



POE COLONIA WASTEWATER TREATMENT PLANT (WWTP) IMPROVEMENTS

Funded by:

**California Department of Housing and Community Development (HCD) through
its Community Development Block Grant (CDBG) Program**

Prepared by:

Imperial County
Department of Public Works

for

Imperial County Community & Economic Development Department

940 West Main Street, Suite 203

El Centro, CA 92243

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Office (442) 265-1100

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PROJECT MANUAL
August 7, 2018

00100 ADVERTISEMENT FOR BIDS

County of Imperial
940 W. Main Street, Suite 203
El Centro, CA 92243

Separate sealed BIDS for the construction of the **Poe Colonia Wastewater Treatment Plant Improvements** will be received by **the County of Imperial Clerk of the Board of Supervisors at 940 W. Main Street, Suite 209, El Centro, CA 92243** until **2:00 pm** (prevailing local time) on **Monday, September 17, 2018**, and then at said office **in the Board of Supervisors Chambers** will be publicly opened and read aloud.

The PLANS, SPECIFICATIONS, AND CONTRACT DOCUMENTS may be examined at the following locations:

Imperial County Community &
 Economic Development Department
 940 W. Main Street, Suite 203
 El Centro, CA 92243
 Phone: (442) 265-1100
 Fax: (442) 265-1118

Copies of the CONTRACT DOCUMENTS may be obtained at the office of **Imperial County Community & Economic Development Department located at 940 W. Main Street, Suite 203, El Centro, CA 92243** upon the nonrefundable payment of **\$100.00** for each set.

A Mandatory Pre-Bid Conference for prospective BIDDERS will be held at the **County Administration Center Conference Room C&D**, located at **940 W. Main Street, CA 92243** at **10:00 am** (prevailing local time), on **Monday, August 27, 2018**. To become a qualified Bidder, all contract documents shall be obtained from **Imperial County Community & Economic Development Department**. The contract documents can be purchased in the department's office or obtained from the departments website: www.imperialcountyced.com.

Bidders are notified that this construction project is financed by California Department of Housing and Community Development (HCD) through its Community Development Block Grant (CDBG) and is subject to the rules and regulations of the Housing and Community Development Act of 1974 and all amendments thereof. Neither the United States nor any departments, agencies, or employees is, or will be, a part of this Invitation for Bids or any resulting contract.

The Contractor and Subcontractors on this project must comply with HUD contract provisions 24 CFR part 85.36(i), the Federal Davis-Bacon and Related Acts, California Department of Regulations Wage Determinations and California Labor Codes pertaining to Public Works projects, Nondiscrimination, Equal Employment Opportunity, Affirmative Action, Section 3 requirements, Anti-Kickback Act, and Federal Occupational Safety and Health Act as set forth in the Contract Bid Documents. This municipality is an equal employment opportunity employer, businesses owned by women or minorities are strongly encouraged to bid.

The female and minority goals are applicable to the contractor's aggregate onsite construction work force whether or not part of that work force is performing work on a federal or federally assisted construction contract or subcontract as follows:

Time- tables	Goals for female participation in each trade
From December 30, 1980, until further notice	6.9%

Time- tables	Goals for minority participation for each trade
From November 3, 1980, until further notice	16.2% - Imperial County – Non SMSA Counties 16.9% - San Diego County – SMSA Counties

Until further notice, the above goals for minority utilization in each construction craft and trade shall be included in all Federal or Federally assisted construction contracts and subcontracts in excess of \$10,000 to be performed in the respective geographical areas. The goals are applicable to each nonexempt contractor's total on-site construction work force, regardless of whether or not part of that work force is performing work on a Federal; Federally assisted, or non-Federally related project, contract, or subcontract.

The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations and relevant orders of the Secretary of Labor.

In projects involving construction where federal funding exceeds \$200,000 and any individual contract or subcontract exceeds \$100,000, the Contractor shall have incorporated into their contract the Section 3 clause and comply with the provisions of Section 3 of the Housing and Urban Development Act of 1968, as amended (12 U.S.C. 1701u), and regulations at 24 CFR Part 135.

The Contract executed between the General Contractor and the Awarding agency and the General Contractor and any subcontractor at any tier, for the performance of work on the public works project shall contain the complete verbiage as found in the contract between the Imperial County and the General Contractor including at a minimum a copy of the provisions of California Labor Codes, Sections 1726, 1771, 1775, 1776, 1777.5, 1813, and 1815.

Pursuant to Public Contract Code Section 22300, the successful Bidder may submit certain securities in lieu of the County retaining a portion of progress payments during the Project.

Notice is hereby given that, pursuant to 1773 of the Labor Code of the State of California, the Owner has obtained from the Director of the Department of Industrial Relations the general prevailing rate of per diem wages and the general prevailing rate for holidays and overtime work for each craft, classification, or type of worker required to execute the Contract. A copy of said prevailing rate of per diem wages is on file in the principal office of the Owner, to which reference is hereby made for further particulars. Said prevailing rate of per diem wages will be made available to any interested party upon request, and a copy thereof shall be posted at each site.

Prohibition Against Contracting with Debarred Contractors and Subcontractors: Contractor is prohibited from performing work on a public works project pursuant to Section 1777.1 or 1777.7 of the Labor Code. County shall not enter into any agreement with any Contractor without the prior determination that the Contractor, and its subcontractors, are eligible to receive Community Development Block Grant Funds and are not listed on the Federal Consolidated List of Debarred, Suspended and Ineligible Contractors.

In order to comply with HUD Section 3 requirements set forth in 24 CFR 135 of the Code of Federal Regulations, Section 3 Business Concerns are solicited to bid on this contract as prime contractors and are encouraged to make inquiries regarding potential subcontracting opportunities to Section 3 Business Concerns.”

Prospective Bidders shall be licensed Contractors in the State of California and shall be skilled and regularly engaged in the general class or type of work called for under the Contract. Each Bidder shall have a Class A California Contractor’s license.

Pursuant to California Civil Code Section 9550, the successful bidder shall, before commencement of work, furnish a payment bond to and approved by the County, if the public works contract exceeds twenty-five thousand dollars (\$25,000) in the amount of 100% of the contract amount. The successful Bidder shall also provide a performance bond in the amount of 100% of the contract amount.

(Date)

Blanca Acosta, Clerk of the Board of Supervisors
Imperial County, California

00110 Special Notices

SPECIAL NOTICE NO. 1

The bidder's attention is directed to the section entitled "Required Listing of Proposed Subcontractors" in Section 2 of the Special Provisions regarding the requirement that proposed subcontractors be listed in the bidder's proposal. Instead of listing only subcontractors for signal and lighting work as in the past, all subcontractors are now to be listed in the bid proposal for items of work or portions thereof to be subcontracted in excess of one-half of one percent of the total bid or \$10,000, whichever is greater.

In the case where a bidder claims an inadvertent clerical error in listing subcontractors, a notice of the claim must be submitted to the Director of Public Works in writing within two working days after the time of the bid opening, and copies sent to the subcontractors involved.

SPECIAL NOTICE NO. 2

- Attention is directed to Section 1-1.01, “General,” of the Amendments to the Standard Specifications, Dated May 2006, regarding plain language specifications.
- The “Proposal and Contract” book has been retitled and is now the “Bid” book.
- The “Notice to Contractors” has been retitled and is now the “Notice to Bidders.”
- Construction Contract Notification Requirement to the Office of Federal Contract Compliance Programs. Refer to Section titled “Construction Contract Notification Requirement” under Section 5, “General,” of these special provisions.

SPECIAL NOTICE NO. 3

Pursuant to the requirements of Senate Bill 854 and California Labor Code section 1725.5, all contractors and subcontractors that wish to engage in public work through a public works contract must first register with the Department of Industrial Relation and pay all applicable fees.

Beginning March 1, 2015, no contractor or subcontractor may be listed on a bid proposal for a public works project unless registered with the Department of Industrial Relations, pursuant to Labor Code section 1725.5 (with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)).

Beginning April 1, 2015, no contractor or subcontractor may be awarded a contract for public work on a public works project unless registered with the Department of Industrial Relations, pursuant to Labor Code section 1725.5

This Project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

For more information concerning Senate Bill 854 compliance, please visit:
<http://www.dir.ca.gov/Public-Works/SB854.html>.

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002000 INSTRUCTIONS TO BIDDERS

TABLE OF ARTICLES

	<i>Page</i>
Article 1 - Defined Terms	002000-1
Article 2 - Copies of Bidding Documents	002000-1
Article 3 - Qualifications of Bidders	002000-2
Article 4 - Examination of Bidding Documents, Other Related Data, and Site	002000-2
Article 5 - Pre-Bid Conference	002000-4
Article 6 - Site and Other Areas	002000-4
Article 7 - Interpretations and Addenda	002000-4
Article 8 - Bid Security	002000-4
Article 9 - Contract Times	002000-5
Article 10 - Liquidated Damages	002000-5
Article 11 - Substitute and "Or-Equal" Items	002000-5
Article 12 - Subcontractors, Suppliers, and Others	002000-6
Article 13 - Preparation of Bid	002000-6
Article 14 - Basis of Bid; Comparison of Bids	002000-7
Article 15 - Submittal of Bid	002000-7
Article 16 - Modification or Withdrawal of Bid	002000-8
Article 17 - Opening of Bids	002000-8
Article 18 - Bids to Remain Subject to Acceptance	002000-8
Article 19 - Evaluation of Bids and Award of Contract	002000-8
Article 20 - Contract Security and Insurance	002000-9
Article 21 - Signing of Agreement	002000-9
Article 22 – Sales and Use Taxes	002000-10
Article 23 – Worker’s Compensation Requirements	002000-10
Article 24 – Subcontractor Listing Law	002000-10
Article 25 – Funding Requirements	002000-11
Article 26 – Substitution of Security	002000-11
Article 27 – Insurance Coverage	002000-11
Article 28 – Special Insurance Requirements	002000-12
Article 29 – Insurance Endorsements, Clauses, & Information	002000-13
Article 30 – Proof of Insurance	002000-13

ARTICLE 1 - DEFINED TERMS

1.01 Terms used in these Instructions to Bidders will have the meanings indicated in the General Conditions and Supplementary Conditions. Additional terms used in these Instructions to Bidders have the meanings indicated below:

- A. Issuing Office - The office from which the Bidding Documents are to be issued and where the bidding procedures are to be administered: **County of Imperial Community & Economic Development Department, 940 W. Main Street, El Centro, CA 92243, P: (442) 265-1100, F: (442) 265-1118.**

ARTICLE 2 - COPIES OF BIDDING DOCUMENTS

2.01 Complete sets of the Bidding Documents in the number and for the payment, of **one hundred dollars (\$100.00)** may be obtained from the Issuing Office. **The payment is nonrefundable.** Mail service is available at an additional cost of fifteen dollars (\$15.00) per set of documents. The contract documents can also be obtained from the department’s website: www.imperialcountyced.com.

- 2.02 Complete sets of Bidding Documents must be obtained from **County of Imperial** pursuant to the preparation of Bids. Neither the Owner nor the Engineer assumes any responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bidding Documents.
- 2.03 The Owner and the Engineer in making copies of Bidding Documents available on the above terms do so only for the purpose of obtaining Bids for the Work and do not confer a license or grant for any other use.

ARTICLE 3 - QUALIFICATIONS OF BIDDERS

- 3.01 To demonstrate Bidder's qualifications to perform the Work, within **five (5) days** of the Owner's request, the Bidder shall submit written evidence such as financial data, previous experience, present commitments, and such other data as may be called for below. The bidder certifies that all statements and information are true and accurate.

ARTICLE 4 - EXAMINATION OF BIDDING DOCUMENTS, OTHER RELATED DATA, AND SITE

4.01 *Subsurface and Physical Conditions*

A. The Supplementary Conditions identify:

1. Those reports of explorations and tests of subsurface conditions at or contiguous to the Site that the Engineer has used in preparing the Bidding Documents.
2. Those drawings of physical conditions in or relating to existing surface and subsurface structures at or contiguous to the Site (except Underground Facilities) that the Engineer has used in preparing the Bidding Documents.

- B. Copies of reports and drawings referenced in Paragraph 4.01.A will be made available by the Owner to any Bidder on request. Those reports and drawings are not part of the Contract Documents, but the "technical data" contained therein upon which Bidder is entitled to rely as provided in Paragraph 4.02 of the General Conditions has been identified and established in paragraph 4.02 of the Supplementary Conditions. The Bidder is responsible for any interpretation or conclusion that the Bidder draws from any "technical data" or any other data, interpretations, opinions, or information contained in such reports as shown or indicated on such drawings.

4.02 *Underground Facilities*

- A. Information and data shown or indicated in the Bidding Documents with respect to existing Underground Facilities at or contiguous to the Site is based upon information and data furnished to the Owner and the Engineer by the Owners of such Underground Facilities, including the Owner, or others.

4.03 *Hazardous Environmental Conditions*

- A. The Supplementary Conditions identify those reports and drawings relating to a Hazardous Environmental Condition identified at the Site, if any, that the Engineer has used in preparing the Bidding Documents.
- B. Copies of reports and drawings referenced in Paragraph 4.03.A will be made available by the Owner to any Bidder on request. Those reports and drawings are not part of the Contract Documents, but the "technical data" contained therein upon which the Bidder is entitled to rely as provided in Paragraph 4.06 of the General Conditions has been identified and established in Paragraph 4.06 of the Supplementary Conditions. The Bidder is responsible for any interpretation or conclusion that the Bidder draws from any "technical data" or any other data, interpretations, opinions, or information contained in such reports as shown or indicated on such drawings.

- 4.04 Provisions concerning responsibilities for the adequacy of data furnished to prospective Bidders with respect to subsurface conditions, other physical conditions and Underground Facilities, and possible changes in the Bidding Documents due to differing or unanticipated conditions appear in Paragraphs 4.02, 4.03, and 4.04 of the General Conditions. Provisions concerning responsibilities for the adequacy of data furnished to prospective Bidders with respect to a Hazardous Environmental Condition at the Site, if any, and possible changes in the Contract Documents due to any Hazardous Environmental Condition uncovered or revealed at the Site which was not shown or indicated in the Drawings or Specifications or identified in the Contract Documents to be within the Scope of the Work appear in Paragraph 4.06 of the General Conditions.
- 4.05 On request, the Owner will provide the Bidder access to the Site to conduct such examinations, investigations, explorations, tests, and studies as the Bidder deems necessary for submission of a Bid. Bidder shall fill all holes and clean up and restore the Site to its former condition upon completion of such explorations, investigations, tests, and studies. The Bidder shall comply with all applicable Laws and Regulations relative to excavation and utility locates.
- 4.06 Reference is made to Article 7 of the Supplementary Conditions for the identification of the general nature of other work that is to be performed at the Site by the Owner or others (such as utilities and other prime contractors) that relates to the Work contemplated by these Bidding Documents. On request, the Owner will provide to each Bidder for examination access to or copies of Contract Documents (other than portions thereof related to price) for such other work.
- 4.07 It is responsibility of each Bidder before submitting a Bid to:
- A. Examine and carefully study the Bidding Documents, the other related data identified in the Bidding Documents, and any Addenda;
 - B. Visit the Site and become familiar with and satisfy the Bidder as to the general, local, and site conditions that may affect cost, progress, and performance of the Work;
 - C. Become familiar with and satisfy the Bidder as to all Federal, State, and Local Laws and Regulations that may affect cost, progress, or performance of the Work;
 - D. Carefully study all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site (except Underground Facilities) which have been identified in the Supplementary Conditions as provided in Paragraph 4.02 of the General Conditions, and (2) reports and drawings of Hazardous Environmental Conditions at the Site which have been identified in the Supplementary Conditions as provided in paragraph 4.06 of the General Conditions;
 - E. Obtain and carefully study (or accept consequences for not doing so) all additional or supplementary examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface, and Underground Facilities) at or contiguous to the Site which may affect cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including applying any specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents, and safety precautions and programs incident thereto;
 - F. Agree at the time of submitting its Bid that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of its Bid for the performance of the Work at the price(s) bid and within the times and in accordance with the other terms and conditions of the Bidding Documents;
 - G. Become aware of the general nature of the work to be performed by the Owner and others at the Site that relates to the Work as indicated in the Bidding Documents;

- H. Correlate the information known to the Bidder, information and observations obtained from visits to the Site, reports and drawings identified in the Bidding Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Bidding Documents;
 - I. Promptly give the Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that the Bidder discovers in the Bidding Documents and confirm that the written resolution thereof by the Engineer is acceptable to the Bidder; and
 - J. Determine that the Bidding Documents are generally sufficient to indicate and convey an understanding of all terms and conditions for the performance of the Work.
- 4.08 The submission of a Bid will constitute an incontrovertible representation by the Bidder that the Bidder has complied with every requirement of this Article 4, that without exception the Bid is premised upon performing and furnishing the Work required by the Bidding Documents and applying any specific means, methods, techniques, sequences, and procedures of construction that may be shown or indicated or expressly required by the Bidding Documents, that the Bidder has given the Engineer written notice of all conflicts, errors, ambiguities, and discrepancies that the Bidder has discovered in Bidding Documents and the written resolutions thereof by the Engineer are acceptable to the Bidder, and that the Bidding Documents are generally sufficient to indicate and convey an understanding of all terms and conditions for performing and furnishing the Work.

ARTICLE 5 - PRE-BID CONFERENCE

- 5.01 **A Mandatory Pre-Bid Conference** will be held at **10:00 am** on **August 27, 2018**, at the **County Administration Center Conference room C&D**, located at **940 W. Main Street, El Centro, CA 92243**. Representatives of the Owner and the Engineer will be present to discuss the Project. Attendance is mandatory. A site visit will immediately follow. The Engineer will transmit to all prospective Bidders of record such Addenda as the Engineer considers necessary in response to questions arising at the conference. Oral statements may not be relied upon and will not be binding or legally effective.

ARTICLE 6 - SITE AND OTHER AREAS

- 6.01 The Site is identified in the Bidding Documents. Easements for permanent structures or permanent changes in existing facilities are to be obtained and paid for by the Owner unless otherwise provided in the Bidding Documents. All additional lands and access thereto required for temporary construction facilities, construction equipment, or storage of materials and equipment to be incorporated in the Work are to be obtained and paid for by the Contractor.

ARTICLE 7 - INTERPRETATIONS AND ADDENDA

- 7.01 All questions about the meaning or intent of the Bidding Documents are to be submitted to the Owner in writing. Interpretations or clarifications considered necessary by the Engineer in response to such questions will be issued by Addenda mailed or delivered to all parties recorded by the Owner as having received the Bidding Documents. Questions regarding this project must be submitted in writing by August 30, 2018 at 5:00 pm.
- 7.02 Addenda may be issued to clarify, correct, or change the Bidding Documents as deemed advisable by the Owner or the Engineer.

ARTICLE 8 - BID SECURITY

- 8.01 A Bid must be accompanied by a Bid Security made payable to the Owner in an amount of **ten percent (10%)** of Bidder's maximum Bid price and in the form of a certified check or a Bid Bond (EJCDC No. C-430, 2002 Edition) issued by a surety meeting the requirements of Paragraphs 5.01 and 5.02 of the General Conditions.
- 8.02 The Bid Security of the Successful Bidder will be retained until such Bidder has executed the Contract Documents, furnished the required contract security and met the other conditions of the Notice of Award, whereupon the Bid Security will be returned. If the Successful Bidder fails to execute and deliver the Contract Documents and furnish the required contract security within **fifteen (15) days** after the Notice of Award, the Owner may annul the Notice of Award and the Bid Security of that Bidder will be forfeited. The Bid security of other Bidders whom the Owner believes to have a reasonable chance of receiving the award may be retained by the Owner until the earlier of **seven (7) days** after the Effective Date of the Agreement or **sixty-one (61) days** after the Bid Opening, whereupon the Bid Security furnished by such Bidders will be returned.
- 8.03 The Bid Security of other Bidders whom the Owner believes do not have a reasonable chance of receiving the award will be returned within **seven (7) days** after the Bid Opening.

ARTICLE 9 - CONTRACT TIMES

- 9.01 The number of days within which, or the dates by which, the Work is to be substantially completed and ready for final payment are set forth in the Agreement.

ARTICLE 10 -LIQUIDATED DAMAGES

- 10.01 Provisions for liquidated damages are set forth in the Agreement Conditions.

ARTICLE 11 - SUBSTITUTE AND "OR-EQUAL" ITEMS

- 11.01 The Contract, if awarded, will be on the basis of materials and equipment specified or described in the Bidding Documents, or those substitute materials and equipment approved by the Engineer and identified by Addendum. The materials and equipment described in the Bidding Documents establish a standard of required type, function and quality to be met by any proposed substitute or "or-equal" item.

Whenever specifications for any material, product, thing, service, or process is indicated or specified by grade, patent or propriety name or by name of manufacturer, such specifications shall be deemed to be used for the purpose of facilitating the description of material, product, thing, service, or process desired, and shall be deemed to be followed by the words "or equal", and Contractor may, unless otherwise stated, offer any material, product, thing, service or process which shall be equal or better in every respect to that so indicated or specified. If the material, product, thing, service, or process offered by Contractor is not, in the opinion of COUNTY and Architect/Engineer, equal or better in every respect to that specified, then Contractor shall furnish the material, product, thing, service, or process specified. The burden of proof as to equality of any material, product, thing, service, or process shall rest with Contractor. Contractor shall only be authorized to substitute any designated material, product, thing, service or process required under this contract if such request, together with substantiating data for substitution of an "or equal" item is timely submitted in accordance with the construction period and approval thereof is authorized in writing by COUNTY within the time frame set forth under Public Contract Code section 4104.5(a). Notwithstanding, in the event CONTRACTOR discovers after the stated substitution request filing deadline that a designated material, product, thing, service or process is no longer available and/or the use of the same is necessary to complete the project, CONTRACTOR may within thirty-five (35) days after award of the contract submit a "late substitution request", together with substantiating data for substitution of an "or equal" item for COUNTY's

review and consideration. However, COUNTY shall have the sole discretion in granting such a late substitution request and shall not be required to accept the same even if the material, product, thing, service or process is equal or better in every respect.

- 11.02 It should be emphasized that a Contractor's request to substitute an "equal" material, product, thing or service for one designated in the contract specifications and/or COUNTY's subsequent written approval thereof, shall not in any way authorize an extension of time for performance of this contract. Moreover, in event Contractor furnishes a material, product, thing or service that is more expensive than that specified, the difference in cost of such material, product, thing, service or process, so furnished shall be borne solely by Contractor. Neither approval nor denial of an "or-equal" request shall result in any change in Contract Price.
- 11.03 Each request shall conform to the requirements of Paragraph 6.05 of the General Conditions. The burden of proof of the merit of the proposed item is upon the Bidder. The Engineer's decision of approval or disapproval of a proposed item will be final and binding, and may not be reversed through an appeal under any provision of the Contract Documents. If the Engineer approves any proposed substitute item, such approval will be set forth in an Addendum issued to all prospective Bidders. Bidders shall not rely upon approvals made in any other manner.
- 11.04 Engineer's Evaluation and Determination: Engineer will be allowed a reasonable time to evaluate each "or-equal" request. Engineer may require Contractor to furnish additional data about the proposed "or-equal" item. Engineer will be the sole judge of acceptability. No "or-equal" item will be ordered, furnished, installed, or utilized until Engineer's review is complete and Engineer determines that the proposed item is an "or-equal", which will be evidenced by an approved Shop Drawing or other written communication. Engineer will advise Contractor in writing of any negative determination.
- 11.05 Contractor shall provide all data in support of any proposed "or equal" item at Contractor's expense.
- 11.06 If Engineer determines that an item of material or equipment proposed by Contractor does not qualify as an "or-equal" item, Contractor may request that Engineer considered the proposed item as a substitute.

ARTICLE 12 - SUBCONTRACTORS, SUPPLIERS, AND OTHERS

- 12.01 If the Supplementary Conditions require the identity of certain Subcontractors, Suppliers, individuals, or entities to be submitted to the Owner in advance of a specified date prior to the Effective Date of the Agreement, the apparent Successful Bidder, and any other Bidder so requested, shall within **five (5) days** after the Bid Opening, submit to the Owner a list of all such Subcontractors, Suppliers, individuals, or entities proposed for those portions of the Work for which such identification is required. Such list shall be accompanied by an experience statement with pertinent information regarding similar projects and other evidence of qualification for each such Subcontractor, Supplier, individual, or entity if requested by the Owner. If the Owner or the Engineer, after due investigation, has reasonable objection to any proposed Subcontractor, Supplier, individual, or entity, the Owner may, before the Notice of Award is given, request apparent Successful Bidder to submit a substitute, without an increase in the Bid.
- 12.02 If the apparent Successful Bidder declines to make any such substitution, the Owner may award the Contract to the next lowest responsible Bidder that proposes to use acceptable Subcontractors, Suppliers, individuals, or entities. Declining to make requested substitutions will not constitute grounds for forfeiture of the Bid Security of any Bidder. Any Subcontractor, Supplier, individual, or entity so listed and against which the Owner and the Engineer makes no written objection prior to the giving of the Notice of Award will be deemed acceptable to the Owner and the Engineer subject to revocation of such acceptance after the Effective Date of the Agreement as provided in Paragraph 6.06 of the General Conditions.
- 12.03 The Contractor shall not be required to employ any Subcontractor, Supplier, individual, or entity against whom the Contractor has reasonable objection.

- 12.04 The Contractor shall not award work to Subcontractor(s) in excess of the limits stated in Supplement Conditions 6.06.
- 12.05 Prohibition Against Contacting with Debarred Contractors and Subcontractors. Contractor is prohibited from performing work on a public works project with a subcontractors who is ineligible to perform work on the public works project pursuant to Section 10777.1 or 1777.7 of the Labor Code.
- 12.06 County shall not enter into any agreement with any Contractor without the prior determination that the Contractor, and its subcontractors are eligible to receive Community Development Block Grant funds and are not listed on the D=Federal Consolidated List of Debarred, Suspended and Ineligible Contractors.

ARTICLE 13 - PREPARATION OF BID

- 13.01 The Bid Form is included with the Bidding Documents. Additional copies may be obtained from Engineer.
- 13.02 All blanks on the Bid form shall be completed by printing in ink or by typewriter and the Bid shall be signed in ink. Erasures or alterations shall be initialed in ink by the person signing the Bid From. A Bid price shall be indicated for each, *Bid Item*, *Deductive Alternate*, and *Unit Price Item* listed therein, or the words "No Bid", "No Change" or "Not Applicable".
- 13.03 A Bid by a corporation shall be executed in the corporate name by the president or a vice-president or other corporate officer accompanied by evidence of authority to sign. The corporate seal shall be affixed and attested by the secretary or an assistant secretary. The corporation business address and state of incorporation shall be provided on the Bid Form.
- 13.04 A Bid by a partnership shall be executed in the partnership name and signed by a partner (whose title must appear under the signature), accompanied by evidence of authority to sign. The business address of the partnership shall be provided on the Bid Form.
- 13.05 A Bid by a limited liability company shall be executed in the name of the firm by a member and accompanied by evidence of authority to sign. The state of formation of the firm and the business address of the firm must be provided on the Bid Form.
- 13.06 A Bid by an individual shall show the Bidder's name and business address.
- 13.07 A Bid by a joint venture shall be executed by each joint venture in the manner indicated on the Bid form. The business address of the joint venture must be provided on the Bid Form.
- 13.08 All names shall be typed or printed in ink below the signatures.
- 13.09 The Bid shall contain an acknowledgment of receipt of all Addenda, the numbers and dates of which shall be filled in on the Bid form.
- 13.10The address and telephone number and email address for communication regarding the Bid shall be shown.
- 13.11The Bid shall contain evidence of the Bidder's authority and qualification to do business in the State of California. Bidder's state contractor license number for the state of the Project shall also be shown on the Bid Form. Bidders shall possess a valid State of California Contractors "A" License at the day and time of the opening of proposals. The license shall be valid during the contract period.

ARTICLE 14 - BASIS OF BID; COMPARISON OF BIDS

- 14.01 Unit Price

- A. Bidders shall submit a Bid on a unit price basis for each item of Work listed in the Schedule of Values.
- B. The total of all bid prices will be the sum of the products of the estimated quantity of each item and the corresponding unit price. The Final Quantities and Contract Price will be determined in accordance with Paragraph 11.03 of the General Conditions.
- C. Discrepancies between the multiplication of units of Work and unit prices will be resolved in the favor of the unit prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum. Discrepancies between words and figures will be resolved in favor of the words.

ARTICLE 15 - SUBMITTAL OF BID

- 15.01 With each copy of the Bidding Documents, a Bidder is furnished one (1) separate unbound copy of the Bid Form, and the Bid Bond Form. The unbound copy of the Bid Form is to be completed and submitted with all the attachments outlined in Article 7 of the Bid Form.
- 15.02 A Bid shall be submitted no later than the date and time prescribed and at the place indicated in the Advertisement or Invitation to Bid and shall be enclosed in an opaque sealed envelope plainly marked with the Project title (and, if applicable, the designated portion of the Project for which the Bid is submitted), the name and address of Bidder, and shall be accompanied by the Bid security and other required documents. If a Bid is sent by mail or other delivery system, the sealed envelope containing the Bid shall be enclosed in a separate envelope plainly marked on the outside with the notation "BID ENCLOSED." A mailed Bid shall be addressed to Owner at the address in Article 1.01 of the Bid Form.

Project Title: Poe Colonia Wastewater Treatment Plant (WWTP) Improvements

Owner's Address: 940 W. Main Street, Suite 203, El Centro, CA 92243

ARTICLE 16 - MODIFICATION OR WITHDRAWAL OF BID

- 16.01 A Bid may be modified or withdrawn by an appropriate document duly executed in the manner that a Bid must be executed and delivered to the place where Bids are to be submitted prior to the date and time for the opening of Bids.
- 16.02 If within **twenty-four (24) hours** after Bids are opened any Bidder files a duly signed written notice with the Owner and promptly thereafter demonstrates to the reasonable satisfaction of the Owner that there was a material and substantial mistake in the preparation of its Bid, that Bidder may withdraw its Bid, and the Bid Security will be returned. Thereafter, if the Work is rebid or negotiated, that Bidder will be disqualified from further bidding on the Work. This provision to withdraw a Bid without forfeiting the Bid Security does not apply to Bidder's errors in judgment in preparing the Bid.

ARTICLE 17 - OPENING OF BIDS

- 17.01 The Bids will be opened at the time and place indicated in the Advertisement for Bids and, unless obviously non-responsive, read aloud publicly. An abstract of the amounts of the Bids and Deductive Alternates will be made available to the Bidders after the opening of the Bids.

ARTICLE 18 - BIDS TO REMAIN SUBJECT TO ACCEPTANCE

- 18.01 All Bids will remain subject to acceptance for the period of time stated in the Bid Form.

ARTICLE 19 - EVALUATION OF BIDS AND AWARD OF CONTRACT

- 19.01 The Owner reserves the right to reject any or all Bids, including without limitation, nonconforming, nonresponsive, unbalanced, or conditional Bids. The Owner further reserves the right to reject the Bid of any Bidder whom it finds, after reasonable inquiry and evaluation, to not be responsible. The Owner may also reject the Bid of any Bidder if the Owner believes that it would not be in the best interest of the Project to make an award to that Bidder. The Owner also reserves the right to waive all informalities not involving price, time, or changes in the Work and to negotiate contract terms with the Successful Bidder.
- 19.02 More than one Bid for the same Work from an individual or entity under the same or different names will not be considered. Reasonable grounds for believing that any Bidder has an interest in more than one (1) Bid for the Work may be cause for disqualification of that Bidder and the rejection of all Bids in which that Bidder has an interest.
- 19.03 In evaluating the Bids, the Owner will consider whether or not the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.
- 19.04 In evaluating Bidders, the Owner will consider the qualifications of Bidders and may consider the qualifications and experience of Subcontractors, Suppliers, and other individuals or entities proposed for those portions of the Work for which the identity of Subcontractors, Suppliers, and other individuals or entities must be submitted as provided in the Supplementary Conditions.
- 19.05 The Owner may conduct such investigations as the Owner deems necessary to establish the responsibility, qualifications, and financial ability of Bidders, proposed Subcontractors, Suppliers, individuals, or entities to perform the Work in accordance with the Contract Documents.
- 19.06 If the Contract is to be awarded, the Owner will award the Contract to the responsible Bidder who's Bid, conforming with all the material terms and conditions of the Instructions to Bidders, is lowest, price and other factors considered. **The Award shall be made to the lowest responsive, responsible Bidder. The lowest responsive, responsible Bidder shall be determined by: (1) lowest overall cost to the owner, (2) evaluation of Bidder's experience and, (3) a Bidder's proposal that complies with all of the requirements prescribed in this document.**
- 19.07 Pursuant to Section 20103.8 of the Public Contract Code: A local agency may require a bid for a public works contract to include prices for items that may be added to, or deducted from, the scope of work in the contract for which the bid is being submitted. Whenever additive or deductive items are included in a bid, the bid solicitation shall specify which one of the following methods will be used to determine the lowest bid. In the absence of a specification, only the method provided by subdivision (a) will be used:
- (a) The lowest bid shall be the lowest bid price on the base contract without consideration of the prices on the additive or deductive items.

A responsible bidder who submitted the lowest bid as determined by this section shall be awarded the contract, if it is awarded. This section does not preclude the local agency from adding to or deducting from the contract any of the additive or deductive items after the lowest responsible bidder has been determined.

COUNTY reserves the right to make award or any combination of base bid process plus deductive bid items as COUNTY determines to be in its best interest.

ARTICLE 20 - CONTRACT SECURITY AND INSURANCE

- 20.01 Article 5 of the General Conditions, as may be modified by the Supplementary Conditions, sets forth the Owner's requirements as to performance and payment bonds and insurance. When the Successful Bidder delivers the executed Agreement to the Owner, it must be accompanied by such bonds.

ARTICLE 21 - SIGNING OF AGREEMENT

- 21.01 When Owner gives a Notice of Award to the Successful Bidder, it shall be accompanied by the required number of unsigned counterparts of the Agreement with the other Contract Documents which are identified in the Agreement as attached thereto. Within **fifteen (15) days** thereafter, Successful Bidder shall sign and deliver the required number of counterparts of the Agreement and attached documents to Owner. **Within ten (10) days thereafter, the Owner shall deliver one (1) fully signed counterpart to the Successful Bidder with five (5) complete sets of the "Issued for Construction" Drawings with appropriate identification.**
- 21.02 This Contract is expected to be funded in part with funds provided by the California Department of Housing and Community Development (HCD) through its CDBG Program and the County of Imperial. Refer to Article 18 of the General Conditions for information on the Federal Requirements.
- 21.03 Concurrence by CDBG and the County of Imperial in the award of the Contract is required before the Contract is effective.

ARTICLE 22 - SALES AND USE TAXES

- 22.01 Contractor shall pay all sales, use and other taxes as specified in Paragraph 6.10 of the General Conditions.

ARTICLE 23- WORKERS' COMPENSATION REQUIREMENTS

- 23.01 As required by Section 1860 of the California Labor Code and in accordance with the provisions of Section 3700 of the Labor Code, every Contractor will be required to secure the payment of workers' compensation to its employees.
- 23.02 In accordance with Section 1861 of the California Labor Code, the Contractor shall furnish the Owner with a statement as follows: "I am aware of the provisions of 3700 of the Labor Code which requires every employer to be insured against liability for worker's compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract."
- 23.03 Notice is hereby given that, pursuant to 1773 of the Labor Code of the State of California, the Owner has obtained from the Director of the Department of Industrial Relations the general prevailing rate of per diem wages and the general prevailing rate for holidays and overtime work for each craft, classification, or type of worker required to execute the Contract. A copy of said prevailing rate of per diem wages is on file in the principal office of the Owner, to which reference is hereby made for further particulars. Said prevailing rate of per diem wages will be made available to any interested party upon request, and a copy thereof shall be posted at each site.

ARTICLE 24 – SUBCONTRACTOR LISTING LAW

- 24.01 In accordance with Section 4104 of the California Public Contract Code, each Bidder, in his or her Bid, shall set forth the name and the location of the place of business to conform to Public Contract Code § 4104(a)(1): the California contractor license number, and public works contractor registration number issued pursuant to Section 1725.5 of the Labor Code of each Subcontractor who will perform Work or labor or render service to the prime Contractor in or about the construction of the Work or improvement, or a Subcontractor licensed by the State of California who, under subcontract to the prime contractor, specially fabricates and installs a portion of the work or improvement according to detailed drawings contained in the plans and specifications, in an amount in excess of one-half of one percent of the prime contractor's total bid.
- 24.02 In accordance with Section 4107 of the California Public Contract Code, no Contractor whose Bid is accepted shall without consent of the OWNER either: (a) substitute a person as a Subcontractor in place of the Subcontractor listed in the original Bid; or (b) permit a subcontract to be voluntarily assigned or transferred or allow it to be performed by anyone other than the original Subcontractor listed in the original Bid; or (c) sublet or subcontract any portion of the Work in excess of one-half of one percent of the prime Contractor's total Bid as to which his or her original Bid did not designate a Subcontractor.
- 24.03 Penalties for failure to comply with the foregoing sections of the California Public Contract Code are set forth in Sections 4106, 4110, and 4111 of the Public Contract Code. A prime contractor violating this law violates his or her contract and the awarding authority may exercise the option, in its own discretion, of (1) canceling his or her contract or (2) assessing the prime contractor a penalty in an amount of not more than **ten percent (10%)** of the amount of the subcontract involved, and this penalty shall be deposited in the fund out of which the prime contract is awarded. In any proceedings under this section the prime contractor shall be entitled to a public hearing and to **five (5) day's** notice of the time and place thereof.

ARTICLE 25 – FUNDING REQUIREMENTS

- 25.01 Bidders are to base their bids on the project funding being provided in whole or in part by the California Department of Housing and Community Development (HCD) through its Community Development Block Grant (CDBG) which will review and approve the contract award, contract agreement, partial and final payments, and contract change orders.
- 25.02 Payment and retainage will comply with the contract agreement section 6.02 "Progress Payments; Retainage." Bidders are notified that this contract does not permit retainage to be placed in escrow nor to be invested for the benefit of the contractor.
- 25.03 Intentionally left blank
- 25.04 Bidders are notified of the requirement for affirmative action to ensure equal employment opportunity (Executive Order No. 11246) as set forth in the Equal Opportunity Requirements found in paragraph 18.10 of the General Conditions.

ARTICLE 26 – SUBSTITUTION OF SECURITY

- 26.01 Pursuant to Public Contract Code Section 22300, at the request and expense of Contractor, Contractor may substitute securities in place of retention funds, which shall be held by County, or a with a state or federally chartered bank in California as the escrow agent. Upon completion of the contract, the securities shall be returned to Contractor.

Alternatively, Contractor may request that County make payment of retentions earned directly to the escrow agent at the expense of the Contractor. Contractor shall receive the interest earned on the investments. Upon satisfactory completion of the contract, Contractor shall receive from the escrow agent all securities, interest, and payments received by the escrow agent from County, pursuant to the term of Public Contract Code Section 22300.

Securities eligible for investment include those listed in Section 16430 of the California Government Code, bank or savings and loan certificates of deposits, interest-bearing demand deposit accounts, standby letter of credit, or any other security mutually agreed to by the Contractor and County. Contractor shall be the beneficial owner of any securities substituted for retained funds and shall receive any interest thereon.

Substitution of securities shall be conducted through an Escrow agreement substantially similar to that found in Public Contract Code Section 22300(f).

If Contractor elects to receive interest on funds withheld in retention by County, Contractor shall, at the request of any subcontractor, make that option available to the subcontractor regarding funds withheld in retention by the Contractor from the subcontractor. Contractor shall receive the identical rate of interest received by the Contractor on any funds withheld by the County on any retention funds withheld from the subcontractor by the Contractor, less any actual pro rata costs associated with administering and calculating that interest. If Contractor elects to substitute securities in lieu of having progress payments retained by the County, then by mutual consent of the Contractor and subcontractor, the subcontractor may substitute securities in exchange for the release of funds held in retention by the Contractor. This paragraph shall apply only to those subcontractors performing more than 5% of the Contractor's total bid.

ARTICLE 27 – INSURANCE COVERAGES

27.01 Contractor hereby agrees at its own cost and expense to procure and maintain, during the entire term of this Agreement and any extended term therefore, insurance in a sum acceptable to COUNTY and adequate to cover potential liabilities arising in connection with the performance of this Agreement and in any event not less than the minimum limit set forth as follows:

<u>INSURANCE</u>	<u>MINIMUM LIMIT*</u>
<u>Worker's Compensation, Coverage A</u>	Statutory
<u>Employers Liability, Coverage B</u>	\$1,000,000.00 per accident for bodily injury or disease
<u>Commercial General Liability Including Contractual Liability</u>	
Operations, Products and Completed Operations:	
Personal/Bodily Injury	\$5,000,000.00 / occurrence \$10,000,000.00 / aggregate
Property Damage	\$5,000,000.00 / occurrence \$10,000,000.00 / aggregate
<u>Commercial Automobile Liability</u>	
(owned, hired, & non-owned vehicles)	
Personal/Bodily Injury &	
Property Damage	\$1,000,000.00
Unemployment Insurance	To Be Determined by Scope of Work
Disability Insurance	To Be Determined by Scope of Work
Liability Insurance	To Be Determined by Scope of Work

An endorsement covering any explosion collapse and underground exposures, "XCU", in the Commercial General Liability policy is required.

*Minimums subject to additional review after bid opens.

Article 28. SPECIAL INSURANCE REQUIREMENTS

28.01 All insurance required under Article 27 shall:

- (1) Be procured from an insurer authorized to do business in California.
- (2) Be primary coverage as respects COUNTY and any insurance or self-insurance maintained by COUNTY shall be in excess of Contractor's insurance coverage and shall not contribute to it.
- (3) Name COUNTY as an additional insured on all policies, except Workers' Compensation, and provide that COUNTY may recover for any loss suffered by COUNTY by reason of Contractor's negligence.
- (4) State that it is primary insurance and regards COUNTY as an additional insured and contains a cross-liability or severability of interest clause.
- (5) Not be canceled, non-renewed, or reduced in scope of coverage until after thirty (30) days written notice has been given to COUNTY. However, Contractor may not terminate such coverage until it provides COUNTY with proof that equal or better insurance has been secured and is in place. Cancellation or change without the prior written consent of COUNTY shall, at the option of COUNTY, be grounds for termination of this Agreement.

28.02 Additional Insurance Requirements.

- (1) Complete copies of certificates of insurance for all required coverages including additional insured endorsements and thirty-day (30-day) notice of cancellation clause endorsements shall be attached hereto as Exhibit E and incorporated herein as though fully set forth.
- (2) COUNTY is to be notified immediately of all insurance claims. COUNTY is also to be notified if any aggregate insurance limit is exceeded.

28.03 Nothing in this, or any other provision of this Agreement, shall be construed to preclude Contractor from obtaining and maintaining any additional insurance policies in addition to those required pursuant to this Agreement.

Article 29. INSURANCE ENDORSEMENTS, CLAUSES, & INFORMATION

29.01 The comprehensive/commercial general liability insurance shall contain a provision of endorsements stating that such insurance:

- (1) Includes contractual liability;
- (2) Does not contain a "pro rata" provision which looks to limit the insurer's liability to the total proportion that its policy limits bear to the total coverage available to the insured;
- (3) Does not contain an "excess only" clause which requires the exhaustion of other insurance prior to providing coverage;
- (4) Does not contain an "escape clause" which extinguishes the insurer's liability if the loss is covered by other insurance;
- (5) Includes COUNTY, architect, and the construction manager as an additional insured;
- (6) States that it is primary insurance and regards COUNTY as an additional insured and contains a cross-liability or severability of interest clause; and
- (7) Does not contain any exclusion as to loss or damage to property caused by explosion or resulting from collapse of buildings or structures or damage to property underground, commonly referred to

by insurers as the "XCU Hazards."

- 29.02 Certificates and insurance policies shall include the following clause: "This policy shall not be canceled or reduced in required limits of liability or amount of insurance until notice has been mailed to COUNTY stating date of cancellation or reduction. Date of cancellation may not be less than thirty (30) days after date of mailing notice."
- 29.03 **Certificates of insurance shall state, in particular, those insured, extent of insurance, location and operation to which insurance applies, expiration date, and cancellation and reduction notice.**

Article 30. PROOF OF INSURANCE

Contractor shall not commence work nor shall it allow any subcontractor to commence work under this Agreement until Contractor has obtained all required insurance, certificates and endorsements, including but not limited to, Additional Insured Endorsements and thirty-days (30-days) Notice of Cancellation Clause endorsements have been delivered in duplicate to and approved by COUNTY. The above referenced insurance documents must be received by COUNTY on or before the effective date of this Agreement and shall be sent to the following addresses:

- (i) County of Imperial
Risk Management Department
940 Main Street, Suite 101
El Centro, CA 92243
- and
- (ii) County of Imperial
Community and Economic Development
Attn: Community and Economic Development Manager
940 W. Main Street, Suite 203
El Centro, CA 92243

00300 WAGE REQUIREMENTS

Notice is hereby given that, pursuant to 1773 of the Labor Code of the State of California, the County has obtained from the Director of the Department of Industrial Relations the general prevailing rate of per diem wages and the general prevailing rate for holidays and overtime work for each craft, classification, or type of worker required to execute the Contract. A copy of said prevailing rate of per diem wages is on file in the County's principal office to which reference is hereby made for further particulars. Said prevailing rate of per diem wages will be made available to any interested party upon request, and a copy thereof shall be posted at each job site. Project specific wage rates follow this specification section. Pursuant to Section 1773.2 of the Labor Code, the Contractor shall post the general prevailing rate per diem wages at a prominent place at each job site.

Statutory Penalty for Failure to Pay Minimum Wage

- A. In accordance with 1775 of the California Labor Code, the Contractor shall as a penalty to the State or political subdivision on whose behalf a Contract is made or awarded, forfeit **fifty dollars (\$50.00)** for each calendar day or portion thereof, for each worker paid less than the stipulated prevailing rate for any public work done under the Contract by the Contractor or by any Subcontractor under the Contractor.

Statutory Penalty for Unauthorized Overtime Work

- A. In accordance with 1813 of the California Labor Code, the Contractor shall as a penalty to the State or political subdivision on whose behalf the Contract is made or awarded, forfeit **twenty-five dollars (\$25.00)** for each worker employed in the execution of the Contract by the Contractor or by any Subcontractor for each calendar day during which said worker is required or permitted to work more than eight hours in any one calendar day and forty hours in any one calendar week in violation of 1810-1815 of the California Labor Code.

Apprenticeship Requirements

- A. CONTRACTOR agrees to comply with 1777.5, 1777.6 and 1777.7 of the California Labor Code relating to the employment of apprentices. The responsibility for compliance with these provisions is fixed with the prime contractor for all apprenticeship occupations. Under these sections of the law, Contractors and Subcontractors must employ apprentices in apprenticeship occupations, where journeymen in the craft are employed on the public work, in a ratio of not less than one (1) apprentice hour for each five (5) journeymen hours (unless an exemption is granted in accordance with 1777.5) and Contractors and Subcontractors shall not discriminate among otherwise qualified employees as indentured apprentices on any public work solely on the ground of race, religious creed, color, national origin, ancestry, sex, or age, except as provided in 3077 of the Labor Code. Only apprentices, as defined in 3077, which provides that an apprentice must be at least sixteen (16) years of age, who are in training under apprenticeship standards and who have signed written apprentice agreements will be employed on public works in apprenticeship occupations.

Payroll Records

- A. Contractor shall keep accurate payroll records on forms provided by the Division of Labor Standards Enforcement, or alternatively, the Contractor shall keep accurate payroll records containing the same information. Said information shall include, but not be limited to, a record of the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and actual per diem wages paid to each journeyman, apprentice, or worker employed by the Contractor. Such record shall be made available for inspection at all reasonable hours, and a copy shall be made available to employee or his authorized representative, the Division of Labor Standards Enforcement, and the Division of Apprenticeship Standards in compliance with California Labor Code, Section 1776. Upon written notice from the OWNER or the Division of Labor Standards Enforcement, the Contractor shall, within **ten (10) days**, file with the Owner a certified copy of the payroll records. The Contractor shall cause an identical clause to be included in every subcontract for the Work.

General Decision Number: CA180002 07/13/2018 CA2

Superseded General Decision Number: CA20170002

State: California

Construction Types: Building, Heavy (Heavy and Dredging) and Highway

County: Imperial County in California.

BUILDING CONSTRUCTION PROJECTS; DREDGING PROJECTS (does not include hopper dredge work); HEAVY CONSTRUCTION PROJECTS (does not include water well drilling); HIGHWAY CONSTRUCTION PROJECTS

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.35 for calendar year 2018 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.35 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2018. The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/05/2018
1	01/12/2018
2	01/19/2018
3	02/09/2018
4	03/02/2018
5	05/04/2018
6	06/29/2018
7	07/06/2018
8	07/13/2018

ASBE0005-002 07/03/2017

	Rates	Fringes
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Asbestos Workers/Insulator (Includes the application of all insulating materials, protective coverings, coatings, and finishes to all types of mechanical systems).....	\$ 39.72	20.81
Fire Stop Technician (Application of Firestopping Materials for wall openings and penetrations in walls, floors, ceilings and curtain walls).....	\$ 26.96	17.81

ASBE0005-004 07/03/2017

	Rates	Fringes
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Asbestos Removal worker/hazardous material handler (Includes preparation, wetting, stripping, removal,		
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scrapping, vacuuming, bagging
and disposing of all
insulation materials from
mechanical systems, whether
they contain asbestos or not)....\$ 19.26 11.27

BRCA0004-002 11/01/2017

	Rates	Fringes
BRICKLAYER; MARBLE SETTER.....	\$ 47.36	16.79

BRCA0018-004 07/01/2017

	Rates	Fringes
MARBLE FINISHER.....	\$ 30.93	12.95
TILE FINISHER.....	\$ 25.98	11.23
TILE LAYER.....	\$ 37.76	16.37

BRCA0018-010 09/01/2017

	Rates	Fringes
TERRAZZO FINISHER.....	\$ 29.75	12.91
TERRAZZO WORKER/SETTER.....	\$ 36.75	13.82

CARP0409-001 07/01/2016

	Rates	Fringes
CARPENTER		
(1) Carpenter, Cabinet Installer, Insulation Installer, Hardwood Floor Worker and acoustical installer.....	\$ 39.83	15.50
(2) Millwright.....	\$ 40.90	15.50
(3) Piledrivermen/Derrick Bargeman, Bridge or Dock Carpenter, Heavy Framer, Rock Bargeman or Scowman, Rockslinger, Shingler (Commercial).....	\$ 40.53	15.50
(4) Pneumatic Nailer, Power Stapler.....	\$ 40.09	15.50
(5) Sawfiler.....	\$ 39.83	15.50
(6) Scaffold Builder.....	\$ 31.60	15.50
(7) Table Power Saw Operator.....	\$ 40.93	15.50

FOOTNOTE: Work of forming in the construction of open cut
sewers or storm drains, on operations in which horizontal
lagging is used in conjunction with steel H-Beams driven or
placed in pre- drilled holes, for that portion of a lagged
trench against which concrete is poured, namely, as a
substitute for back forms (which work is performed by
piledrivers): \$0.13 per hour additional.

CARP0409-002 07/01/2016

	Rates	Fringes
Diver		
(1) Wet.....	\$ 712.48	17.03
(2) Standby.....	\$ 356.24	17.03
(3) Tender.....	\$ 348.24	17.03
(4) Assistant Tender.....	\$ 324.24	17.03

Amounts in "Rates" column are per day

CARP0409-005 07/01/2015

	Rates	Fringes
Drywall		
DRYWALL INSTALLER/LATHER....\$	40.40	15.03
STOCKER/SCRAPPER.....\$	10.00	7.17

CARP0409-008 08/01/2010

	Rates	Fringes
Modular Furniture Installer.....\$	17.00	7.41

ELEC0569-002 06/04/2018

	Rates	Fringes
Electricians (Electrical contracts of \$500,000 or less)		
Cable Splicer.....\$	41.75	13.38
Tunnel Work.....\$	49.41	3%+12.63
Electrician.....\$	43.25	3%+12.63
Tunnel Work.....\$	48.66	3%+12.63
Electricians: (Electrical contracts of \$500,000 and over)		
Cable Splicer.....\$	48.25	3%+13.63
Tunnel Work.....\$	53.81	3%+13.63
Electrician.....\$	47.50	3%+13.63
Tunnel Work.....\$	53.06	3%+13.63

ELEC0569-005 06/04/2018

	Rates	Fringes
Sound & Communications		
Sound Technician.....\$	31.75	3%+11.78
SCOPE OF WORK Assembly, installation, operation, service and maintenance of components or systems as used in closed circuit television, amplified master television distribution, CATV on private property, intercommunication, burglar alarm, fire alarm, life support and all security alarms, private and public telephone and related telephone interconnect, public address, paging, audio, language, electronic, background music system less than line voltage or any system acceptable for class two wiring for private, commercial, or industrial use furnished by leased wire, frequency modulation or other recording devices, electrical apparatus by means of which electricity is applied to the amplification, transmission, transference, recording or reproduction of voice, music, sound, impulses and video. Excluded from this Scope of Work - transmission, service and maintenance of background music. All of the above shall include the installation and transmission over fiber optics.		

SOUND TECHNICIAN: Terminating, operating and performing final check-out

ELEC0569-006 02/27/2017

Work on street lighting; traffic signals; and underground systems and/or established easements outside of buildings

	Rates	Fringes
Traffic signal, street light and underground work		
Utility Technician #1.....\$	30.48	3%+7.70
Utility Technician #2.....\$	25.45	3%+7.70

STREET LIGHT & TRAFFIC SIGNAL WORK:

UTILITY TECHNICIAN #1: Installation of street lights and traffic signals, including electrical circuitry, programmable controller, pedestal-mounted electrical meter enclosures and laying of pre-assembled cable in ducts. The layout of electrical systems and communication installation including proper position of trench depths, and radius at duct banks, location for manholes, street lights and traffic signals.

UTILITY TECHNICIAN #2: Distribution of material at jobsite, installation of underground ducts for electrical, telephone, cable TV and communication systems. The setting, leveling, grounding and racking of precast manholes, handholes and transformer pads.

ELEC1245-001 06/01/2018

	Rates	Fringes
LINE CONSTRUCTION		
(1) Lineman; Cable splicer..\$ 56.79		17.91
(2) Equipment specialist (operates crawler tractors, commercial motor vehicles, backhoes, trenchers, cranes (50 tons and below), overhead & underground distribution line equipment).....\$ 45.36		16.74
(3) Groundman.....\$ 34.68		16.36
(4) Powderman.....\$ 49.55		3%+17.65

HOLIDAYS: New Year's Day, M.L. King Day, Memorial Day,
Independence Day, Labor Day, Veterans Day, Thanksgiving Day
and day after Thanksgiving, Christmas Day

ELEV0018-001 01/01/2018

	Rates	Fringes
ELEVATOR MECHANIC.....\$ 53.85		32.645

FOOTNOTE:

PAID VACATION: Employer contributes 8% of regular hourly rate as vacation pay credit for employees with more than 5 years of service, and 6% for 6 months to 5 years of service.
PAID HOLIDAYS: New Years Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, Friday after Thanksgiving, and Christmas Day.

ENGI0012-003 07/01/2017

	Rates	Fringes
OPERATOR: Power Equipment (All Other Work)		
GROUP 1.....\$ 44.00		24.25
GROUP 2.....\$ 44.78		24.25
GROUP 3.....\$ 45.07		24.25
GROUP 4.....\$ 46.56		24.25
GROUP 5.....\$ 47.66		24.25
GROUP 6.....\$ 46.78		24.25
GROUP 8.....\$ 46.89		24.25
GROUP 9.....\$ 47.99		24.25
GROUP 10.....\$ 48.01		24.25
GROUP 11.....\$ 48.11		24.25

GROUP 12.....	\$ 47.18	24.25
GROUP 13.....	\$ 47.28	24.25
GROUP 14.....	\$ 47.31	24.25
GROUP 15.....	\$ 47.39	24.25
GROUP 16.....	\$ 47.51	24.25
GROUP 17.....	\$ 47.68	24.25
GROUP 18.....	\$ 47.78	24.25
GROUP 19.....	\$ 47.89	24.25
GROUP 20.....	\$ 48.01	24.25
GROUP 21.....	\$ 48.18	24.25
GROUP 22.....	\$ 48.28	24.25
GROUP 23.....	\$ 48.39	24.25
GROUP 24.....	\$ 48.51	24.25
GROUP 25.....	\$ 48.68	24.25

OPERATOR: Power Equipment
(Cranes, Piledriving &
Hoisting)

GROUP 1.....	\$ 45.35	24.25
GROUP 2.....	\$ 46.13	24.25
GROUP 3.....	\$ 46.42	24.25
GROUP 4.....	\$ 46.56	24.25
GROUP 5.....	\$ 46.78	24.25
GROUP 6.....	\$ 46.89	24.25
GROUP 7.....	\$ 47.01	24.25
GROUP 8.....	\$ 47.18	24.25
GROUP 9.....	\$ 47.35	24.25
GROUP 10.....	\$ 48.35	24.25
GROUP 11.....	\$ 49.35	24.25
GROUP 12.....	\$ 50.35	24.25
GROUP 13.....	\$ 51.35	24.25

OPERATOR: Power Equipment
(Tunnel Work)

GROUP 1.....	\$ 41.80	23.35
GROUP 2.....	\$ 42.58	23.35
GROUP 3.....	\$ 42.87	23.35
GROUP 4.....	\$ 43.01	23.35
GROUP 5.....	\$ 43.23	23.35
GROUP 6.....	\$ 43.34	23.35
GROUP 7.....	\$ 43.46	23.35

PREMIUM PAY:

\$3.75 per hour shall be paid on all Power Equipment Operator work on the following Military Bases: China Lake Naval Reserve, Vandenberg AFB, Point Arguello, Seely Naval Base, Fort Irwin, Nebo Annex Marine Base, Marine Corp Logistics Base Yermo, Edwards AFB, 29 Palms Marine Base and Camp Pendleton

Workers required to suit up and work in a hazardous material environment: \$2.00 per hour additional. Combination mixer and compressor operator on gunite work shall be classified as a concrete mobile mixer operator.

SEE ZONE DEFINITIONS AFTER CLASSIFICATIONS

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Bargeman; Brakeman; Compressor operator; Ditch Witch, with seat or similar type equipment; Elevator operator-inside; Engineer Oiler; Forklift operator (includes loed, lull or similar types under 5 tons; Generator operator; Generator, pump or compressor plant operator; Pump operator; Signalman; Switchman

GROUP 2: Asphalt-rubber plant operator (nurse tank operator); Concrete mixer operator-skip type; Conveyor operator; Fireman; Forklift operator (includes loed, lull or similar types over 5 tons; Hydrostatic pump operator; oiler crusher (asphalt or concrete plant); Petromat laydown machine; PJU side dum jack; Screening and conveyor machine operator (or similar types); Skiploader (wheel type up to 3/4 yd. without attachment); Tar pot fireman; Temporary heating

plant operator; Trenching machine oiler

GROUP 3: Asphalt-rubber blend operator; Bobcat or similar type (Skid steer); Equipment greaser (rack); Ford Ferguson (with dragtype attachments); Helicopter radioman (ground); Stationary pipe wrapping and cleaning machine operator

GROUP 4: Asphalt plant fireman; Backhoe operator (mini-max or similar type); Boring machine operator; Boxman or mixerman (asphalt or concrete); Chip spreading machine operator; Concrete cleaning decontamination machine operator; Concrete Pump Operator (small portable); Drilling machine operator, small auger types (Texoma super economatic or similar types - Hughes 100 or 200 or similar types - drilling depth of 30' maximum); Equipment greaser (grease truck); Guard rail post driver operator; Highline cableway signalman; Hydra-hammer-aero stomper; Micro Tunneling (above ground tunnel); Power concrete curing machine operator; Power concrete saw operator; Power-driven jumbo form setter operator; Power sweeper operator; Rock Wheel Saw/Trencher; Roller operator (compacting); Screed operator (asphalt or concrete); Trenching machine operator (up to 6 ft.); Vacuum or much truck

GROUP 5: Equipment Greaser (Grease Truck/Multi Shift).

GROUP 6: Articulating material hauler; Asphalt plant engineer; Batch plant operator; Bit sharpener; Concrete joint machine operator (canal and similar type); Concrete planer operator; Dandy digger; Deck engine operator; Derrickman (oilfield type); Drilling machine operator, bucket or auger types (Calweld 100 bucket or similar types - Watson 1000 auger or similar types - Texoma 330, 500 or 600 auger or similar types - drilling depth of 45' maximum); Drilling machine operator; Hydrographic seeder machine operator (straw, pulp or seed), Jackson track maintainer, or similar type; Kalamazoo Switch tamper, or similar type; Machine tool operator; Maginnis internal full slab vibrator, Mechanical berm, curb or gutter (concrete or asphalt); Mechanical finisher operator (concrete, Clary-Johnson-Bidwell or similar); Micro tunnel system (below ground); Pavement breaker operator (truck mounted); Road oil mixing machine operator; Roller operator (asphalt or finish), rubber-tired earth moving equipment (single engine, up to and including 25 yds. struck); Self-propelled tar pipelining machine operator; Skiploader operator (crawler and wheel type, over 3/4 yd. and up to and including 1-1/2 yds.); Slip form pump operator (power driven hydraulic lifting device for concrete forms); Tractor operator-bulldozer, tamper-scraper (single engine, up to 100 h.p. flywheel and similar types, up to and including D-5 and similar types); Tugger hoist operator (1 drum); Ultra high pressure waterjet cutting tool system operator; Vacuum blasting machine operator

GROUP 8: Asphalt or concrete spreading operator (tamping or finishing); Asphalt paving machine operator (Barber Greene or similar type); Asphalt-rubber distribution operator; Backhoe operator (up to and including 3/4 yd.), small ford, Case or similar; Cast-in-place pipe laying machine operator; Combination mixer and compressor operator (guniting work); Compactor operator (self-propelled); Concrete mixer operator (paving); Crushing plant operator; Drill Doctor; Drilling machine operator, Bucket or auger types (Calweld 150 bucket or similar types - Watson 1500, 2000 2500 auger or similar types - Texoma 700, 800 auger or similar types - drilling depth of 60' maximum); Elevating grader operator; Grade checker; Gradall operator; Grouting machine operator; Heavy-duty repairman; Heavy equipment robotics operator; Kalamazoo balliste regulator or similar type; Kolman belt loader and similar type; Le Tourneau blob compactor or similar type; Loader operator (Athey, Euclid, Sierra and

similar types); Mobark Chipper or similar; Ozzie padder or similar types; P.C. slot saw; Pneumatic concrete placing machine operator (Hackley-Presswell or similar type); Pumpcrete gun operator; Rock Drill or similar types; Rotary drill operator (excluding caisson type); Rubber-tired earth-moving equipment operator (single engine, caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds. up to and including 50 cu. yds. struck); Rubber-tired earth-moving equipment operator (multiple engine up to and including 25 yds. struck); Rubber-tired scraper operator (self-loading paddle wheel type-John Deere, 1040 and similar single unit); Self-propelled curb and gutter machine operator; Shuttle buggy; Skiploader operator (crawler and wheel type over 1-1/2 yds. up to and including 6-1/2 yds.); Soil remediation plant operator; Surface heaters and planer operator; Tractor compressor drill combination operator; Tractor operator (any type larger than D-5 - 100 flywheel h.p. and over, or similar-bulldozer, tamper, scraper and push tractor single engine); Tractor operator (boom attachments), Traveling pipe wrapping, cleaning and bending machine operator; Trenching machine operator (over 6 ft. depth capacity, manufacturer's rating); trenching Machine with Road Miner attachment (over 6 ft depth capacity); Ultra high pressure waterjet cutting tool system mechanic; Water pull (compaction) operator

GROUP 9: Heavy Duty Repairman

GROUP 10: Drilling machine operator, Bucket or auger types (Calweld 200 B bucket or similar types-Watson 3000 or 5000 auger or similar types-Texoma 900 auger or similar types-drilling depth of 105' maximum); Dual drum mixer, dynamic compactor LDC350 (or similar types); Monorail locomotive operator (diesel, gas or electric); Motor patrol-blade operator (single engine); Multiple engine tractor operator (Euclid and similar type-except Quad 9 cat.); Rubber-tired earth-moving equipment operator (single engine, over 50 yds. struck); Pneumatic pipe ramming tool and similar types; Prestressed wrapping machine operator; Rubber-tired earth-moving equipment operator (single engine, over 50 yds. struck); Rubber tired earth moving equipment operator (multiple engine, Euclid, caterpillar and similar over 25 yds. and up to 50 yds. struck), Tower crane repairman; Tractor loader operator (crawler and wheel type over 6-1/2 yds.); Woods mixer operator (and similar Pugmill equipment)

GROUP 11: Heavy Duty Repairman - Welder Combination, Welder - Certified.

GROUP 12: Auto grader operator; Automatic slip form operator; Drilling machine operator, bucket or auger types (Calweld, auger 200 CA or similar types - Watson, auger 6000 or similar types - Hughes Super Duty, auger 200 or similar types - drilling depth of 175' maximum); Hoe ram or similar with compressor; Mass excavator operator less tha 750 cu. yards; Mechanical finishing machine operator; Mobile form traveler operator; Motor patrol operator (multi-engine); Pipe mobile machine operator; Rubber-tired earth- moving equipment operator (multiple engine, Euclid, Caterpillar and similar type, over 50 cu. yds. struck); Rubber-tired self- loading scraper operator (paddle-wheel-auger type self-loading - two (2) or more units)

GROUP 13: Rubber-tired earth-moving equipment operator operating equipment with push-pull system (single engine, up to and including 25 yds. struck)

GROUP 14: Canal liner operator; Canal trimmer operator; Remote- control earth-moving equipment operator (operating a second piece of equipment: \$1.00 per hour additional);

Wheel excavator operator (over 750 cu. yds.)

GROUP 15: Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (single engine, Caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds. and up to and including 50 yds. struck); Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (multiple engine-up to and including 25 yds. struck)

GROUP 16: Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (single engine, over 50 yds. struck); Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (multiple engine, Euclid, Caterpillar and similar, over 25 yds. and up to 50 yds. struck)

GROUP 17: Rubber-tired earth-moving equipment operator, operating equipment with push-pull system (multiple engine, Euclid, Caterpillar and similar, over 50 cu. yds. struck); Tandem tractor operator (operating crawler type tractors in tandem - Quad 9 and similar type)

GROUP 18: Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - single engine, up to and including 25 yds. struck)

GROUP 19: Rotex concrete belt operator (or similar types); Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - single engine, Caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds. and up to and including 50 cu. yds. struck); Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - multiple engine, up to and including 25 yds. struck)

GROUP 20: Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - single engine, over 50 yds. struck); Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - multiple engine, Euclid, Caterpillar and similar, over 25 yds. and up to 50 yds. struck)

GROUP 21: Rubber-tired earth-moving equipment operator, operating in tandem (scrapers, belly dumps and similar types in any combination, excluding compaction units - multiple engine, Euclid, Caterpillar and similar type, over 50 cu. yds. struck)

GROUP 22: Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (single engine, up to and including 25 yds. struck)

GROUP 23: Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (single engine, Caterpillar, Euclid, Athey Wagon and similar types with any and all attachments over 25 yds. and up to and including 50 yds. struck); Rubber-tired earth-moving equipment operator, operating with the tandem push-pull system (multiple engine, up to and including 25 yds. struck)

GROUP 24: Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (single engine, over 50 yds. struck); Rubber-tired earth-moving equipment operator, operating equipment with

the tandem push-pull system (multiple engine, Euclid, Caterpillar and similar, over 25 yds. and up to 50 yds. struck)

GROUP 25: Concrete pump operator-truck mounted; Rubber-tired earth-moving equipment operator, operating equipment with the tandem push-pull system (multiple engine, Euclid, Caterpillar and similar type, over 50 cu. yds. struck)

CRANES, PILEDRIVING AND HOISTING EQUIPMENT CLASSIFICATIONS

GROUP 1: Engineer oiler; Fork lift operator (includes loed, lull or similar types)

GROUP 2: Truck crane oiler

GROUP 3: A-frame or winch truck operator; Ross carrier operator (jobsite)

GROUP 4: Bridge-type unloader and turntable operator; Helicopter hoist operator

GROUP 5: Hydraulic boom truck; Stinger crane (Austin-Western or similar type); Tugger hoist operator (1 drum)

GROUP 6: Bridge crane operator; Cretor crane operator; Hoist operator (Chicago boom and similar type); Lift mobile operator; Lift slab machine operator (Vagtborg and similar types); Material hoist and/or manlift operator; Polar gantry crane operator; Self Climbing scaffold (or similar type); Shovel, backhoe, dragline, clamshell operator (over 3/4 yd. and up to 5 cu. yds. mrc); Tugger hoist operator

GROUP 7: Pedestal crane operator; Shovel, backhoe, dragline, clamshell operator (over 5 cu. yds. mrc); Tower crane repair; Tugger hoist operator (3 drum)

GROUP 8: Crane operator (up to and including 25 ton capacity); Crawler transporter operator; Derrick barge operator (up to and including 25 ton capacity); Hoist operator, stiff legs, Guy derrick or similar type (up to and including 25 ton capacity); Shovel, backhoe, dragline, clamshell operator (over 7 cu. yds., M.R.C.)

GROUP 9: Crane operator (over 25 tons and up to and including 50 tons mrc); Derrick barge operator (over 25 tons up to and including 50 tons mrc); Highline cableway operator; Hoist operator, stiff legs, Guy derrick or similar type (over 25 tons up to and including 50 tons mrc); K-crane operator; Polar crane operator; Self erecting tower crane operator maximum lifting capacity ten tons

GROUP 10: Crane operator (over 50 tons and up to and including 100 tons mrc); Derrick barge operator (over 50 tons up to and including 100 tons mrc); Hoist operator, stiff legs, Guy derrick or similar type (over 50 tons up to and including 100 tons mrc); Mobile tower crane operator (over 50 tons, up to and including 100 tons M.R.C.); Tower crane operator and tower gantry

GROUP 11: Crane operator (over 100 tons and up to and including 200 tons mrc); Derrick barge operator (over 100 tons up to and including 200 tons mrc); Hoist operator, stiff legs, Guy derrick or similar type (over 100 tons up to and including 200 tons mrc); Mobile tower crane operator (over 100 tons up to and including 200 tons mrc)

GROUP 12: Crane operator (over 200 tons up to and including 300 tons mrc); Derrick barge operator (over 200 tons up to and including 300 tons mrc); Hoist operator, stiff legs, Guy derrick or similar type (over 200 tons, up to and including 300 tons mrc); Mobile tower crane operator (over

200 tons, up to and including 300 tons mrc)

GROUP 13: Crane operator (over 300 tons); Derrick barge operator (over 300 tons); Helicopter pilot; Hoist operator, stiff legs, Guy derrick or similar type (over 300 tons); Mobile tower crane operator (over 300 tons)

TUNNEL CLASSIFICATIONS

GROUP 1: Skiploader (wheel type up to 3/4 yd. without attachment)

GROUP 2: Power-driven jumbo form setter operator

GROUP 3: Dinkey locomotive or motorperson (up to and including 10 tons)

GROUP 4: Bit sharpener; Equipment greaser (grease truck); Slip form pump operator (power-driven hydraulic lifting device for concrete forms); Tugger hoist operator (1 drum); Tunnel locomotive operator (over 10 and up to and including 30 tons)

GROUP 5: Backhoe operator (up to and including 3/4 yd.); Small Ford, Case or similar; Drill doctor; Grouting machine operator; Heading shield operator; Heavy-duty repairperson; Loader operator (Athey, Euclid, Sierra and similar types); Mucking machine operator (1/4 yd., rubber-tired, rail or track type); Pneumatic concrete placing machine operator (Hackley-Presswell or similar type); Pneumatic heading shield (tunnel); Pumpcrete gun operator; Tractor compressor drill combination operator; Tugger hoist operator (2 drum); Tunnel locomotive operator (over 30 tons)

GROUP 6: Heavy Duty Repairman

GROUP 7: Tunnel mole boring machine operator

ENGINEERS ZONES

\$1.00 additional per hour for all of IMPERIAL County and the portions of KERN, RIVERSIDE & SAN BERNARDINO Counties as defined below:

That area within the following Boundary: Begin in San Bernardino County, approximately 3 miles NE of the intersection of I-15 and the California State line at that point which is the NW corner of Section 1, T17N,m R14E, San Bernardino Meridian. Continue W in a straight line to that point which is the SW corner of the northwest quarter of Section 6, T27S, R42E, Mt. Diablo Meridian. Continue North to the intersection with the Inyo County Boundary at that point which is the NE corner of the western half of the northern quarter of Section 6, T25S, R42E, MDM. Continue W along the Inyo and San Bernardino County boundary until the intersection with Kern County, as that point which is the SE corner of Section 34, T24S, R40E, MDM. Continue W along the Inyo and Kern County boundary until the intersection with Tulare County, at that point which is the SW corner of the SE quarter of Section 32, T24S, R37E, MDM. Continue W along the Kern and Tulare County boundary, until that point which is the NW corner of T25S, R32E, MDM. Continue S following R32E lines to the NW corner of T31S, R32E, MDM. Continue W to the NW corner of T31S, R31E, MDM. Continue S to the SW corner of T32S, R31E, MDM. Continue W to SW corner of SE quarter of Section 34, T32S, R30E, MDM. Continue S to SW corner of T11N, R17W, SBM. Continue E along south boundary of T11N, SBM to SW corner of T11N, R7W, SBM. Continue S to SW corner of T9N, R7W, SBM. Continue E along south boundary of T9N, SBM to SW corner of T9N, R1E, SBM. Continue S along west boundary of R1E, SMB to Riverside County line at the SW corner of T1S, R1E, SBM. Continue E along south boundary of T1s, SBM (Riverside County Line) to SW corner of

T1S, R10E, SBM. Continue S along west boundary of R10E, SBM to Imperial County line at the SW corner of T8S, R10E, SBM. Continue W along Imperial and Riverside county line to NW corner of T9S, R9E, SBM. Continue S along the boundary between Imperial and San Diego Counties, along the west edge of R9E, SBM to the south boundary of Imperial County/California state line. Follow the California state line west to Arizona state line, then north to Nevada state line, then continuing NW back to start at the point which is the NW corner of Section 1, T17N, R14E, SBM

\$1.00 additional per hour for portions of SAN LUIS OBISPO, KERN, SANTA BARBARA & VENTURA as defined below:

That area within the following Boundary: Begin approximately 5 miles north of the community of Cholame, on the Monterey County and San Luis Obispo County boundary at the NW corner of T25S, R16E, Mt. Diablo Meridian. Continue south along the west side of R16E to the SW corner of T30S, R16E, MDM. Continue E to SW corner of T30S, R17E, MDM. Continue S to SW corner of T31S, R17E, MDM. Continue E to SW corner of T31S, R18E, MDM. Continue S along West side of R18E, MDM as it crosses into San Bernardino Meridian numbering area and becomes R30W. Follow the west side of R30W, SBM to the SW corner of T9N, R30W, SBM. Continue E along the south edge of T9N, SBM to the Santa Barbara County and Ventura County boundary at that point which is the SW corner of Section 34. T9N, R24W, SBM, continue S along the Ventura County line to that point which is the SW corner of the SE quarter of Section 32, T7N, R24W, SBM. Continue E along the south edge of T7N, SBM to the SE corner to T7N, R21W, SBM. Continue N along East side of R21W, SBM to Ventura County and Kern County boundary at the NE corner of T8N, R21W. Continue W along the Ventura County and Kern County boundary to the SE corner of T9N, R21W. Continue North along the East edge of R21W, SBM to the NE corner of T12N, R21W, SBM. Continue West along the north edge of T12N, SBM to the SE corner of T32S, R21E, MDM. [T12N SBM is a thin strip between T11N SBM and T32S MDM]. Continue North along the East side of R21E, MDM to the Kings County and Kern County border at the NE corner of T25S, R21E, MDM, continue West along the Kings County and Kern County Boundary until the intersection of San Luis Obispo County. Continue west along the Kings County and San Luis Obispo County boundary until the intersection with Monterey County. Continue West along the Monterey County and San Luis Obispo County boundary to the beginning point at the NW corner of T25S, R16E, MDM.

\$2.00 additional per hour for INYO and MONO Counties and the Northern portion of SAN BERNARDINO County as defined below:

That area within the following Boundary: Begin at the intersection of the northern boundary of Mono County and the California state line at the point which is the center of Section 17, T10N, R22E, Mt. Diablo Meridian. Continue S then SE along the entire western boundary of Mono County, until it reaches Inyo County at the point which is the NE corner of the Western half of the NW quarter of Section 2, T8S, R29E, MDM. Continue SSE along the entire western boundary of Inyo County, until the intersection with Kern County at the point which is the SW corner of the SE 1/4 of Section 32, T24S, R37E, MDM. Continue E along the Inyo and Kern County boundary until the intersection with San Bernardino County at that point which is the SE corner of section 34, T24S, R40E, MDM. Continue E along the Inyo and San Bernardino County boundary until the point which is the NE corner of the Western half of the NW quarter of Section 6, T25S, R42E, MDM. Continue S to that point which is the SW corner of the NW quarter of Section 6, T27S, R42E, MDM. Continue E in a straight line to the California and Nevada state border at the point which is the NW corner of Section 1, T17N, R14E, San Bernardino Meridian. Then continue NW along the state line to the starting point, which is the center of

Section 18, T10N, R22E, MDM.

REMAINING AREA NOT DEFINED ABOVE RECIEVES BASE RATE

ENGI0012-004 08/01/2015

	Rates	Fringes
OPERATOR: Power Equipment (DREDGING)		
(1) Leverman.....	\$ 49.50	23.60
(2) Dredge dozer.....	\$ 43.53	23.60
(3) Deckmate.....	\$ 43.42	23.60
(4) Winch operator (stern winch on dredge).....	\$ 42.87	23.60
(5) Fireman-Oiler, Deckhand, Bargeman, Leveehand.....	\$ 42.33	23.60
(6) Barge Mate.....	\$ 42.94	23.60

IRON0377-002 01/01/2017

	Rates	Fringes
Ironworkers:		
Fence Erector.....	\$ 29.58	21.59
Ornamental, Reinforcing and Structural.....	\$ 36.00	30.15

PREMIUM PAY:

\$6.00 additional per hour at the following locations:

China Lake Naval Test Station, Chocolate Mountains Naval
Reserve-Niland,
Edwards AFB, Fort Irwin Military Station, Fort Irwin Training
Center-Goldstone, San Clemente Island, San Nicholas Island,
Susanville Federal Prison, 29 Palms - Marine Corps, U.S. Marine
Base - Barstow, U.S. Naval Air Facility - Seale, Vandenberg AFB

\$4.00 additional per hour at the following locations:

Army Defense Language Institute - Monterey, Fallon Air Base,
Naval Post Graduate School - Monterey, Yermo Marine Corps
Logistics Center

\$2.00 additional per hour at the following locations:

Port Hueneme, Port Mugu, U.S. Coast Guard Station - Two Rock

LAB00300-005 01/01/2018

	Rates	Fringes
Asbestos Removal Laborer.....	\$ 33.19	17.78

SCOPE OF WORK: Includes site mobilization, initial site
cleanup, site preparation, removal of asbestos-containing
material and toxic waste, encapsulation, enclosure and
disposal of asbestos- containing materials and toxic waste
by hand or with equipment or machinery; scaffolding,
fabrication of temporary wooden barriers and assembly of
decontamination stations.

LAB00345-001 07/02/2017

	Rates	Fringes
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LABORER (GUNITE)

GROUP 1.....	\$ 41.08	17.39
GROUP 2.....	\$ 40.13	17.39
GROUP 3.....	\$ 36.59	17.39

FOOTNOTE: GUNITE PREMIUM PAY: Workers working from a Bosn'n's Chair or suspended from a rope or cable shall receive 40 cents per hour above the foregoing applicable classification rates. Workers doing gunite and/or shotcrete work in a tunnel shall receive 35 cents per hour above the foregoing applicable classification rates, paid on a portal-to-portal basis. Any work performed on, in or above any smoke stack, silo, storage elevator or similar type of structure, when such structure is in excess of 75'-0" above base level and which work must be performed in whole or in part more than 75'-0" above base level, that work performed above the 75'-0" level shall be compensated for at 35 cents per hour above the applicable classification wage rate.

GUNITE LABORER CLASSIFICATIONS

GROUP 1: Rodmen, Nozzlemen

GROUP 2: Gunmen

GROUP 3: Reboundmen

LAB01184-001 07/01/2017

	Rates	Fringes
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Laborers: (HORIZONTAL

DIRECTIONAL DRILLING)

(1) Drilling Crew Laborer...	\$ 34.65	13.20
(2) Vehicle Operator/Hauler.	\$ 34.82	13.20
(3) Horizontal Directional Drill Operator.....	\$ 36.67	13.20
(4) Electronic Tracking Locator.....	\$ 38.67	13.20

Laborers: (STRIPING/SLURRY

SEAL)

GROUP 1.....	\$ 35.86	16.21
GROUP 2.....	\$ 37.16	16.21
GROUP 3.....	\$ 39.17	16.21
GROUP 4.....	\$ 40.91	16.21

LABORERS - STRIPING CLASSIFICATIONS

GROUP 1: Protective coating, pavement sealing, including repair and filling of cracks by any method on any surface in parking lots, game courts and playgrounds; carstops; operation of all related machinery and equipment; equipment repair technician

GROUP 2: Traffic surface abrasive blaster; pot tender - removal of all traffic lines and markings by any method (sandblasting, waterblasting, grinding, etc.) and preparation of surface for coatings. Traffic control person: controlling and directing traffic through both conventional and moving lane closures; operation of all related machinery and equipment

GROUP 3: Traffic delineating device applicator: Layout and application of pavement markers, delineating signs, rumble and traffic bars, adhesives, guide markers, other traffic delineating devices including traffic control. This category includes all traffic related surface preparation (sandblasting, waterblasting, grinding) as part of the application process. Traffic protective delineating system

installer; removes, relocates, installs, permanently affixed roadside and parking delineation barricades, fencing, cable anchor, guard rail, reference signs, monument markers; operation of all related machinery and equipment; power broom sweeper

GROUP 4: Striper: layout and application of traffic stripes and markings; hot thermo plastic; tape traffic stripes and markings, including traffic control; operation of all related machinery and equipment

LABO1184-002 07/03/2017

	Rates	Fringes
LABORER (TUNNEL)		
GROUP 1.....	\$ 39.04	18.24
GROUP 2.....	\$ 39.36	18.24
GROUP 3.....	\$ 39.82	18.24
GROUP 4.....	\$ 40.51	18.24
LABORER		
GROUP 1.....	\$ 33.19	18.24
GROUP 2.....	\$ 33.74	18.24
GROUP 3.....	\$ 34.29	18.24
GROUP 4.....	\$ 35.84	18.24
GROUP 5.....	\$ 36.19	18.24

LABORER CLASSIFICATIONS

GROUP 1: Cleaning and handling of panel forms; Concrete screeding for rough strike-off; Concrete, water curing; Demolition laborer, the cleaning of brick if performed by a worker performing any other phase of demolition work, and the cleaning of lumber; Fire watcher, limber, brush loader, piler and debris handler; Flag person; Gas, oil and/or water pipeline laborer; Laborer, asphalt-rubber material loader; Laborer, general or construction; Laborer, general clean-up; Laborer, landscaping; Laborer, jetting; Laborer, temporary water and air lines; Material hose operator (walls, slabs, floors and decks); Plugging, filling of shee bolt holes; Dry packing of concrete; Railroad maintenance, repair track person and road beds; Streetcar and railroad construction track laborers; Rigging and signaling; Scaler; Slip form raiser; Tar and mortar; Tool crib or tool house laborer; Traffic control by any method; Window cleaner; Wire mesh pulling - all concrete pouring operations

GROUP 2: Asphalt shoveler; Cement dumper (on 1 yd. or larger mixer and handling bulk cement); Cesspool digger and installer; Chucktender; Chute handler, pouring concrete, the handling of the chute from readymix trucks, such as walls, slabs, decks, floors, foundation, footings, curbs, gutters and sidewalks; Concrete curer, impervious membrane and form oiler; Cutting torch operator (demolition); Fine grader, highways and street paving, airport, runways and similar type heavy construction; Gas, oil and/or water pipeline wrapper - pot tender and form person; Guinea chaser; Headerboard person - asphalt; Laborer, packing rod steel and pans; Membrane vapor barrier installer; Power broom sweeper (small); Riprap stonepaver, placing stone or wet sacked concrete; Roto scraper and tiller; Sandblaster (pot tender); Septic tank digger and installer(lead); Tank scaler and cleaner; Tree climber, faller, chain saw operator, Pittsburgh chipper and similar type brush shredder; Underground laborer, including caisson bellow

GROUP 3: Buggymobile person; Concrete cutting torch; Concrete pile cutter; Driller, jackhammer, 2-1/2 ft. drill steel or longer; Dri-pak-it machine; Gas, oil and/or water pipeline wrapper, 6-in. pipe and over, by any method, inside and out; High scaler (including drilling of same); Hydro seeder

and similar type; Impact wrench multi-plate; Kettle person, pot person and workers applying asphalt, lay-kold, creosote, lime caustic and similar type materials ("applying" means applying, dipping, brushing or handling of such materials for pipe wrapping and waterproofing); Operator of pneumatic, gas, electric tools, vibrating machine, pavement breaker, air blasting, come-alongs, and similar mechanical tools not separately classified herein; Pipelayer's backup person, coating, grouting, making of joints, sealing, caulking, diapering and including rubber gasket joints, pointing and any and all other services; Rock slinger; Rotary scarifier or multiple head concrete chipping scarifier; Steel headerboard and guideline setter; Tamper, Barko, Wacker and similar type; Trenching machine, hand-propelled

GROUP 4: Asphalt raker, lute person, ironer, asphalt dump person, and asphalt spreader boxes (all types); Concrete core cutter (walls, floors or ceilings), grinder or sander; Concrete saw person, cutting walls or flat work, scoring old or new concrete; Cribber, shorer, lagging, sheeting and trench bracing, hand-guided lagging hammer; Head rock slinger; Laborer, asphalt- rubber distributor boot person; Laser beam in connection with laborers' work; Oversize concrete vibrator operator, 70 lbs. and over; Pipelayer performing all services in the laying and installation of pipe from the point of receiving pipe in the ditch until completion of operation, including any and all forms of tubular material, whether pipe, metallic or non-metallic, conduit and any other stationary type of tubular device used for the conveying of any substance or element, whether water, sewage, solid gas, air, or other product whatsoever and without regard to the nature of material from which the tubular material is fabricated; No-joint pipe and stripping of same; Prefabricated manhole installer; Sandblaster (nozzle person), water blasting, Porta Shot-Blast

GROUP 5: Blaster powder, all work of loading holes, placing and blasting of all powder and explosives of whatever type, regardless of method used for such loading and placing; Driller: All power drills, excluding jackhammer, whether core, diamond, wagon, track, multiple unit, and any and all other types of mechanical drills without regard to the form of motive power; Toxic waste removal

TUNNEL LABORER CLASSIFICATIONS

GROUP 1: Batch plant laborer; Changehouse person; Dump person; Dump person (outside); Swamper (brake person and switch person on tunnel work); Tunnel materials handling person; Nipper; Pot tender, using mastic or other materials (for example, but not by way of limitation, shotcrete, etc.)

GROUP 2: Chucktender, cabletender; Loading and unloading agitator cars; Vibrator person, jack hammer, pneumatic tools (except driller); Bull gang mucker, track person; Concrete crew, including rodder and spreader

GROUP 3: Blaster, driller, powder person; Chemical grout jet person; Cherry picker person; Grout gun person; Grout mixer person; Grout pump person; Jackleg miner; Jumbo person; Kemper and other pneumatic concrete placer operator; Miner, tunnel (hand or machine); Nozzle person; Operating of troweling and/or grouting machines; Powder person (primer house); Primer person; Sandblaster; Shotcrete person; Steel form raiser and setter; Timber person, retimber person, wood or steel; Tunnel Concrete finisher

GROUP 4: Diamond driller; Sandblaster; Shaft and raise work

LAB01184-004 07/01/2017

	Rates	Fringes
Brick Tender.....	\$ 31.36	17.82

LAB01414-003 08/02/2017		

	Rates	Fringes
LABORER		
PLASTER CLEAN-UP LABORER....	\$ 35.50	18.29
PLASTER TENDER.....	\$ 38.05	18.29

Work on a swing stage scaffold: \$1.00 per hour additional.

Work at Military Bases - \$3.00 additional per hour:
 Coronado Naval Amphibious Base, Fort Irwin, Marine Corps Air Station-29 Palms, Imperial Beach Naval Air Station, Marine Corps Logistics Supply Base, Marine Corps Pickle Meadows, Mountain Warfare Training Center, Naval Air Facility-Seeley, North Island Naval Air Station, Vandenberg AFB.

 * PAIN0036-001 07/01/2018

	Rates	Fringes
Painters: (Including Lead Abatement)		
(1) Repaint (excludes San Diego County).....	\$ 27.59	14.92
(2) All Other Work.....	\$ 31.12	15.04

REPAINT of any previously painted structure. Exceptions: work involving the aerospace industry, breweries, commercial recreational facilities, hotels which operate commercial establishments as part of hotel service, and sports facilities.

 PAIN0036-008 10/01/2017

	Rates	Fringes
DRYWALL FINISHER/TAPER.....	\$ 38.58	18.57

PAIN0036-013 10/01/2017

	Rates	Fringes
GLAZIER.....	\$ 42.55	18.57

PAIN0036-019 01/01/2018

	Rates	Fringes
SOFT FLOOR LAYER.....	\$ 30.02	13.68

PLAS0200-004 08/02/2017

	Rates	Fringes
PLASTERER.....	\$ 41.26	14.46

Work at Naval Air Facility Seeley: \$3.00 additional per hour

 PLAS0500-002 07/01/2018

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 35.75	22.48

PLUM0016-008 07/01/2017

	Rates	Fringes
PLUMBER/PIPEFITTER		
El Centro Naval Air Facility.....	\$ 56.46	20.71
Plumber and Pipefitter		
All other work except work on new additions and remodeling of bars, restaurant, stores and commercial buildings not to exceed 5,000 sq. ft. of floor space and work on strip malls, light commercial, tenant improvement and remodel work.....	\$ 49.28	21.61
Work ONLY on new additions and remodeling of bars, restaurants, stores and commercial buildings, not to exceed 5,000 sq. ft. of floor space.....	\$ 47.76	20.63
Work ONLY on strip malls, light commercial, tenant improvement and remodel work.....	\$ 36.91	18.96

PLUM0078-001 07/01/2016

	Rates	Fringes
PLUMBER		
Landscape/Irrigation Fitter.....	\$ 44.16	25.19
Sewer & Storm Drain Work....	\$ 44.16	25.19

ROOF0045-001 07/01/2017

	Rates	Fringes
ROOFER.....	\$ 30.73	8.43

SFCA0669-002 04/01/2017

	Rates	Fringes
SPRINKLER FITTER.....	\$ 38.28	15.84

SHEE0206-002 07/01/2017

	Rates	Fringes
Sheet Metal (TECHNICIAN).....	\$ 27.70	8.43
SHEET METAL WORKER.....	\$ 36.88	26.52

SHEET METAL TECHNICIAN - SCOPE:

LIGHT COMMERCIAL WORK: Any sheet metal, heating and air conditioning work performed on a project where the total construction cost, excluding land, is under \$1,000,000.

TENANT IMPROVEMENT WORK: Any work necessary to finish interior spaces to conform to the occupants of commercial buildings, after completion of the building shell

TEAM0011-002 07/01/2017

	Rates	Fringes
TRUCK DRIVER		

GROUP 1.....	\$ 29.59	27.74
GROUP 2.....	\$ 29.74	27.74
GROUP 3.....	\$ 29.87	27.74
GROUP 4.....	\$ 30.06	27.74
GROUP 5.....	\$ 30.09	27.74
GROUP 6.....	\$ 30.12	27.74
GROUP 7.....	\$ 30.37	27.74
GROUP 8.....	\$ 30.62	27.74
GROUP 9.....	\$ 30.82	27.74
GROUP 10.....	\$ 31.12	27.74
GROUP 11.....	\$ 31.62	27.74
GROUP 12.....	\$ 32.05	27.74

WORK ON ALL MILITARY BASES:

PREMIUM PAY: \$3.00 per hour additional.

[29 palms Marine Base, Camp Roberts, China Lake, Edwards AFB,
El Centro Naval Facility, Fort Irwin, Marine Corps
Logistics Base at Nebo & Yermo, Mountain Warfare Training
Center, Bridgeport, Point Arguello, Point Conception,
Vandenberg AFB]

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: Truck driver

GROUP 2: Driver of vehicle or combination of vehicles - 2
axles; Traffic control pilot car excluding moving heavy
equipment permit load; Truck mounted broom

GROUP 3: Driver of vehicle or combination of vehicles - 3
axles; Boot person; Cement mason distribution truck; Fuel
truck driver; Water truck - 2 axle; Dump truck, less than
16 yds. water level; Erosion control driver

GROUP 4: Driver of transit mix truck, under 3 yds.; Dumpcrete
truck, less than 6-1/2 yds. water level

GROUP 5: Water truck, 3 or more axles; Truck greaser and tire
person (\$0.50 additional for tire person); Pipeline and
utility working truck driver, including winch truck and
plastic fusion, limited to pipeline and utility work;
Slurry truck driver

GROUP 6: Transit mix truck, 3 yds. or more; Dumpcrete truck,
6-1/2 yds. water level and over; Vehicle or combination of
vehicles - 4 or more axles; Oil spreader truck; Dump truck,
16 yds. to 25 yds. water level

GROUP 7: A Frame, Swedish crane or similar; Forklift driver;
Ross carrier driver

GROUP 8: Dump truck, 25 yds. to 49 yds. water level; Truck
repair person; Water pull - single engine; Welder

GROUP 9: Truck repair person/welder; Low bed driver, 9 axles
or over

GROUP 10: Dump truck - 50 yds. or more water level; Water
pull - single engine with attachment

GROUP 11: Water pull - twin engine; Water pull - twin engine
with attachments; Winch truck driver - \$1.25 additional
when operating winch or similar special attachments

GROUP 12: Boom Truck 17K and above

WELDERS - Receive rate prescribed for craft performing
operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007

in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

DEPARTMENT OF INDUSTRIAL RELATIONS
Office of the Director – Research Unit
455 Golden Gate Avenue, 9th Floor
San Francisco, CA 94102

MAILING ADDRESS:
P. O. Box 420603
San Francisco, CA 94142-0603



June 4, 2018

IMPORTANT NOTICE TO AWARDING BODIES AND OTHER INTERESTED PARTIES
REGARDING A MODIFICATION TO THE
DIRECTOR'S GENERAL PREVAILING WAGE DETERMINATIONS

Dear Public Official/ Other Interested Parties:

CRAFT: Electrician: Sound and Signal Technician (First Shift)
LOCALITY: All localities within Imperial and San Diego Counties
DETERMINATION: IMP-2018-1, SDI-2018-1

The predetermined increase of \$1.03 scheduled to take effect on June 4, 2018, is incorrect. The correct predetermined increase is as follows:

Effective June 4, 2018, there will be an increase of \$1.02 allocated as follows: \$0.75 to Basic Hourly Rate, \$0.25 to Pension and \$0.02 to NEBF (Pension).

There are no further increases applicable to this determination.

CRAFT: Electrician: Sound and Signal Technician (Second Shift)
LOCALITY: All localities within Imperial and San Diego Counties
DETERMINATION: IMP-2018-1, SDI-2018-1

The predetermined increase of \$1.22 scheduled to take effect on June 4, 2018, is incorrect. The correct predetermined increase is as follows:

Effective June 4, 2018, there will be an increase of \$1.16 allocated as follows: \$0.88 to Basic Hourly Rate, \$0.25 to Pension and \$0.03 to NEBF (Pension).

There are no further increases applicable to this determination.

CRAFT: Electrician: Sound and Signal Technician (Third Shift)
LOCALITY: All localities within Imperial and San Diego Counties
DETERMINATION: IMP-2018-1, SDI-2018-1

The predetermined increase of \$1.36 scheduled to take effect on June 4, 2018, is incorrect. The correct predetermined increase is as follows:

Effective June 4, 2018, there will be an increase of \$1.27 allocated as follows: \$0.99 to Basic Hourly Rate, \$0.25 to Pension and \$0.03 to NEBF (Pension).

There are no further increases applicable to this determination.

With the exception of the above correction, all of the wage rates, and other conditions found in the above referenced determination remain unchanged.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: # ASBESTOS WORKER, HEAT AND FROST INSULATOR

DETERMINATION: SC-3-5-1-2017-1

ISSUE DATE: August 22, 2017

EXPIRATION DATE OF DETERMINATION: July 1, 2018** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

LOCALITY: All localities within Imperial, Inyo, Kern, Los Angeles, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara and Ventura Counties.

Classification (Journey person)	Basic Hourly Rate	Employer Payments					Straight-Time		Overtime Hourly Rate				
		Health and Welfare	Pension	Vacation/ Holiday	Training	Other Payments	Hours	Total Hourly Rate	Daily 1 1/2x	2x	Saturday 1 1/2x	2x	Sunday and Holiday
Mechanic	^a 39.72	^b 9.14	^c 8.01	2.99	0.84	-	8	60.70	^e 80.56	100.42	^d 80.56	100.42	^e 100.42

DETERMINATION: SC-3-5-3-2016-1

ISSUE DATE: August 22, 2016

EXPIRATION DATE OF DETERMINATION: July 2, 2017*. Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Hazardous Material Handler Mechanic	^h 18.38	^f 4.54	6.06	-	0.22	-	8	29.20	38.39	-	38.39	-	^g 38.39
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[#] Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

^a Includes 6.5% of employees gross wage for dues/service fee check-off plus \$0.25 for supplemental dues.

^b Occupational Health and Research Plan included in Health and Welfare.

^c Rate applies to the first 2 overtime hours. Applies to all daily overtime hours on maintenance and asbestos abatement projects.

^d Rate applies to first 8 hours worked on new construction. Applies to all Saturday hours on maintenance and asbestos abatement projects.

^e \$140.14 per hour for work on Labor Day. For maintenance and asbestos abatement projects, Sundays and observed holidays may be worked at the time and one half rate.

^f Includes \$0.40 for medical monitoring in compliance with industry regulations procedures and \$0.12 for Occupational Health Plan

^g \$65.96 per hour for work on Labor Day.

^h Includes 5% of employees gross wage for dues/service fee check-off plus \$0.06 for supplemental dues.

ⁱ Pursuant to Labor Code Sections 1773.1 and 1773.8, the amount paid for the employer payment may vary resulting in a lower taxable Basic Hourly Rate, but the Total Hourly Rates for Straight Time and Overtime may not be less than the general prevailing rate of per diem wages.

Note: Asbestos removal workers must be trained and the work conducted according to the Code of Federal Regulations 29 CFR 1926.58, the California Labor Code 6501.5 and the California Code of Regulations, Title 8, Section 5208. Contractors must be certified by the Contractors' State License Board and registered with the Division of Occupational Safety and Health (DOSH). For further information, contact the Asbestos Contractors Abatement Registration Unit, DOSH at (510)286-7362.

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: ASBESTOS AND LEAD ABATEMENT (LABORER)

DETERMINATION: SC-102-882-1-2018-1

ISSUE DATE: February 22, 2018

EXPIRATION DATE OF DETERMINATION: September 30, 2018* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after ten days after the expiration date if no subsequent determination is issued.

LOCALITY: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara and Ventura Counties

Classification (Journey person)	<u>Employer Payments</u>						<u>Straight-Time</u>		<u>Overtime Hourly Rate</u>		
	Basic Hourly Rate	Health and Welfare	Pension	Vacation/ Holiday ^a	Training	Other ^b	Hours	Total Hourly Rate	Daily 1 1/2X	Saturday ^c 1 1/2X	Sunday/ Holiday 2X
Asbestos and Lead Abatement Worker	\$33.19	7.00	7.46	4.45	0.75	0.39	8	\$53.24	\$69.835	\$69.835	\$86.43

^a Includes an amount for supplemental dues.

^b Includes amounts for Center for Contract Compliance, Contract Administration Fund, Industry Fund, and Laborers' Trust Administrative Trust Fund.

^c Saturdays in the same work week may be worked at straight-time if the job is shut down during the normal work week due to inclement weather, or reasons beyond the control of the employer.

NOTE: Asbestos Abatement must be trained and the work conducted according to the Code of Federal Regulations 29 CFR 1926.58, the California Labor Code 6501.5 and the California Code of Regulations Title 8, Section 5208. Contractors must be certified by the Contractors' State License Board and registered with the Division of Occupational Safety and Health (DOSH). For further information, contact the Asbestos Contractors Abatement Registration Unit, DOSH at (916) 574-2993.

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director - Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the Travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Travel and/or Subsistence provisions for current or superseded determinations may be obtained by contacting the Office of the Director - Research Unit at (415) 703-4774.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: # BOILERMAKER-BLACKSMITH

DETERMINATION: C-14-X-2-2017-1

ISSUE DATE: February 22, 2017

EXPIRATION DATE OF DETERMINATION: September 30, 2017* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

LOCALITY: All localities within the State of California

CLASSIFICATION (Journey person)	Employer Payments						Straight-Time		Overtime Hourly Rate		
	Basic Hourly Rate	Health and Welfare	Pension ^d	Vacation/ Holiday	Training	Other Payments	Hours	Total Hourly Rate	Daily 1 1/2X	Saturday 1 1/2X	Sunday/ Holiday 2X
^a AREA 1 Boilermaker-Blacksmith	\$42.16	\$8.57	^b \$17.26	^b \$3.50	\$3.90	\$0.44	8	\$75.83	^c \$107.29	^c \$107.29	\$138.75
^a AREA 2 Boilermaker-Blacksmith	\$43.28	\$8.57	^b \$20.94	^b \$4.00	\$4.40	\$0.44	8	\$81.63	^c \$115.74	^c \$115.74	\$149.85
^a AREA 3 Boilermaker-Blacksmith	\$39.68	\$8.57	^b \$19.24	^b \$3.50	\$4.40	\$0.44	8	\$75.83	^c \$107.04	^c \$107.04	\$138.25

DETERMINATION: C-14-X-2-2017-1

ISSUE DATE: February 22, 2017

EXPIRATION DATE OF DETERMINATION: September 30, 2017* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

LOCALITY: All localities within the State of California

^a AREA 1 Boilermaker-Blacksmith Helper ^f	\$23.19	e	^b \$0.61	-	\$1.50	\$0.34	8	\$25.64	^c \$37.54	^c \$37.54	\$49.44
^a AREA 2 Boilermaker-Blacksmith Helper ^f	\$23.80	e	^b \$0.69	-	\$4.40	\$0.44	8	\$29.33	^c \$41.58	^c \$41.58	\$53.82
^a AREA 3 Boilermaker-Blacksmith Helper ^f	\$21.82	e	^b \$0.69	-	\$4.40	\$0.44	8	\$27.35	^c \$38.61	^c \$38.61	\$49.86

Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

^a Area 1 - Imperial, Inyo, Kern, Los Angeles, Orange, Riverside, San Bernardino, San Diego, Santa Barbara, San Luis Obispo (only that portion that is within a 25-mile radius of the city of Santa Maria), and Ventura Counties.

Area 2 - Alameda, Contra Costa, Marin, San Francisco, San Mateo, Santa Clara, and Solano Counties.

Area 3 - All other remaining counties.

^b Contribution is factored at the applicable overtime multiplier for each overtime hour worked.

^c Rate applies to the first 2 daily overtime hours and the first 10 hours worked on Saturday. All other overtime is paid at the Sunday/Holiday rate.

^d Includes amount for Annuity Trust Fund.

^e Helpers will be eligible for Health & Welfare benefits after completing 2000 hours.

^f One Helper shall be employed on each job of 5 to 10 employees.

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

**GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1**

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #BUILDING/CONSTRUCTION INSPECTOR AND FIELD SOILS AND MATERIAL TESTER

DETERMINATION: SC-23-63-2-2017-1D

ISSUE DATE: August 22, 2017

EXPIRATION DATE OF DETERMINATION: June 30, 2018** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

LOCALITY: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

CLASSIFICATION (Journey person)	Basic Hourly Rate	Health and Welfare	Pension	Employer Payments			Straight – Time		Overtime Hourly Rate		
				Vacation/ Holiday (a)	Training	Other Payments	Hours	Total Hourly Rate	Daily (b)	Saturday (c)	Sunday/ Holiday
									1 1/2X	1 1/2X	2X
Classification Groups											
Group 1	\$44.78	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$70.82	\$93.210	\$93.210	\$115.60
Group 2	\$46.56	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$72.60	\$95.880	\$95.880	\$119.16
Group 3	\$48.56	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.60	\$98.880	\$98.880	\$123.16

Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

^a Includes an amount withheld for supplemental dues.

^b Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

^c Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

CLASSIFICATIONS:

GROUP I

Field Soils and Materials Tester
Field Asphaltic Concrete (Soils and Materials Tester)
Field Earthwork (Grading Excavation and Filling)
Roof Inspector
Water Proofer

GROUP II

AWS-CWI Welding Inspector
Building / Construction Inspector
Licensed Grading Inspector
Reinforcing Steel
Reinforced Concrete
Pre-Tension Concrete
Post-Tension Concrete
Structural Steel and Welding Inspector
Glue-Lam and truss Joints
Truss-Type Joint Construction
Shear Wall and Floor System used as diaphragms
Concrete batch Plant
Spray-Applied Fireproofing
Structural masonry

Group III

Nondestructive Testing (NDT)

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #BUILDING/CONSTRUCTION INSPECTOR AND FIELD SOILS AND MATERIAL TESTER (SPECIAL SHIFT)

DETERMINATION: SC-23-63-2-2017-1D1

ISSUE DATE: August 22, 2017

EXPIRATION DATE OF DETERMINATION: June 30, 2018** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

LOCALITY: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

CLASSIFICATION (Journeyperson)	Basic Hourly Rate	Health and Welfare	Employer Payments				Straight – Time		Overtime Hourly Rate		
			Pension	Vacation/ Holiday (a)	Training	Other Payments	Hours	Total Hourly Rate	Daily	Saturday	Sunday/
									(b)	(c)	Holiday
									1 1/2X	1 1/2X	2X
Classification Groups											
Group 1	\$45.28	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$71.32	\$93.960	\$93.960	\$116.60
Group 2	\$47.06	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.10	\$96.630	\$96.630	\$120.16
Group 3	\$49.06	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$75.10	\$99.630	\$99.630	\$124.16

Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

^a Includes an amount withheld for supplemental dues.

^b Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

^c Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

CLASSIFICATIONS:

GROUP I

Field Soils and Materials Tester
Field Asphaltic Concrete (Soils and Materials Tester)
Field Earthwork (Grading Excavation and Filling)
Roof Inspector
Water Proofer

GROUP II

AWS-CWI Welding Inspector
Building / Construction Inspector
Licensed Grading Inspector
Reinforcing Steel
Reinforced Concrete
Pre-Tension Concrete
Post-Tension Concrete
Structural Steel and Welding Inspector
Glue-Lam and truss Joints
Truss-Type Joint Construction
Shear Wall and Floor System used as diaphragms
Concrete batch Plant
Spray-Applied Fireproofing
Structural masonry

Group III

Nondestructive Testing (NDT)

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #BUILDING/CONSTRUCTION INSPECTOR AND FIELD SOILS AND MATERIAL TESTER (MULTI-SHIFT)

DETERMINATION: SC-23-63-2-2017-1D2

Issue Date: August 22, 2017

EXPIRATION DATE OF DETERMINATION: June 30, 2018** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

LOCALITY: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

CLASSIFICATION (Journey person)	Basic Hourly Rate	Employer Payments					Straight – Time		Overtime Hourly Rate		
		Health and Welfare	Pension	Vacation/ Holiday (a)	Training	Other Payments	Hours (d)	Total Hourly Rate	Daily (b)	Saturday (c)	Sunday/ Holiday
									1 1/2X	1 1/2X	2X
Classification Groups											
Group 1	\$45.78	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$71.82	\$94.710	\$94.710	\$117.60
Group 2	\$47.56	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.60	\$97.380	\$97.380	\$121.16
Group 3	\$49.56	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$75.60	\$100.380	\$100.380	\$125.16

Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

^a Includes an amount withheld for supplemental dues.

^b Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

^c Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

^d The Third Shift shall work 6.5 hours, exclusive of meal period, for which 8 hours straight-time shall be paid at the non-shift rate, Monday through Friday.

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

CLASSIFICATIONS:

GROUP I

Field Soils and Materials Tester
Field Asphaltic Concrete (Soils and Materials Tester)
Field Earthwork (Grading Excavation and Filling)
Roof Inspector
Water Proofer

GROUP II

AWS-CWI Welding Inspector
Building / Construction Inspector
Licensed Grading Inspector
Reinforcing Steel
Reinforced Concrete
Pre-Tension Concrete
Post-Tension Concrete
Structural Steel and Welding Inspector
Glue-Lam and truss Joints
Truss-Type Joint Construction
Shear Wall and Floor System used as diaphragms
Concrete batch Plant
Spray-Applied Fireproofing
Structural masonry

Group III

Nondestructive Testing (NDT)

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: # CARPENTER AND RELATED TRADES

DETERMINATION: SC-23-31-2-2017-2

ISSUE DATE: August 22, 2017

EXPIRATION DATE OF DETERMINATION: June 30, 2018** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

LOCALITY: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

Classification (Journey person)	Basic Hourly Rate	Employer Payments					Straight-Time		Overtime Hourly Rate		
		Health and Welfare	Pension	Vacation/ Holiday	Training	Other	Hours	Total Hourly Rate	Daily ^a 1 1/2X	Saturday ^b 1 1/2X	Sunday and Holiday
^a AREA 1											
Carpenter ^{c, h} , Cabinet Installer, Insulation Installer, Hardwood Floor Worker, Acoustical Installer	\$41.25	\$7.10	\$4.91	\$5.60 ^f	\$0.57	\$0.39	8	\$59.82	\$80.445	\$80.445	\$101.07
Pile Driverman ⁱ , Derrick Bargeman, Rockslinger, Bridge or Dock Carpenter, Cable Splicer	41.38	7.10	4.91	5.60 ^f	0.57	0.39	8	59.95	80.64	80.64	101.33
Bridge Carpenter ^c	41.38	7.10	4.91	5.60 ^f	0.57	0.39	8	59.95	80.64	80.64	101.33
Shingler ^c	41.38	7.10	4.91	5.60 ^f	0.57	0.39	8	59.95	80.64	80.64	101.33
Saw Filer	41.34	7.10	4.91	5.60 ^f	0.57	0.39	8	59.91	80.58	80.58	101.25
Table Power Saw Operator	41.35	7.10	4.91	5.60 ^f	0.57	0.39	8	59.92	80.595	80.595	101.27
Pneumatic Nailer or Power Stapler	41.50	7.10	4.91	5.60 ^f	0.57	0.39	8	60.07	80.82	80.82	101.57
Roof Loader of Shingles	28.97	7.10	4.91	5.60 ^f	0.57	0.39	8	47.54	62.025	62.025	76.51
Scaffold Builder	32.45	7.10	4.91	5.60 ^f	0.57	0.39	8	51.02	67.245	67.245	83.47
Millwright ^c	41.75	7.10	4.91	5.60 ^f	0.57	0.59	8	60.52	81.395	81.395	102.27
Head Rockslinger	41.48	7.10	4.91	5.60 ^f	0.57	0.39	8	60.05	80.79	80.79	101.53
Rock Bargeman or Scowman	41.28	7.10	4.91	5.60 ^f	0.57	0.39	8	59.85	80.49	80.49	101.13
Diver, Wet (Up To 50 Ft. Depth) ^d	^e 90.76	7.10	4.91	5.60 ^f	0.57	0.39	8	109.33	154.71	154.71	200.09
Diver, (Stand-By) ^d	^e 45.38	7.10	4.91	5.60 ^f	0.57	0.39	8	63.95	86.64	86.64	109.33
Diver's Tender ^d	44.38	7.10	4.91	5.60 ^f	0.57	0.39	8	62.95	85.14	85.14	107.33
Assistant Tender (Diver's) ^d	41.38	7.10	4.91	5.60 ^f	0.57	0.39	8	59.95	80.64	80.64	101.33

*** AREA 2**

Carpenter ^{c, h} , Cabinet Installer, Insulation Installer, Hardwood Floor Worker, Acoustical Installer	40.68	7.10	4.91	5.60 ^f	0.57	0.39	8	59.25	79.59	79.59	99.93
Shingler ^c	40.82	7.10	4.91	5.60 ^f	0.57	0.39	8	59.39	79.80	79.80	100.21
Saw Filer	40.68	7.10	4.91	5.60 ^f	0.57	0.39	8	59.25	79.59	79.59	99.93
Table Power Saw Operator	41.78	7.10	4.91	5.60 ^f	0.57	0.39	8	60.35	81.24	81.24	102.13
Pneumatic Nailer or Power Stapler	40.94	7.10	4.91	5.60 ^f	0.57	0.39	8	59.51	79.98	79.98	100.45
Roof Loader of Shingles	28.57	7.10	4.91	5.60 ^f	0.57	0.39	8	47.14	61.425	61.425	75.71

DETERMINATION: SC-31-741-1-2017-1

ISSUE DATE: August 22, 2017

EXPIRATION DATE OF DETERMINATION: May 31, 2018* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director - Research Unit at (415) 703-4774 for new rates after 10 days from the expiration date, if no subsequent determination is issued.

LOCALITY: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

Classification (Journey person)	Basic Hourly Rate	Employer Payments				Straight-Time		Overtime Hourly Rate		
		Health and Welfare	Pension	Vacation/ and Holiday	Training	Hours	Total Hourly Rate	Daily 1 1/2X	Saturday/ ^j Sunday 1 1/2X	Holiday 2X
Terrazzo Installer	\$38.10	7.10	4.91	3.93 ^f	0.52	8	54.56	73.61	73.61	92.66
Terrazzo Finisher	31.60	7.10	4.91	3.93 ^f	0.52	8	48.06	63.86	63.86	79.66

Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

a. **AREA 1** - Imperial, Los Angeles, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura counties.

AREA 2 - Inyo, Kern, and Mono counties. For Bridge Carpenter, Scaffold Builder, Pile Driverman, Derrick Bargeman, Rockslinger, Bridge or Dock Carpenter, Cable Splicer, Millwright, Head Rockslinger, Rock Bargeman or Scowman, Diver, Wet (Up to 50 Ft. Depth), Diver (Stand-By), Diver's Tender, and Assistant Tender (Diver's) rates, please see **Area 1** as this rate applies to **Area 2** as well. Basic Hourly Rates for **Area 2** include an additional amount deducted for vacation/holiday.

b. First eight (8) hours worked paid at 1 1/2 times the straight time rate, all hours after that paid at double (2x) the straight time rate. Saturdays in the same work week may be worked at straight-time rates if a job is shut down during the normal work week due to inclement weather, major mechanical breakdown or lack of materials beyond the control of the Employer.

c. When performing welding work requiring certification, classification will receive an additional \$1.00 per hour.

d. Shall receive a minimum of 8 hours pay for any day or part thereof.

e. For specific rates over 50 ft depth, contact the Office of the Director - Research Unit. Rates for Technicians, Manifold Operators, Pressurized Submersible Operators, Remote Control Vehicle Operators, and Remote Operated Vehicle Operators, as well as rates for Pressurized Bell Diving and Saturation Diving are available upon request.

f. Includes an amount for supplemental dues.

g. All overtime worked Mon - Fri shall be paid at 1 1/2 times the straight time rate for the first four (4) hours and double (2x) the straight time for work performed after twelve (12) hours.

h. A Carpenter who performs work of forming in the construction of open cut sewers or storm drains shall receive a premium of thirteen cents (\$0.13) per hour in addition to his Carpenter's scale. This premium shall apply only on an operation in which horizontal lagging is used in conjunction with Steel H-Beams driven or placed in pre-drilled holes, for that portion of a lagged trench against which concrete is poured, namely, as a substitute for back forms, which work is performed by pile drivers.

i. When performing welding work requiring certification, classification will receive an additional \$1.00 per hour. An additional \$0.50 per hour when handling or working with new pressure-treated creosote piling or timber, or driving of used pressure-treated creosote piling.

j. Saturdays in the same work week may be worked at straight-time rates if a job is shut down during the normal work week due to inclement weather, major mechanical breakdown or lack of materials beyond the control of the Employer. Work on Sunday, if it is the 7th consecutive workday, shall be paid at double (2x) the straight-time rate.

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director - Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director - Research Unit at (415) 703-4774.

DEPARTMENT OF INDUSTRIAL RELATIONS
Office of the Director – Research Unit
455 Golden Gate Avenue, 9th Floor
San Francisco, CA 94102

MAILING ADDRESS:
P. O. Box 420603
San Francisco, CA 94142-0603



PREDETERMINED INCREASE FOR
CARPENTER AND RELATED TRADES
(SC-23-31-2-2017-2)

IN ALL LOCALITIES WITHIN IMPERIAL, INYO, KERN, LOS ANGELES,
MONO, ORANGE, RIVERSIDE, SAN BERNARDINO,
SAN LUIS OBISPO, SANTA BARBARA, AND VENTURA COUNTIES

This predetermined increase for the above named craft applies only to the current determination for work being performed on public works projects with bid advertisement dates on or after **September 1, 2017**, until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project has a single asterisk (*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (**) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

CARPENTER: All classifications:

Determination SC-23-31-2-2017-2 is currently in effect and expires on June 30, 2018**.

Effective on July 1, 2018, there will be an increase of \$2.20 to be allocated to wages and/or employer payments.

Effective on July 1, 2019, there will be an increase of \$2.30 to be allocated to wages and/or employer payments.

There will be no further increases applicable to this determination.

Issued 8/22/2017, Effective 9/1/2017 until superseded.

This page will be updated when wage rate breakdown becomes available.

Last Updated: September 1, 2017

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: # CEMENT MASON

DETERMINATION: SC-23-203-2-2017-1

ISSUE DATE: August 22, 2017

EXPIRATION DATE OF DETERMINATION: June 30, 2018** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

LOCALITY: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura Counties.

CLASSIFICATION (JOURNEYPERSON)	Basic Hourly Rate	Employer Payments					Straight-Time		Overtime Hourly Rate		
		Health and Welfare	Pension	Vacation/ Holiday	Training	Other Payments	Hours	Total Hourly Rate	Daily 1 1/2X	Saturday ^a 1 1/2X	Sunday/ Holiday 2X
Cement Mason, Curb and Gutter Machine Operator; Clary and Similar Type of Screed Operator (Cement only); Grinding Machine Operator (all types); Jackson Vibratory, Texas Screed and Similar Type Screed Operator; Scoring Machine Operator	\$34.50	7.77	8.86	6.71 ^b	0.64	0.27	8	58.75	76.00 ^c	76.00 ^c	93.25
Magnesite, magnesite-terrazzo and mastic composition, Epoxy, Urethanes and exotic coatings, Dex-O-Tex	\$34.62	7.77	8.86	6.71 ^b	0.64	0.27	8	58.87	76.18 ^c	76.18 ^c	93.49
Floating and Troweling Machine Operator	\$34.75	7.77	8.86	6.71 ^b	0.64	0.27	8	59.00	76.375 ^c	76.375 ^c	93.75

Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @

<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

^a Saturday in the same work week may be worked at straight-time rate, up to 8 hours on Saturday or when the employee has worked a total of 40 hours in the work week, if it is not reasonably possible for any individual employee on a particular job site to complete 40 hours of work on a 8 hour day, Monday through Friday, due to inclement weather or similar act of God or a situation beyond the control of the contractor.

^b Includes an amount for supplemental dues.

^c Rate applies to the first 4 daily overtime hours and the first 12 hours worked on Saturday. All other time is paid at the double time (2X) rate.

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

DEPARTMENT OF INDUSTRIAL RELATIONS

Office of the Director – Research Unit

455 Golden Gate Avenue, 9th Floor
San Francisco, CA 94102

ADDRESS REPLY TO:

P.O. Box 420603
San Francisco CA 94142-0603

PREDETERMINED INCREASE FOR

**CEMENT MASON
(SC-23-203-2-2017-1)**

IN ALL LOCALITIES WITHIN IMPERIAL, INYO, KERN, LOS ANGELES,
MONO, ORANGE, RIVERSIDE, SAN BERNARDINO,
SAN LUIS OBISPO, SANTA BARBARA, AND VENTURA COUNTIES

This predetermined increase for the above named craft applies only to the current determination for work being performed on public works projects with bid advertisement dates on or after **September 1, 2017**, until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project has a single asterisk (*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (**) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

Cement Mason

Determination SC-23-203-2-2017-1 is currently in effect and expires on June 30, 2018**.

Effective on July 1, 2018, there will be an increase of \$2.00 allocated as follows: \$0.15 to Pension, and \$1.85 to Wages and/or fringes.

Effective on July 1, 2019, there will be an increase of \$2.05 allocated as follows: \$0.15 to Pension, and \$1.90 to Wages and/or fringes.

Effective on July 1, 2020, there will be an increase of \$1.85 allocated as follows: \$0.15 to Pension, and \$1.70 to Wages and/or fringes.

There will be no further increases applicable to this determination.

Issued 8/22/2017, Effective 9/1/2017.

This page will be updated when wage rate breakdown information becomes available.

Last Updated: September 1, 2017

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #Cranes, Pile Driver and Hoisting Equipment (Operating Engineer)

DETERMINATION: SC-23-63-2-2017-1B

ISSUE DATE: August 22, 2017

EXPIRATION DATE OF DETERMINATION: June 30, 2018** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

LOCALITY: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

CLASSIFICATION (Journey person)	Basic Hourly Rate	Health and Welfare	Employer Payments				Straight – Time		Overtime Hourly Rate		
			Pension	Vacation/ Holiday (a)	Training	Other Payments	Hours	Total Hourly Rate	Daily (c)	Saturday (d)	Sunday/ Holiday
									1 1/2X	1 1/2X	2X
Classification Groups (b)											
Group 1	\$45.35	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$71.39	\$94.065	\$94.065	\$116.74
Group 2	\$46.13	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$72.17	\$95.235	\$95.235	\$118.30
Group 3	\$46.42	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$72.46	\$95.670	\$95.670	\$118.88
Group 4	\$46.56	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$72.60	\$95.880	\$95.880	\$119.16
Group 5	\$46.78	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$72.82	\$96.210	\$96.210	\$119.60
Group 6	\$46.89	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$72.93	\$96.375	\$96.375	\$119.82
Group 7	\$47.01	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.05	\$96.555	\$96.555	\$120.06
Group 8	\$47.18	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.22	\$96.810	\$96.810	\$120.40
Group 9	\$47.35	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.39	\$97.065	\$97.065	\$120.74
Group 10	\$48.35	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.39	\$98.565	\$98.565	\$122.74
Group 11	\$49.35	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$75.39	\$100.065	\$100.065	\$124.74
Group 12	\$50.35	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$76.39	\$101.565	\$101.565	\$126.74
Group 13	\$51.35	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$77.39	\$103.065	\$103.065	\$128.74

• # Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

^a Includes an amount withheld for supplemental dues.

^b For classifications within each group, see page 10B.

^c Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

^d Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

NOTE: For Special Shift and Multi-Shift, see pages 10A-1 and 10A-2.

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Determination: SC-23-63-2-2017-1B; SC-23-63-2-2017-1B1; SC-23-63-2-2017-1B2

CLASSIFICATIONS:

GROUP 1

Engineer Oiler

GROUP 2

Truck Crane Oiler

GROUP 3

A-Frame or Winch Truck Operator

Ross Carrier Operator (Jobsite)

GROUP 4

Bridge-Type Unloader and Turntable Operator

Helicopter Hoist Operator

Snobble Unit (pin-n-go or similar type)

GROUP 5

Hydraulic Boom Truck/Knuckleboom

Stinger Crane (Austin-Western or similar type)

Tugger Hoist Operator (1 drum)

GROUP 6

Bridge Crane Operator

Cretor Crane Operator

Hoist Operator (Chicago Boom and similar type)

Lift Mobile Operator

Lift Slab Machine Operator (Vagtborg and similar types)

Material Hoist and/or Manlift Operator

Polar Gantry Crane Operator

Prentice Self-Loader

Self Climbing Scaffold (or similar type)

Shovel, Dragline, Clamshell Operator (over 3/4 yd and up to 5 cu yds, M.R.C.)

Silent Piler

Tugger Hoist Operator (2 drum)

GROUP 7

Pedestal Crane Operator

Shovel, Dragline, Clamshell Operator (over 5 cu yds, M.R.C.)

Tower Crane Repairman

Tugger Hoist Operator (3 drum)

GROUP 8

Crane Operator (up to and including 25 ton capacity)

Crawler Transporter Operator

Derrick Barge Operator (up to and including 25 ton capacity)

Hoist Operator, Stiff Legs, Guy Derrick or similar type (up to and including 25 ton capacity)

Shovel, Dragline, Clamshell Operator (over 7 cu yds M.R.C.)

GROUP 9

Crane Operator (over 25 tons, up to and including 50 ton M.R.C.)

Derrick Barge Operator (over 25 tons, up to and including 50 ton M.R.C.)

Highline Cableway Operator

Hoist Operator, Stiff Legs, Guy Derrick or similar type (over 25 tons, up to and including 50 ton M.R.C.)

K-Crane

Polar Crane Operator

Self Erecting Tower Crane Operator Maximum Lifting Capacity ten (10) tons.

GROUP 10

ABI/Fundex Machine

Crane Operator (over 50 tons, up to and including 100 ton M.R.C.)

Derrick Barge Operator (over 50 tons, up to and including 100 ton M.R.C.)

Hoist Operator, Stiff Legs, Guy Derrick or similar type (over 50 tons, up to and including 100 ton M.R.C.)

Mobile Tower Crane Operator (over 50 tons, up to and including 100 ton M.R.C.)

Shovel, Dragline, Clamshell Operator (over 10 cu. yds.)

GROUP 11

Crane Operator (over 100 tons, up to and including 200 ton M.R.C.)

Derrick Barge Operator (over 100 tons, up to and including 200 tons M.R.C.)

Hoist Operator, Stiff Legs, Guy Derrick or similar type (over 100 tons, up to and including 200 ton M.R.C.)

Mobile Tower Crane Operator (over 100 tons, up to and including 200 ton M.R.C.)

Tower Crane Operator and Tower Gantry

GROUP 12

Crane Operator (over 200 tons, up to and including 300 tons M.R.C.)

Derrick Barge Operator (over 200 tons, up to and including 300 tons M.R.C.)

Hoist Operator, Stiff Legs, Guy Derrick or similar type (over 200 tons, up to and including 300 ton M.R.C.)

Mobile Tower Crane Operator (over 200 tons, up to and including 300 ton M.R.C.)

GROUP 13

Crane Operator (over 300 tons)

Derrick Barge Operator (over 300 tons)

Helicopter Pilot

Hoist Operator, Stiff Legs, Guy Derrick or similar type (over 300 tons)

Hydraulically Controlled Lift Gantry Operator BCR Lift System (over 300 tons)

Mobile Tower Crane Operator (over 300 tons)

MISCELLANEOUS PROVISIONS:

1. Operators on hoists with three drums shall receive fifteen cents (15¢) per hour additional pay to the regular rate of pay. The additional pay shall be added to the regular rate and become the base rate for the entire shift.
2. All heavy duty repairman and heavy duty combination shall receive fifty cents (50¢) per hour tool allowance in addition to their regular rate of pay and this shall become their base rate of pay.
3. Employees required to suit up and work in a hazardous material environment, shall receive Two Dollars (\$2.00) per hour in addition to their regular rate of pay, and that rate shall become the basic hourly rate of pay.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #Cranes, Pile Driver and Hoisting Equipment (Operating Engineer, Special Shift)

DETERMINATION: SC-23-63-2-2017-1B1

ISSUE DATE: August 22, 2017

EXPIRATION DATE OF DETERMINATION: June 30, 2018** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

LOCALITY: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

CLASSIFICATION (Journeyperson)	Basic Hourly Rate	Health and Welfare	Employer Payments				Straight – Time		Overtime Hourly Rate		
			Pension	Vacation/ Holiday (a)	Training	Other Payments	Hours	Total Hourly Rate	Daily	Saturday (d)	Sunday/ Holiday
									(c)	1 1/2X	1 1/2X
Classification Groups (b)											
Group 1	\$45.85	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$71.89	\$94.815	\$94.815	\$117.74
Group 2	\$46.63	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$72.67	\$95.985	\$95.985	\$119.30
Group 3	\$46.92	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$72.96	\$96.420	\$96.420	\$119.88
Group 4	\$47.06	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.10	\$96.630	\$96.630	\$120.16
Group 5	\$47.28	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.32	\$96.960	\$96.960	\$120.60
Group 6	\$47.39	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.43	\$97.125	\$97.125	\$120.82
Group 7	\$47.51	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.55	\$97.305	\$97.305	\$121.06
Group 8	\$47.68	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.72	\$97.560	\$97.560	\$121.40
Group 9	\$47.85	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.89	\$97.815	\$97.815	\$121.74
Group 10	\$48.85	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.89	\$99.315	\$99.315	\$123.74
Group 11	\$49.85	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$75.89	\$100.815	\$100.815	\$125.74
Group 12	\$50.85	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$76.89	\$102.315	\$102.315	\$127.74
Group 13	\$51.85	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$77.89	\$103.815	\$103.815	\$129.74

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^a Includes an amount withheld for supplemental dues.

^b For classifications within each group, see page 10B.

^c Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

^d Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #Cranes, Pile Driver and Hoisting Equipment (Operating Engineer, Multi-Shift)

DETERMINATION: SC-23-63-2-2017-1B2

ISSUE DATE: August 22, 2017

EXPIRATION DATE OF DETERMINATION: June 30, 2018** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

LOCALITY: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

CLASSIFICATION (Journeyperson)	Basic Hourly Rate	Health and Welfare	Employer Payments				Straight – Time		Overtime Hourly Rate		
			Pension	Vacation/ Holiday (a)	Training	Other Payments	Hours (e)	Total Hourly Rate	Daily	Saturday (d)	Sunday/ Holiday
									(c)	1 1/2X	2X
Classification Groups (b)											
Group 1	\$46.35	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$72.39	\$95.565	\$95.565	\$118.74
Group 2	\$47.13	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.17	\$96.735	\$96.735	\$120.30
Group 3	\$47.42	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.46	\$97.170	\$97.170	\$120.88
Group 4	\$47.56	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.60	\$97.380	\$97.380	\$121.16
Group 5	\$47.78	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.82	\$97.710	\$97.710	\$121.60
Group 6	\$47.89	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.93	\$97.875	\$97.875	\$121.82
Group 7	\$48.01	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.05	\$98.055	\$98.055	\$122.06
Group 8	\$48.18	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.22	\$98.310	\$98.310	\$122.40
Group 9	\$48.35	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.39	\$98.565	\$98.565	\$122.74
Group 10	\$49.35	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$75.39	\$100.065	\$100.065	\$124.74
Group 11	\$50.35	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$76.39	\$101.565	\$101.565	\$126.74
Group 12	\$51.35	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$77.39	\$103.065	\$103.065	\$128.74
Group 13	\$52.35	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$78.39	\$104.565	\$104.565	\$130.74

• # Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

^a Includes an amount withheld for supplemental dues.

^b For classifications within each group, see page 10B.

^c Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

^d Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

^e The Third Shift shall work 6.5 hours, exclusive of meal period, for which 8 hours straight-time shall be paid at the non-shift rate, Monday through Friday.

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

DEPARTMENT OF INDUSTRIAL RELATIONS
Office of the Director – Research Unit
455 Golden Gate Avenue, 9th Floor
San Francisco, CA 94102

MAILING ADDRESS:
P. O. Box 420603
San Francisco, CA 94142-0603



PREDETERMINED INCREASES FOR

**OPERATING ENGINEER (SC-23-63-2-2017-1)
OPERATING ENGINEER (MULTI-SHIFT) (SC-23-63-2-2017-1)
OPERATING ENGINEER (SPECIAL SHIFT) (SC-23-63-2-2017-1)**

**CRANES, PILE DRIVER AND HOISTING EQUIPMENT
(OPERATING ENGINEER) (SC-23-63-2-2017-1B)**

**CRANES, PILE DRIVER AND HOISTING EQUIPMENT
(OPERATING ENGINEER, MULTI-SHIFT) (SC-23-63-2-2017-1B1)**

**CRANES, PILE DRIVER AND HOISTING EQUIPMENT
(OPERATING ENGINEER, SPECIAL SHIFT) (SC-23-63-2-2017-1B2)**

TUNNEL (OPERATING ENGINEER) (SC-23-63-2-2017-1C)

TUNNEL (OPERATING ENGINEER) (SC-23-63-2-2017-1C1) (MULTI-SHIFT)

**BUILDING/CONSTRUCTION INSPECTOR, FIELD SOILS AND MATERIAL
TESTER, AND NON-DESTRUCTIVE TESTING (SC-23-63-2-2017-1D)**

**BUILDING/CONSTRUCTION INSPECTOR, FIELD SOILS AND MATERIAL
TESTER, AND NON-DESTRUCTIVE TESTING (SPECIAL SHIFT)
(SC-23-63-2-2017-1D1)**

**BUILDING/CONSTRUCTION INSPECTOR, FIELD SOILS AND MATERIAL
TESTER, AND NON-DESTRUCTIVE TESTING (MULTI-SHIFT)
(SC-23-63-2-2017-1D2)**

**ALL LOCALITIES WITH IMPERIAL, INYO, KERN, LOS ANGELES, MONO,
ORANGE, RIVERSIDE, SAN BERNARDINO, SAN LUIS OBISPO,
SANTA BARBARA, AND VENTURA COUNTIES**

These predetermined increases for the above named crafts apply only to the current determinations for work being performed on public works projects with bid advertisement dates on or after **September 1, 2017**, until the determination(s) is/are superseded by a new determination(s) or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project has a single asterisk (*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (**) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

OPERATING ENGINEER: All Classifications and All Shifts

The above Determinations are currently in effect and will expire on June 30, 2018**.

Effective on July 1, 2018, there will be an increase of \$2.30 to be allocated to wages and/or fringes.

There will be no further increases applicable to these determinations.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: # DREDGER (OPERATING ENGINEER)

DETERMINATION: SC-63-12-23-2018-1

ISSUE DATE: February 22, 2018

EXPIRATION DATE OF DETERMINATION: July 31, 2018** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director – Research Unit for specific rates at (415) 703-4774.

LOCALITY: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura counties.

CLASSIFICATION (Journey person)	Employer Payments						Straight-Time		Overtime Hourly Rate			
	Basic Hourly Rate	Health and Welfare	Pension	Vacation/ Holiday ^a	Training	Other	Hours	Total Hourly Rate	Daily ^b 1 1/2X	Saturday ^b 1 1/2X	Sunday 2X	Holiday 3X
Chief Engineer, Deck Captain	\$50.55	11.45	9.65	3.85	1.00	0.15	8	76.65	101.925	101.925	127.20	177.75
Leverman	53.55	11.45	9.65	3.85	1.00	0.15	8	79.65	106.425	106.425	133.20	186.75
Watch Engineer, Deckmate	47.47	11.45	9.65	3.85	1.00	0.15	8	73.57	97.305	97.305	121.04	168.51
Winchman (Stern Winch on Dredge)	46.92	11.45	9.65	3.85	1.00	0.15	8	73.02	96.480	96.480	119.94	166.86
Fireman-Oiler, Leveehand, Deckhand (can operate anchor scow under direction of mate), Bargeman	46.38	11.45	9.65	3.85	1.00	0.15	8	72.48	95.670	95.670	118.86	165.24
Dozer Operator	47.58	11.45	9.65	3.85	1.00	0.15	8	73.68	97.470	97.470	121.26	168.84
Hydrographic Surveyor	49.01	11.45	9.65	3.85	1.00	0.15	8	75.11	99.615	99.615	124.12	173.13
Barge Mate	46.99	11.45	9.65	3.85	1.00	0.15	8	73.09	96.585	96.585	120.08	167.07
Welder	48.97	11.45	9.65	3.85	1.00	0.15	8	75.07	99.555	99.555	124.04	173.01

Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @

<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

^a Includes an amount for supplemental dues.

^b Rate applies to the first 4 daily overtime hours and first 12 hours on Saturdays. All other time is paid at the Sunday overtime rate.

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/oprl/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/oprl/DPreWageDetermination.htm>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

DEPARTMENT OF INDUSTRIAL RELATIONS
Office of the Director – Research Unit
455 Golden Gate Avenue, 9th Floor
San Francisco, CA 94102

MAILING ADDRESS:
P. O. Box 420603
San Francisco, CA 94142-0603



PREDETERMINED INCREASES FOR

DREDGER (OPERATING ENGINEER) (SC-63-12-23-2018-1)

ALL LOCALITIES WITHIN IMPERIAL, INYO, KERN, LOS ANGELES,
MONO, ORANGE, RIVERSIDE, SAN BERNARDINO, SAN DIEGO,
SAN LUIS OBISPO, SANTA BARBARA, AND VENTURA COUNTIES

These predetermined increases for the above named craft applies only to the current determination for work being performed on public works projects with bid advertisement dates on or after **March 4, 2018**, until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination, which was in effect on the bid advertisement date of a project has a single asterisk (*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (**) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

DREDGER (OPERATING ENGINEER): All Classifications

Determination SC-63-12-23-2018-1 is currently in effect and will expire on July 31, 2018**.

Effective on August 1, 2018, there will be an increase of \$2.30 to be allocated to wages and or employer payments.

There will be no further increases applicable to this determination.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: DRIVER (ON/OFF-HAULING TO/FROM CONSTRUCTION SITE)

Determination: C-DT-830-261-10-2016-1

Issue Date: August 22, 2016

Expiration date of determination: September 30, 2016* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Division of Labor Statistics and Research at (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Localities: All localities within Imperial, Inyo, Los Angeles, Mono, Orange, Riverside, San Bernardino and San Diego Counties.

Classification	Basic Hourly Rate	Employer Payments					Straight-Time Hours	Total Hourly Rate	Overtime Hourly Rate	
		Health And Welfare ^a	Pension	Vacation And Holiday ^b	Training	Other			Daily (1½ X) ^c	Sunday/ Holiday (1½ X)
Driver: Dump Truck	\$17.00	\$2.05	\$0.085	\$0.33	-	-	8.0	\$19.465	\$27.965	\$27.965

^a The contribution applies to all work up to \$355.00 per month.

^b \$0.65 after 2 years of service

\$0.98 after 5 years of service

\$1.31 after 9 years of service

^c Rate applies to work in excess of eight (8) hours daily and forty (40) hours weekly.

*There is no predetermined increase applicable to this determination.

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/PWD>. Holiday provisions for current or superseded determinations may be obtained by contacting the Prevailing Wage Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence requirements for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/PWD>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Prevailing Wage Unit at (415) 703-4774.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: DRIVER (ON/OFF-HAULING TO/FROM CONSTRUCTION SITE)

Determination: C-MT-261-36-95-2018-1

Issue Date: February 22, 2018

Expiration date of determination: October 28, 2018** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director – Research Unit for specific rates at (415) 703-4774.

Localities: All localities within Imperial and San Diego Counties.

Classification	Basic Hourly Rate	Employer Payments					Straight-Time		Overtime Hourly Rate	
		Health And Welfare	Pension	Vacation And Holiday	Training	Other	Hours	Total Hourly Rate	Daily (1½ X)	Sunday/ Holiday (2 X)
Mixer Driver	\$27.60	\$7.89 ^a	\$4.61	\$1.47 ^b	-	-	8.0	\$41.57	\$55.37 ^c	\$69.17

^a The contribution applies to all hours until \$1,368.00 is paid for the month.

^b \$2.00 after one year of service

\$2.53 after 7 years of service.

\$3.06 after 14 years of service.

^c Rate applies to work in excess of eight (8) hours daily and forty (40) hours weekly. All work in excess of 12 hours daily shall be paid the Sunday/Holiday (2X) rate.

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/oprl/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director - Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence requirements for the current determinations on the Internet at <http://www.dir.ca.gov/oprl/DPreWageDetermination.htm>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director - Research Unit at (415) 703-4774.

DEPARTMENT OF INDUSTRIAL RELATIONS

Office of the Director - Research Unit
455 Golden Gate Avenue, 9th Floor
San Francisco, CA 94102

MAILING ADDRESS:

P. O. Box 420603
San Francisco, CA 94142-0603



DRIVER (ON/OFF-HAULING TO/FROM CONSTRUCTION SITE)
(Determination C-MT-261-36-95-2018-1)

IN ALL LOCALITIES WITHIN IMPERIAL AND SAN DIEGO COUNTIES

This predetermined increase for the above named craft applies only to the above referenced determination for work being performed on public works projects with bid advertisement dates on or after **March 4, 2018** until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project has a single asterisk (*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (**) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

Ready Mix Driver

Determination C-MT-261-36-95-2018-1 is currently in effect and expires on October 28, 2018**.

Effective October 29, 2018, there will be an increase of \$0.51 as follows: \$0.50 to the Basic Hourly Rate and \$0.01 to Vacation and Holiday.

After 1 year of service: Effective October 29, 2018, there will be an increase of \$0.52 as follows: \$0.50 to the Basic and \$0.02 to Vacation and Holiday.

After 7 years of service: Effective October 29, 2018, there will be an increase of \$0.53 as follows: \$0.50 to the Basic Hourly Rate and \$0.03 to Vacation and Holiday.

After 14 years of service: Effective October 29, 2018, there will be an increase of \$0.54 as follows: \$0.50 to the Basic Hourly Rate and \$0.04 to Vacation and Holiday.

Effective November 1, 2018, there will be an increase of \$0.45 to Pension.

Effective January 1, 2019, there will be an increase of \$0.48 to Health and Welfare.

There will be no further increases applicable to this determination.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #DRYWALL INSTALLER/LATHER (CARPENTER)

DETERMINATION: SC-31-X-41-2017-2

ISSUE DATE: August 22, 2017

EXPIRATION DATE OF DETERMINATION: June 30, 2018** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director – Research Unit for specific rates at (415) 703-4774.

LOCALITY: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura counties.

Classification (Journey person)	Basic Hourly Rate	Employer Payments					Straight-Time		Overtime Hourly Rates		
		Health and Welfare	Pension	Vacation/ Holiday ^a	Training	Other	Hours	Total Hourly Rate	Daily 1 1/2X ^b	Saturday 1 1/2X ^b	Sunday and Holiday 2X
Drywall Installer/ Lather	\$41.25	\$7.10	\$4.91	\$5.60	\$0.57	\$0.67	8	\$60.10	\$80.725	\$80.725	\$101.35

DETERMINATION: SC-31-X-41-2017-2A

ISSUE DATE: August 22, 2017

EXPIRATION DATE OF DETERMINATION: June 30, 2018* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director - Research Unit (415) 703-4774 for the new rates after 10 days from the expiration date, if no subsequent determination is issued.

Stocker, Scrapper	\$12.00	\$7.10	-	\$4.60	\$0.57	-	8	\$24.27	\$30.27	\$30.27	\$36.27
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Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

^a Includes an amount per hour worked for supplemental dues.

^b Rate applies to the first 4 daily overtime hours and to the first 8 hours on Saturday. All other overtime will be paid the Sunday and Holiday double time rate. Saturdays in the same workweek may be worked at straight-time if job is shut down during the normal work week due to inclement weather.

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

DEPARTMENT OF INDUSTRIAL RELATIONS

Office of the Director - Research Unit

455 Golden Gate Avenue, 9th Floor

San Francisco, CA 94102

MAILING ADDRESS:

P. O. Box 420603

San Francisco, CA 94142-0603



PREDETERMINED INCREASE FOR

**DRYWALL INSTALLER/LATHER (CARPENTER)
(SC-31-X-41-2017-2)**

ALL LOCALITIES WITHIN IMPERIAL, INYO, KERN, LOS ANGELES,
MONO, ORANGE, RIVERSIDE, SAN BERNARDINO, SAN LUIS OBISPO,
SANTA BARBARA, AND VENTURA COUNTIES

This predetermined increase for the above named craft applies only to the current determination for work being performed on public works projects with bid advertisement dates on or after **September 1, 2017**, until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination, which was in effect on the bid advertisement date of a project, has a single asterisk (*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (**) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

DRYWALL INSTALLER/LATHER (CARPENTER)

Determination SC-31-X-41-2017-2 is currently in effect and expires on June 30, 2018**.

Effective July 1, 2018, there will be a \$2.20 increase to be allocated to wages and/or employer payments and \$0.05 to Other.

Effective July 1, 2019, there will be a \$2.30 increase to be allocated to wages and/or employer payments.

There will be no further increases for this determination.

Issued 8/22/17, Effective 9/1/17 until superseded.

This page will be updated when wage rate breakdown becomes available

Last Updated: September 1, 2017

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: FENCE BUILDER (CARPENTER)

DETERMINATION: SC-23-31-20-2017-1

ISSUE DATE: August 22, 2017

EXPIRATION DATE OF DETERMINATION: June 30, 2018* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after ten days after the expiration date if no subsequent determination is issued.

LOCALITY: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Diego, San Luis Obispo, Santa Barbara, and Ventura counties.

Classification (Journey person)	Basic Hourly Rate	Employer Payments					Straight-Time		Overtime Hourly Rate		
		Health and Welfare	Pension	Vacation and Holiday	Training	Other	Total Hourly Rate	Hours	Daily	Saturday ^b	Sunday and Holiday
Fence Builder	\$37.29	\$7.10	\$4.66	\$5.00	\$0.57	\$0.21	8	\$54.83	1 1/2X ^a	1 1/2X	

^aRate applies to the first 4 overtime hours. All other time is paid at the Sunday and Holiday overtime hourly rate.

^bSaturdays in the same work week may be worked at straight-time for the first 8 hours if the job is shut down during the normal work week due to inclement weather, or reasons beyond the control of the employer.

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: # IRON WORKER

DETERMINATION: C-20-X-1-2018-1

ISSUE DATE: February 22, 2018

EXPIRATION DATE OF DETERMINATION: May 31, 2018** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director – Research Unit for specific rates at (415) 703-4774.

LOCALITY: All localities within the State of California

CLASSIFICATION (Journey person)	Employer Payments						Straight-Time		Overtime Hourly Rate		
	Basic Hourly Rate	Health and Welfare	Pension	Vacation/ Holiday	Training	Other Payments	Hours	Total Hourly Rate	^c Daily 1 1/2X	^c Saturday 1 1/2X	Sunday/ Holiday
AREA 1^a											
Iron Worker (Ornamental, Reinforcing, Structural)	\$37.50	9.55	13.32	^b 4.00	0.72	2.865	8	67.955	86.705	86.705	105.455
Fence Erector	\$31.08	7.38	8.99	^b 2.70	0.51	1.905	8	52.565	68.105	68.105	83.645
AREA 2^a											
Iron Worker (Ornamental, Reinforcing, Structural)	\$37.00	9.55	13.32	^b 4.00	0.72	2.865	8	67.455	85.955	85.955	104.455
Fence Erector	\$30.58	7.38	8.99	^b 2.70	0.51	1.905	8	52.065	67.355	67.355	82.645

Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet at

<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

^a **AREA 1** – ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO, AND SANTA CLARA COUNTIES.

AREA 2 - ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, DEL NORTE, EL DORADO, FRESNO, GLENN, HUMBOLDT, IMPERIAL, INYO, KERN, KINGS, LAKE, LASSEN, LOS ANGELES, MADERA, MARIN, MARIPOSA, MENDOCINO, MERCED, MODOC, MONO, MONTEREY, NAPA, NEVADA, ORANGE, PLACER, PLUMAS, RIVERSIDE, SACRAMENTO, SAN BENITO, SAN BERNARDINO, SAN DIEGO, SAN JOAQUIN, SAN LUIS OBISPO, SANTA BARBARA, SANTA CRUZ, SHASTA, SIERRA, SISKIYOU, SOLANO, SONOMA, STANISLAUS, SUTTER, TEHAMA, TRINITY, TULARE, TUOLUMNE, VENTURA, YOLO, AND YUBA COUNTIES.

^b Includes supplemental dues.

^c Rate applies to the first 2 daily overtime hours and the first 8 hours on Saturday. All other overtime is at the Sunday/Holiday rate.

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.



PREDETERMINED INCREASES FOR
IRON WORKER (C-20-X-1-2018-1)
IRON WORKER (ORNAMENTAL, REINFORCING, STRUCTURAL)
FENCE ERECTOR

IN ALL STATEWIDE LOCALITIES

This predetermined increases for the above named craft applies only to the above referenced determination for work being performed on public works projects with bid advertisement dates on or after **March 4, 2018**, until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project has a single asterisk (*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (**) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

IRON WORKER (ALL CLASSIFICATIONS) – Area 1

Determination C-20-X-1-2018-1 is in effect and expires on May 31, 2018**.

Effective June 1, 2018, \$0.25 will be reallocated from Other Payments to Vacation/Holiday.

Effective July 1, 2018, there will be an increase of \$1.75 allocated to wages and/or employer payments.

Effective January 1, 2019, there will be an increase of \$2.75 allocated to wages and/or employer payments.

Effective July 1, 2019, there will be an increase of \$2.75 allocated to wages and/or employer payments.

IRON WORKER (ALL CLASSIFICATIONS) – Area 2

Determination C-20-X-1-2018-1 is in effect and expires on May 31, 2018**.

Effective June 1, 2018, \$0.25 will be reallocated from Other Payments to Vacation/Holiday.

Effective July 1, 2018, there will be an increase of \$2.00 allocated to wages and/or employer payments.

Effective January 1, 2019, there will be an increase of \$2.00 allocated to wages and/or employer payments.

Effective July 1, 2019, there will be an increase of \$2.25 allocated to wages and/or employer payments.

There will be no further increases applicable to this determination.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #LABORER AND RELATED CLASSIFICATIONS

DETERMINATION: SC-23-102-2-2017-2

ISSUE DATE: August 22, 2017

EXPIRATION DATE OF DETERMINATION: July 31, 2018* Effective until superseded by a new determination issued by the Director of Industrial Relations. Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after ten days after the expiration date if no subsequent determination is issued.

LOCALITY: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

Classification ^a (Journey person)	Basic Hourly Rate	Employer Payments					Straight-Time		Overtime Hourly Rates		
		Health and Welfare	Pension	Vacation/ and Holiday ^d	Training	Other Payment	Hours	Total Hourly Rate	Daily ^b 1 1/2X	Saturday ^{bc} 1 1/2X	Sunday and Holiday

CLASSIFICATION GROUPS

Group 1	\$33.19	7.12	7.53	4.59	0.69	0.61	8	53.73	70.325	70.325	86.920
Group 2	33.74	7.12	7.53	4.59	0.69	0.61	8	54.28	71.150	71.150	88.020
Group 3	34.29	7.12	7.53	4.59	0.69	0.61	8	54.83	71.975	71.975	89.120
Group 4	35.84	7.12	7.53	4.59	0.69	0.61	8	56.38	74.300	74.300	92.220
Group 5	36.19	7.12	7.53	4.59	0.69	0.61	8	56.73	74.825	74.825	92.920

Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

^a For classification within each group, see page 14.

^b Any hours worked over 12 hours in a single workday are double (2) time.

^c Saturdays in the same work week may be worked at straight-time if job is shut down during work week due to inclement weather or similar Act of God, or a situation beyond the employers control.

^d Includes an amount per hour worked for supplemental dues

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

CLASSIFICATION GROUPS

GROUP 1

Boring Machine Helper (Outside)
Certified Confined Space Laborer
Cleaning and Handling of Panel Forms
Concrete Screeding for Rough Strike-Off
Concrete, Water Curing
Demolition Laborer, the cleaning of brick if performed by an employee performing any other phase of demolition work, and the cleaning of lumber
Fiberoptic Installation, Blowing, Splicing, and Testing Technician on public right-of-way only
Fire Watcher, Limbers, Brush Loaders, Pilers and Debris Handlers
Flagman
Gas, Oil and/or Water Pipeline Laborer
Laborer, Asphalt-Rubber Material Loader
Laborer, General or Construction
Laborer, General Cleanup
Laborer, Jetting
Laborer, Temporary Water and Air Lines
Plugging, Filling of Shee-Bolt Holes; Dry Packing of Concrete and Patching
Post Hole Digger (Manual)
Railroad Maintenance, Repair Trackman and Road Beds; Streetcar and Railroad Construction Track Laborers
Rigging and Signaling
Scaler
Slip Form Raisers
Tarman and Mortar Man
Tool Crib or Tool House Laborer
Traffic Control by any method
Water Well Driller Helper
Window Cleaner
Wire Mesh Pulling - All Concrete Pouring Operations

GROUP 2

Asphalt Shoveler
Cement Dumper (on 1 yard or larger mixer and handling bulk cement)
Cesspool Digger and Installer
Chucktender
Chute Man, pouring concrete, the handling of the chute from readymix trucks, such as walls, slabs, decks, floors, foundations, footings, curbs, gutters and sidewalks
Concrete Curer-Impervious Membrane and Form Oiler
Cutting Torch Operator (Demolition)
Fine Grader, Highways and Street Paving, Airport, Runways, and similar type heavy construction
Gas, Oil and/or Water Pipeline Wrapper-Pot Tender and Form Man
Guinea Chaser
Headerboard Man-Asphalt
Installation of all Asphalt Overlay Fabric and Materials used for Reinforcing Asphalt
Laborer, Packing Rod Steel and Pans
Membrane Vapor Barrier Installer
Power Broom Sweepers (small)
Riprap, Stonepaver, placing stone or wet sacked concrete
Roto Scraper and Tiller
Sandblaster (Pot Tender)
Septic Tank Digger and Installer (leadman)

GROUP 2 (continued)

Tank Scaler and Cleaner
Tree Climber, Faller, Chain Saw Operator, Pittsburgh Chipper and similar type
Brush Shredders
Underground Laborer, including Caisson Bellow

GROUP 3

Asphalt Installation of all fabrics
Buggymobile Man
Compactor (all types including Tampers, Barko, Wacker)
Concrete Cutting Torch
Concrete Pile Cutter
Driller, Jackhammer, 2 1/2 ft. drill steel or longer
Dri Pak-it Machine
Gas, Oil and/or Water Pipeline Wrapper - 6-inch pipe and over by any method, inside and out
High Scaler (including drilling of same)
Impact Wrench, Multi-Plate
Kettlemen, Potmen and Men applying asphalt, lay-kold, creosote, lime caustic and similar type materials
Laborer, Fence Erector
Material Hoseman (Walls, Slabs, Floors and Decks)
Operators of Pneumatic, Gas, Electric Tools, Vibrating Machines, Pavement Breakers, Air Blasting, Come-Alongs, and similar mechanical tools not separately classified herein; operation of remote controlled robotic tools in connection with Laborers work
Pipelayer's backup man, coating, grouting, making of joints, sealing, caulking, diapering and including rubber gasket joints, pointing and any and all other services
Power Post Hole Digger
Rock Slinger
Rotary Scarifier or Multiple Head Concrete Chipping Scarifier
Steel Headerboard Man and Guideline Setter
Trenching Machine, Hand Propelled

GROUP 4

Any Worker Exposed to Raw Sewage
Asphalt Raker, Luteman, Ironer, Asphalt Dumpman, and Asphalt Spreader Boxes (all types)
Concrete Core Cutter (walls, floors or ceilings), Grinder or Sander
Concrete Saw Man, Cutting Walls or Flat Work, Scoring old or new concrete
Cribber, Shorer, Lagging, Sheeting and Trench Bracing, Hand-Guided Lagging Hammer
Head Rock Slinger
Laborer, Asphalt-Rubber Distributor Bootman
Laser Beam in connection with Laborer's work
Oversize Concrete Vibrator Operator, 70 pounds and over
Pipelayer
Prefabricated Manhole Installer
Sandblaster (Nozzleman), Water Blasting, Porta Shot-Blast
Subsurface Imaging Laborer
Traffic Lane Closure, certified

GROUP 5

Blasters Powderman
Driller
Toxic Waste Removal
Welding, certified or otherwise in connection with Laborers' work

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #LANDSCAPE/IRRIGATION LABORER/TENDER

DETERMINATION: SC-102-X-14-2017-2

ISSUE DATE: August 22, 2017

EXPIRATION DATE OF DETERMINATION: July 31, 2018* Effective until superseded by a new determination issued by the Director of Industrial Relations.

Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after ten days after the expiration date if no subsequent determination is issued.

LOCALITY: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura counties.

CLASSIFICATION (Journey person)	Employer Payments						Straight-Time		Overtime Hourly Rate		
	Basic Hourly Rate	Health and Welfare	Pension	Vacation and Holiday	Training	Other	Hours	Total Hourly Rate	Daily ^b 1 1/2X	Saturday ^b 1 1/2X	Sunday/ Holiday 2X
Landscape/Irrigation Laborer	\$31.38	\$7.12	\$7.53	\$4.59 ^a	\$0.69	\$0.48	8	\$51.79	\$67.48	\$67.48	\$83.17
Landscape Hydro Seeder	\$32.48	\$7.12	\$7.53	\$4.59 ^a	\$0.69	\$0.48	8	\$52.89	\$69.13	\$69.13	\$85.37

DETERMINATION: SC-102-X-14-2017-2A

ISSUE DATE: August 22, 2017

EXPIRATION DATE OF DETERMINATION: July 31, 2018* Effective until superseded by a new determination issued by the Director of Industrial Relations.

Contact the Office of the Director – Research Unit at (415) 703-4774 for the new rates after ten days after the expiration date if no subsequent determination is issued.

LOCALITY: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura counties.

Landscape/Irrigation Tender ^c	\$14.21	\$2.25	\$1.00	\$1.27 ^a	--	\$0.21	8	\$18.94	\$26.045	\$26.045	\$33.15
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#Indicates an apprenticeable craft, the applicable apprentice determination for this journeyman determination is Landscape Irrigation Fitter. The current apprentice wage rates are available on the Internet at <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' Website at <http://www.dir.ca.gov/das/das.html>.

^a Includes an amount per hour worked for Supplemental Dues.

^b Rate applies to first 4 daily overtime hours and the first 12 hours on Saturday. All other time is paid at the Sunday and Holiday double-time rate.

^c The first employee on the jobsite shall be a Landscape/Irrigation Laborer; the second employee on the jobsite must be an Apprentice or a Landscape/Irrigation Laborer; and the third and fourth employees may be Tenders. The fifth employee on the jobsite shall be a Landscape/Irrigation Laborer; the sixth employee must be an Apprentice or a Landscape/Irrigation Laborer; and the seventh and eight employees may be Tenders. Thereafter, Tenders may be employed with Landscape/Irrigation Laborers in a 50/50 ratio on each jobsite. However, plant establishment may be performed exclusively by Landscape/Irrigation Tenders without the supervision of a Journeyman.

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the Travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Travel and/or Subsistence provisions for current or superseded determinations may be obtained by contacting the Office of the Director - Research Unit at (415) 703-4774.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #OPERATING ENGINEER

DETERMINATION: SC-23-63-2-2017-1

ISSUE DATE: August 22, 2017

EXPIRATION DATE OF DETERMINATION: June 30, 2018** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

LOCALITY: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

CLASSIFICATION (Journey person)	Basic Hourly Rate	Health and Welfare	Employer Payments				Straight – Time		Overtime Hourly Rate		
			Pension	Vacation/ Holiday (a)	Training	Other Payments	Hours	Total Hourly Rate	Daily (c)	Saturday (d)	Sunday/ Holiday
									1 1/2X	1 1/2X	2X
Classification Groups (b)											
Group 1	\$44.00	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$70.04	\$92.040	\$92.040	\$114.04
Group 2	\$44.78	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$70.82	\$93.210	\$93.210	\$115.60
Group 3	\$45.07	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$71.11	\$93.645	\$93.645	\$116.18
Group 4	\$46.56	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$72.60	\$95.880	\$95.880	\$119.16
Group 6	\$46.78	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$72.82	\$96.210	\$96.210	\$119.60
Group 8	\$46.89	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$72.93	\$96.375	\$96.375	\$119.82
Group 10	\$47.01	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.05	\$96.555	\$96.555	\$120.06
Group 12	\$47.18	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.22	\$96.810	\$96.810	\$120.40
Group 13	\$47.28	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.32	\$96.960	\$96.960	\$120.60
Group 14	\$47.31	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.35	\$97.005	\$97.005	\$120.66
Group 15	\$47.39	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.43	\$97.125	\$97.125	\$120.82
Group 16	\$47.51	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.55	\$97.305	\$97.305	\$121.06
Group 17	\$47.68	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.72	\$97.560	\$97.560	\$121.40
Group 18	\$47.78	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.82	\$97.710	\$97.710	\$121.60
Group 19	\$47.89	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.93	\$97.875	\$97.875	\$121.82
Group 20	\$48.01	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.05	\$98.055	\$98.055	\$122.06
Group 21	\$48.18	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.22	\$98.310	\$98.310	\$122.40
Group 22	\$48.28	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.32	\$98.460	\$98.460	\$122.60
Group 23	\$48.39	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.43	\$98.625	\$98.625	\$122.82
Group 24	\$48.51	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.55	\$98.805	\$98.805	\$123.06
Group 25	\$48.68	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.72	\$99.060	\$99.060	\$123.40

Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

^a Includes an amount withheld for supplemental dues.

^b For classifications within each group, see pages 8 and 9.

^c Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

^d Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

NOTE: For Special Shift and Multi-Shift, see pages 9A and 9B.

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

DETERMINATION: SC-23-63-2-2017-1

CLASSIFICATIONS:

GROUP 1

Bargeman
Brakeman
Compressor Operator
Ditchwitch, with seat or similar type equipment
Elevator Operator - Inside
Engineer Oiler
Forklift Operator (includes load, lull or similar types – under 5 tons)
Generator Operator
Generator, Pump or Compressor Plant Operator
Heavy Duty Repairman Helper
Pump Operator
Signalman
Switchman

GROUP 2

Asphalt-Rubber Plant Operator (Nurse Tank Operator)
Concrete Mixer Operator - Skip Type
Conveyor Operator
Fireman
Forklift Operator (includes load, lull or similar types – over 5 tons)
Hydrostatic Pump Operator
Oiler Crusher (Asphalt or Concrete Plant)
Petromat Laydown Machine
RJU Side Dump Jack
Rotary Drill Helper (Oilfield)
Screening and Conveyor Machine Operator (or similar types)
Skiploader (Wheel type up to 3/4 yd. without attachment)
Tar Pot Fireman
Temporary Heating Plant Operator
Trenching Machine Oiler

GROUP 3

Asphalt Rubber Blend Operator
(Skid Steer, with all
Equipment Greaser (rack)
Ford Ferguson (with dragtype attachments)
(ground)
Stationary Pipe Wrapping and Cleaning Machine Operator

GROUP 4

Asphalt Plant Fireman
Backhoe Operator (mini-max or similar type)
Boring Machine Operator
Boring System Electronic Tracking Locator
Boxman or Mixerman (asphalt or concrete)
Operator
Concrete Cleaning Decontamination Machine Operator
Concrete Pump Operator (small portable)
Drilling Machine Operator, Small Auger types (Texoma Super Economatic, or similar types - Hughes 100 or 200, or similar types - drilling depth of 30 maximum)
Equipment Greaser (grease truck)
Excavator Track/Rubber-Tired (Operating weight under 21,000 lbs)
Guard Rail Post Driver Operator
Highline Cableway Signalman
Hydra-Hammer-Aero Stomper
Hydraulic Casing Oscillator Operator – drilling depth of 30' maximum
(above ground tunnel)
Power Concrete Curing Machine Operator
Power Concrete Saw Operator
Power - Driver Jumbo Form Setter Operator
Power Sweeper Operator
Rock Wheel Saw/Trencher
Roller Operator (compacting)
Screed Operator (asphalt or concrete)
Trenching Machine Operator (up to 6ft.)
Vacuum or Muck Truck

GROUP 5 (for multi-shift rate, see page 9B)

Equipment Greaser (Grease Truck/Multi-Shift)

GROUP 6

Articulating Material Hauler
Asphalt Plant Engineer
Batch Plant Operator
Bit Sharpener
Concrete Joint Machine Operator (canal and similar type)
Concrete Placer Operator
Concrete Planer Operator
Dandy Digger
Deck Engine Operator
Deck Engineer
Derrickman (oilfield type)

Drilling Machine Operator, Bucket or Auger types (Calweld 100 bucket or similar types - Watson 1000 auger or similar types - Texoma 330, 500 or 600 auger or similar types - drilling depth of 45' maximum)
Drilling Machine Operator (including water wells)
Force Feed Loader

Hydraulic Casing Oscillator Operator – drilling depth of 45' maximum
Hydrographic Seeder Machine Operator (straw, pulp or seed)
Jackson Track Maintainer, or similar type
Kalamazoo Switch Tamber, or similar type
Machine Tool Operator
Maginnis Internal Full Slab Vibrator
Mechanical Berm, Curb or Gutter (concrete or asphalt)
Mechanical Finisher Operator (concrete, Clary-Johnson-Bidwell or similar)
Micro Tunnel System Operator (below ground)
Pavement Breaker Operator
Railcar Mover
Road Oil Mixing Machine Operator
Roller Operator (asphalt or finish)
Rubber-Tired Earthmoving Equipment (single engine, up to and including 25 yds. struck)
Self-Propelled Tar Pipelining Machine Operator
Skiploader Operator (crawler and wheel type, over 3/4 yds. and up to and including 1 1/2 yds. struck)
Slip Form Pump Operator (power driven hydraulic lifting device for concrete forms)
Tractor Operator - Bulldozer, Tamber-Scraper (single engine, up to 100 H.P. flywheel and similar types, up to and including D-5 and similar types)
Tugger Hoist Operator (1 drum)
Ultra High Pressure Waterjet Cutting Tool System Operator
Vacuum Blasting Machine Operator
Volume Mixer Operator
Welder – General

GROUP 7 (for multi-shift rate, see page 9B)

Welder – General (Multi-Shift)

GROUP 8

Asphalt or Concrete Spreading Operator (tamping or finishing)
Asphalt Paving Machine Operator (barber greene or similar type, one (1) Screedman)
Asphalt-Rubber Distributor Operator
Backhoe Operator (up to and including 3/4 yds.) small ford, case or similar
Backhoe Operator (over 3/4 yd. and up to 5 cu. yds. M.R.C.)
Barrier Rail Mover (BTM Series 200 or similar types)
Cast in Place Pipe Laying Machine Operator
Cold Foamed Asphalt Recycler
Combination Mixer and Compressor Operator (gunite work)
Compactor Operator - Self Propelled
Concrete Mixer Operator - Paving
Crushing Plant Operator
Drill Doctor
Drilling Machine Operator, Bucket or Auger types (Calweld 150 bucket or similar types - Watson 1500, 2000, 2500 auger or similar types - Texoma 700, 800 auger or similar types - drilling depth of 60' maximum)
Elevating Grader Operator
Excavator Track/Rubber-Tired (Operating Weight 21,000 lbs - 100,000 lbs)
Global Positioning System/GPS (or Technician)
Checker
Gradall Operator
Grouting Machine Operator
Heavy Duty Repairman/Pump Installer
Heavy Equipment Robotics Operator
Hydraulic Casing Oscillator Operator – drilling depth of 60' maximum
Hydraulic Operated Grout Plant (excludes hand loading)
Kalamazoo Ballast Regulator or similar type
Klemm Drill Operator or similar types
Kolman Belt Loader and similar type
Le Tourneau Blob Compactor or similar type
Lo Drill
Operator
Master Environmental Maintenance Mechanic
Mobark Chipper or similar types
Ozzie Padder or similar types
P.C. 490 Slot Saw
Pneumatic Concrete Placing Machine Operator (Hackley-Presswell or similar type)
Hydro-Ax
Pumpcrete Gun Operator
Rock Drill or Similar Types (see Miscellaneous Provision #4 for additional information regarding this classification)
Rotary Drill Operator (excluding caison type)
Rubber-Tired Earth Moving Equipment Operator (single engine, caterpillar, euclid, atthey wagon, and similar types with any and all attachments over 25 yds. and up to and including 50 cu. yds. struck)
Rubber-Tired Earth Moving Equipment Operator (multiple engine - up to and including 25 yds. struck)
Rubber-Tired Scraper Operator (self-loading paddle wheel type - John Deere, 1040 and similar single unit)
Self-Propelled Curb and Gutter Machine Operator
Shuttle Buggy
Skiploader Operator (crawler and wheel type over 1 1/2 yds. up to and including 6 1/2 yds.)
Soil Remediation Plant Operator (CMI, Envirotech or Similar)
Soil Stabilizer and Reclaimer (WR-2400)
Somero SXP Laser Screed
Speed Swing Operator
Surface Heaters and Planer Operator
Tractor Compressor Drill Combination Operator

DETERMINATION: SC-23-63-2-2017-1

GROUP 8 CONT.

Tractor Operator (any type larger than D-5 - 100 flywheel H.P. and over, or similar – bulldozer, tamper, scraper and push tractor, single engine)

Tractor Operator (boom attachments)

Traveling Pipe Wrapping, Cleaning and Bending Machine Operator

Trenching Machine Operator (over 6 ft. depth capacity, manufacturer's rating)

Trenching Machine with Road Miner Attachment (over 6ft. depth capacity, manufacturer's rating - Oiler or Journeyman Trainee required)

Ultra High Pressure Waterjet Cutting Tool System Mechanic

Water Pull (compaction)

GROUP 9 (for multi-shift rate, see page 9B)

Heavy Duty Repairman (Multi-Shift)

GROUP 10

Backhoe Operator (over 5 cu. yds. M.R.C.)

Drilling Machine Operator, Bucket or Auger types (Calweld 200 B bucket or similar types - Watson 3000 or 5000 auger or similar types - Texoma 900 auger or similar types - drilling depth of 105' maximum)

Dual Drum Mixer

Dynamic Compactor LDC350 or similar types

Heavy Duty Repairman-Welder combination

Hydraulic Casing Oscillator Operator – drilling depth of 105' maximum

Monorail Locomotive Operator (diesel, gas or electric)

Motor Patrol - Blade Operator (single engine)

Multiple Engine Tractor Operator (euclid and similar type - except quad 9 cat.

Pneumatic Pipe Ramming Tool and similar types

Pre-stressed Wrapping Machine Operator (2 Operators required)

Rubber - Tired Earth Moving Equipment Operator (single engine, over 50 yds. struck)

Rubber - Tired Earth Moving Equipment Operator (multiple engine, euclid caterpillar and similar - over 25 yds. and up to 50 yds. struck)

Tower Crane Repairman

Tractor Loader Operator (crawler and wheel-type over 6 1/2 yds.

Welder - Certified

Woods Mixer Operator (and similar pugmill equipment)

GROUP 11 (for multi-shift rate, see page 9B)

Heavy Duty Repairman – Welder Combination (Multi-Shift)

Welder – Certified (Multi-Shift)

GROUP 12

Auto Grader Operator

Automatic Slip Form Operator

Backhoe Operator (over 7 cu. yds. M.R.C.)

Drilling Machine Operator, Bucket or Auger types (Calweld, auger 200 CA or similar types - watson, auger 6000 or similar types - hughes super duty, auger 200 or similar types - drilling depth of 175' maximum)

Excavator Track/Rubber Tired (Operating Weight 100,000 lbs. - 200,000 lbs)

Hoe Ram or similar with compressor

Hydraulic Casing Oscillator Operator – drilling depth of 175' maximum

Mass Excavator Operator - less than 750 cu. yds.

Mechanical Finishing Machine Operator

Mobile Form Traveler Operator

Motor Patrol Operator (multi-engine)

Pipe Mobile Machine Operator

Moving Equipment

Rubber-Tired Self-Loading Scraper Operator (paddle-wheel-auger type self-loading - (two (2) or more units)

GROUP 13

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Push-Pull System (single engine, up to and including 25 yds. struck)

GROUP 14

Canal Liner Operator

Canal Trimmer Operator

Drilling Machine Operator, Bucket or Auger types (Calweld, auger 200 CA or similar types - watson, auger 6000 or similar types - hughes super duty, auger 200 or similar types - drilling depth of 300' maximum)

Remote Controlled Earth Moving Operator (\$1.00 per hour additional to base rate)

Wheel Excavator Operator (over 750 cu. yds. per hour)

GROUP 15

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Push-Pull System (single engine, caterpillar, euclid, atthey wagon, and similar types with any and all attachments over 25 yds. and up to and including 50 cu. yds. struck)

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Push-Pull System (multiple engine - up to and including 25 yds. struck)

MISCELLANEOUS PROVISIONS:

1. Operators on hoists with three drums shall receive fifteen cents (15¢) per hour additional pay to the regular rate of pay. The additional pay shall be added to the regular rate and become the base rate for the entire shift.
2. All heavy duty repairman and heavy duty combination shall receive fifty cents (50¢) per hour tool allowance in addition to their regular rate of pay and this shall become their base rate of pay.
3. Employees required to suit up and work in a hazardous material environment, shall receive Two Dollars (\$2.00) per hour in addition to their regular rate of pay, and that rate shall become the basic hourly rate of pay.
4. A review of rock drilling is currently pending. The minimum acceptable rate of pay for this classification or type of work on public works projects is Laborer and Related Classifications/Group 5 (Driller) as published on pages 13 and 14 of the Director's General Prevailing Wage Determinations. However, the published rate for the craft/classification of Operating Engineer/Group 8 (Rock Drill or Similar Types) may be used by contractors to perform rock drilling on public works projects.

GROUP 16

Excavator Track/Rubber Tired (Operating Weight exceeding 200,000 lbs.)

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Push-Pull System (single engine, over 50 yds. struck)

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Push-Pull System (multiple engine, euclid, caterpillar, and similar, over 25 yds. and up to 50 yds. struck)

GROUP 17

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Push-Pull System (multiple engine, euclid, caterpillar, and similar type, over 50 cu. yds. struck)

Tandem Tractor Operator (operating crawler type tractors in tandem - Quad 9 and similar type)

GROUP 18

Rubber-Tired Earth Moving Equipment Operator, Operating in Tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - single engine, up to and including 25 yds. struck)

GROUP 19

Rotex Concrete Belt Operator

Rubber-Tired Earth Moving Equipment Operator, Operating in Tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - single engine, caterpillar, euclid, atthey wagon, and similar types with any and all attachments over 25 yds. and up to and including 50 cu. yds. struck)

Rubber-Tired Earth Moving Equipment Operator, Operating in Tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - multiple engines, up to and including 25 yds. struck)

GROUP 20

Rubber-Tired Earth Moving Equipment Operator, Operating in Tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - single engine, over 50 yds. struck)

Rubber-Tired Earth Moving Equipment Operator, Operating in Tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - multiple engine, euclid, caterpillar and similar, over 25 yds. and up to 50 yds. struck)

Drilling Machine Operator, Bucket or Auger types (Calweld, auger 200 CA or similar type)

GROUP 21

Rubber-Tired Earth Moving Equipment Operator, Operating in Tandem (scrapers, belly dumps, and similar types in any combination, excluding compaction units - multiple engine, euclid, caterpillar and similar type, over 50 cu. yds. struck)

GROUP 22

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Tandem Push-Pull System (single engine, up to and including 25 yds. struck)

GROUP 23

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Tandem Push-Pull System (single engine, caterpillar, euclid, atthey wagon, and similar types with an and all attachments over 25 yds. and up to and including 50 cu. yds. struck)

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Tandem Push-Pull System (multiple engine, up to and including 25 yds. struck)

GROUP 24

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Tandem Push-Pull System (single engine, over 50 yds. Struck)

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Tandem Push-Pull System (multiple engine, euclid, caterpillar and similar, over 25 yds. and up to 50 yds. struck)

GROUP 25

Concrete Pump Operator-Truck Mounted

Pedestal Concrete Pump Operator

Rubber-Tired Earth Moving Equipment Operator, Operating Equipment with the Tandem

Push-Pull System (multiple engine, euclid, caterpillar and similar over 50 cu. yds struck)

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #OPERATING ENGINEER (Special Shift)

DETERMINATION: SC-23-63-2-2017-1

ISSUE DATE: August 22, 2017

EXPIRATION DATE OF DETERMINATION: June 30, 2018** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

LOCALITY: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

CLASSIFICATION (Journeyperson)	Basic Hourly Rate	Health and Welfare	Employer Payments				Hours	Straight – Time		Overtime Hourly Rate		
			Pension	Vacation/ Holiday (a)	Training	Other Payments		Total Hourly Rate	Daily (c)	Saturday (d)	Sunday/ Holiday	
									1 1/2X	1 1/2X	2X	
Classification Groups (b)												
Group 1	\$44.50	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$70.54	\$92.790	\$92.790	\$115.04	
Group 2	\$45.28	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$71.32	\$93.960	\$93.960	\$116.60	
Group 3	\$45.57	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$71.61	\$94.395	\$94.395	\$117.18	
Group 4	\$47.06	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.10	\$96.630	\$96.630	\$120.16	
Group 6	\$47.28	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.32	\$96.960	\$96.960	\$120.60	
Group 8	\$47.39	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.43	\$97.125	\$97.125	\$120.82	
Group 10	\$47.51	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.55	\$97.305	\$97.305	\$121.06	
Group 12	\$47.68	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.72	\$97.560	\$97.560	\$121.40	
Group 13	\$47.78	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.82	\$97.710	\$97.710	\$121.60	
Group 14	\$47.81	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.85	\$97.755	\$97.755	\$121.66	
Group 15	\$47.89	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.93	\$97.875	\$97.875	\$121.82	
Group 16	\$48.01	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.05	\$98.055	\$98.055	\$122.06	
Group 17	\$48.18	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.22	\$98.310	\$98.310	\$122.40	
Group 18	\$48.28	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.32	\$98.460	\$98.460	\$122.60	
Group 19	\$48.39	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.43	\$98.625	\$98.625	\$122.82	
Group 20	\$48.51	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.55	\$98.805	\$98.805	\$123.06	
Group 21	\$48.68	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.72	\$99.060	\$99.060	\$123.40	
Group 22	\$48.78	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.82	\$99.210	\$99.210	\$123.60	
Group 23	\$48.89	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.93	\$99.375	\$99.375	\$123.82	
Group 24	\$49.01	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$75.05	\$99.555	\$99.555	\$124.06	
Group 25	\$49.18	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$75.22	\$99.810	\$99.810	\$124.40	

Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

^a Includes an amount withheld for supplemental dues.

^b For classifications within each group, see pages 8 and 9.

^c Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

^d Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #OPERATING ENGINEER (Multi-Shift)

DETERMINATION: SC-23-63-2-2017-1

ISSUE DATE: August 22, 2017

EXPIRATION DATE OF DETERMINATION: June 30, 2018** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

LOCALITY: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara, and Ventura counties.

CLASSIFICATION (Journey person)	Basic Hourly Rate	Health and Welfare	Employer Payments				Straight – Time		Overtime Hourly Rate		
			Pension	Vacation/ Holiday (a)	Training	Other Payments	Hours (e)	Total Hourly Rate	Daily (c)	Saturday (d)	Sunday/ Holiday
									1 1/2X	1 1/2X	2X
Classification Groups (b)											
Group 1	\$45.00	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$71.04	\$93.540	\$93.540	\$116.04
Group 2	\$45.78	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$71.82	\$94.710	\$94.710	\$117.60
Group 3	\$46.07	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$72.11	\$95.145	\$95.145	\$118.18
Group 4	\$47.56	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.60	\$97.380	\$97.380	\$121.16
Group 5	\$47.66	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.70	\$97.530	\$97.530	\$121.36
Group 6	\$47.78	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.82	\$97.710	\$97.710	\$121.60
Group 7	\$47.88	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.92	\$97.860	\$97.860	\$121.80
Group 8	\$47.89	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$73.93	\$97.875	\$97.875	\$121.82
Group 9	\$47.99	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.03	\$98.025	\$98.025	\$122.02
Group 10	\$48.01	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.05	\$98.055	\$98.055	\$122.06
Group 11	\$48.11	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.15	\$98.205	\$98.205	\$122.26
Group 12	\$48.18	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.22	\$98.310	\$98.310	\$122.40
Group 13	\$48.28	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.32	\$98.460	\$98.460	\$122.60
Group 14	\$48.31	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.35	\$98.505	\$98.505	\$122.66
Group 15	\$48.39	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.43	\$98.625	\$98.625	\$122.82
Group 16	\$48.51	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.55	\$98.805	\$98.805	\$123.06
Group 17	\$48.68	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.72	\$99.060	\$99.060	\$123.40
Group 18	\$48.78	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.82	\$99.210	\$99.210	\$123.60
Group 19	\$48.89	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$74.93	\$99.375	\$99.375	\$123.82
Group 20	\$49.01	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$75.05	\$99.555	\$99.555	\$124.06
Group 21	\$49.18	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$75.22	\$99.810	\$99.810	\$124.40
Group 22	\$49.28	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$75.32	\$99.960	\$99.960	\$124.60
Group 23	\$49.39	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$75.43	\$100.125	\$100.125	\$124.82
Group 24	\$49.51	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$75.55	\$100.305	\$100.305	\$125.06
Group 25	\$49.68	\$11.45	\$9.65	\$3.55	\$1.00	\$0.39	8	\$75.72	\$100.560	\$100.560	\$125.40

Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @ <http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

^a Includes an amount withheld for supplemental dues.

^b For classifications within each group, see pages 8 and 9.

^c Rate applies to the first 4 overtime hours. All other daily overtime is paid at the Sunday rate.

^d Rate applies to the first 12 hours worked. All other time is paid at the Sunday rate.

^e The Third Shift shall work 6.5 hours, exclusive of meal period, for which 8 hours straight-time shall be paid at the non-shift rate, Monday through Friday.

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

DEPARTMENT OF INDUSTRIAL RELATIONS
Office of the Director – Research Unit
455 Golden Gate Avenue, 9th Floor
San Francisco, CA 94102

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P. O. Box 420603
San Francisco, CA 94142-0603



PREDETERMINED INCREASES FOR

**OPERATING ENGINEER (SC-23-63-2-2017-1)
OPERATING ENGINEER (MULTI-SHIFT) (SC-23-63-2-2017-1)
OPERATING ENGINEER (SPECIAL SHIFT) (SC-23-63-2-2017-1)**

**CRANES, PILE DRIVER AND HOISTING EQUIPMENT
(OPERATING ENGINEER) (SC-23-63-2-2017-1B)**

**CRANES, PILE DRIVER AND HOISTING EQUIPMENT
(OPERATING ENGINEER, MULTI-SHIFT) (SC-23-63-2-2017-1B1)**

**CRANES, PILE DRIVER AND HOISTING EQUIPMENT
(OPERATING ENGINEER, SPECIAL SHIFT) (SC-23-63-2-2017-1B2)**

TUNNEL (OPERATING ENGINEER) (SC-23-63-2-2017-1C)

TUNNEL (OPERATING ENGINEER) (SC-23-63-2-2017-1C1) (MULTI-SHIFT)

**BUILDING/CONSTRUCTION INSPECTOR, FIELD SOILS AND MATERIAL
TESTER, AND NON-DESTRUCTIVE TESTING (SC-23-63-2-2017-1D)**

**BUILDING/CONSTRUCTION INSPECTOR, FIELD SOILS AND MATERIAL
TESTER, AND NON-DESTRUCTIVE TESTING (SPECIAL SHIFT)
(SC-23-63-2-2017-1D1)**

**BUILDING/CONSTRUCTION INSPECTOR, FIELD SOILS AND MATERIAL
TESTER, AND NON-DESTRUCTIVE TESTING (MULTI-SHIFT)
(SC-23-63-2-2017-1D2)**

**ALL LOCALITIES WITH IMPERIAL, INYO, KERN, LOS ANGELES, MONO,
ORANGE, RIVERSIDE, SAN BERNARDINO, SAN LUIS OBISPO,
SANTA BARBARA, AND VENTURA COUNTIES**

These predetermined increases for the above named crafts apply only to the current determinations for work being performed on public works projects with bid advertisement dates on or after **September 1, 2017**, until the determination(s) is/are superseded by a new determination(s) or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project has a single asterisk (*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (**) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

OPERATING ENGINEER: All Classifications and All Shifts

The above Determinations are currently in effect and will expire on June 30, 2018**.

Effective on July 1, 2018, there will be an increase of \$2.30 to be allocated to wages and/or fringes.

There will be no further increases applicable to these determinations.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #TEAMSTER
(APPLIES ONLY TO WORK ON THE CONSTRUCTION SITE)

DETERMINATION: SC-23-261-2-2018-1

ISSUE DATE: February 22, 2018

EXPIRATION DATE OF DETERMINATION: June 30, 2018** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

LOCALITY: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties

Classification ^c (Journey person)	Basic Hourly and Rate	Health Welfare	Employer Payments				Straight-Time		Overtime Hourly Rates		
			Pension	Vacation/ Holiday	Training ^e	Other Payments	Hours	Total Hourly Rate	Daily ^d	Saturday ^d	Sunday/ Holiday
									1 1/2X	1 1/2X	2X
Group I	29.59	17.47	5.60	3.05 ^a	1.62	.45	8	57.78	72.575	72.575	87.37
Group II	29.74	17.47	5.60	3.05 ^a	1.62	.45	8	57.93	72.80	72.80	87.67
Group III	29.87	17.47	5.60	3.05 ^a	1.62	.45	8	58.06	72.995	72.995	87.93
Group IV	30.06	17.47	5.60	3.05 ^a	1.62	.45	8	58.25	73.28	73.28	88.31
Group V	30.09	17.47	5.60	3.05 ^a	1.62	.45	8	58.28	73.325	73.325	88.37
Group VI	30.12	17.47	5.60	3.05 ^a	1.62	.45	8	58.31	73.37	73.37	88.43
Group VII	30.37	17.47	5.60	3.05 ^a	1.62	.45	8	58.56	73.745	73.745	88.93
Group VIII	30.62	17.47	5.60	3.05 ^a	1.62	.45	8	58.81	74.12	74.12	89.43
Group IX	30.82	17.47	5.60	3.05 ^a	1.62	.45	8	59.01	74.42	74.42	89.83
Group X	31.12	17.47	5.60	3.05 ^a	1.62	.45	8	59.31	74.87	74.87	90.43
Group XI	31.62	17.47	5.60	3.05 ^a	1.62	.45	8	59.81	75.62	75.62	91.43
Subjourneyman ^b											
0-2000 hours	15.80	17.47	5.60	1.90 ^a	1.62	.45	8	42.84	50.74	50.74	58.64
2001-4000 hours	17.80	17.47	5.60	2.15 ^a	1.62	.45	8	45.09	53.99	53.99	62.89
4001-6000 hours	19.80	17.47	5.60	2.40 ^a	1.62	.45	8	47.34	57.24	57.24	67.14
Over 6000 hours and thereafter at journeyman rates											

Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @

<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp> . To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

^a Includes an amount for Supplemental Dues.

^b Subjourneyman may be employed at a ratio of one subjourneyman for every five journeymen.

^c For classifications within each group, see page 21A.

^d Rate applies to the first 4 daily overtime hours on weekdays and the first 12 hours on Saturday. All other overtime is paid at the Sunday/Holiday double-time rate.

^e Includes \$0.60 for Apprentice Program Fund and \$1.02 for Teamster Training and Upgrading Trust.

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/oprl/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

TRAVEL AND/OR SUBSISTENCE PAYMENT: In accordance with Labor Code Sections 1773.1 and 1773.9, contractors shall make travel and/or subsistence payments to each worker to execute the work. You may obtain the travel and/or subsistence provisions for the current determinations on the Internet at <http://www.dir.ca.gov/oprl/DPreWageDetermination.htm>. Travel and/or subsistence requirements for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

Group I

Warehouseman and Teamster

Group II

Driver of Vehicle or Combination of Vehicles - 2 axles

Traffic Control Pilot Car, excluding moving heavy equipment permit load

Truck Mounted Power Broom

Group III

Driver of Vehicle or Combination of Vehicles - 3 axles

Bootman

Cement Mason Distribution Truck

Fuel Truck Driver

Water Truck - 2 axles

Dump Truck of less than 16 yards water level

Erosion Control Driver

Group IV

Driver of Transit Mix Truck-Under 3 yds

Dumpcrete Truck Less than 6 1/2 yards water level

Truck Repairman Helper

Group V

Water Truck 3 or more axles

Warehouseman Clerk

Slurry Truck Driver

Group VI

Driver of Transit Mix Truck - 3 yds or more

Dumpcrete Truck 6 1/2 yds water level and over

Driver of Vehicle or Combination of Vehicles - 4 or more axles

Driver of Oil Spreader Truck

Dump Truck 16 yds to 25 yds water level

Side Dump Trucks

Flow Boy Dump Trucks

Group VII

A Frame, Swedish Crane or Similar

Forklift Driver

Ross Carrier Driver

Truck Greaser and Tireman - \$0.50 additional for Tireman

Pipeline and Utility Working Truck Driver, including Winch Truck and Plastic Fusion, limited to Pipeline and Utility Work

Working Truck Driver

Group VIII

Dump Truck of 25 yds to 49 yards water level

Truck Repairman

Water Pull Single Engine

Welder

Group IX

Truck Repairman Welder

Low Bed Driver, 9 axles or over

Group X

Water Pull Single Engine with attachment

Dump Truck and Articulating - 50 yards or more water level

Group XI

Water Pull Twin Engine

Water Pull Twin Engine with attachments

Winch Truck Driver - \$0.25 additional when operating a Winch or similar special attachments

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #TEAMSTER (SPECIAL SHIFT)
(APPLIES ONLY TO WORK ON THE CONSTRUCTION SITE)

DETERMINATION: SC-23-261-2-2018-1

ISSUE DATE: February 22, 2018

EXPIRATION DATE OF DETERMINATION: June 30, 2018** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

LOCALITY: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties

Classification ^c (Journeyman)	Basic Hourly Rate	Employer Payments					Straight-Time		Overtime Hourly Rates		
		Health and Welfare	Pension	Vacation/ Holiday	Training ^e	Other Payments	Hours	Total Hourly Rate	Daily ^d 1 1/2X	Saturday ^d 1 1/2X	Sunday/ Holiday 2X
Group I	30.09	17.47	5.60	3.05 ^a	1.62	.45	8	58.28	73.325	73.325	88.37
Group II	30.24	17.47	5.60	3.05 ^a	1.62	.45	8	58.43	73.55	73.55	88.67
Group III	30.37	17.47	5.60	3.05 ^a	1.62	.45	8	58.56	73.745	73.745	88.93
Group IV	30.56	17.47	5.60	3.05 ^a	1.62	.45	8	58.75	74.03	74.03	89.31
Group V	30.59	17.47	5.60	3.05 ^a	1.62	.45	8	58.78	74.075	74.075	89.37
Group VI	30.62	17.47	5.60	3.05 ^a	1.62	.45	8	58.81	74.12	74.12	89.43
Group VII	30.87	17.47	5.60	3.05 ^a	1.62	.45	8	59.06	74.495	74.495	89.93
Group VIII	31.12	17.47	5.60	3.05 ^a	1.62	.45	8	59.31	74.87	74.87	90.43
Group IX	31.32	17.47	5.60	3.05 ^a	1.62	.45	8	59.51	75.17	75.17	90.83
Group X	31.62	17.47	5.60	3.05 ^a	1.62	.45	8	59.81	75.62	75.62	91.43
Group XI	32.12	17.47	5.60	3.05 ^a	1.62	.45	8	60.31	76.37	76.37	92.43
Subjourneyman ^b											
0-2000 hours	15.80	17.47	5.60	1.90 ^a	1.62	.45	8	42.84	50.74	50.74	58.64
2001-4000 hours	17.80	17.47	5.60	2.15 ^a	1.62	.45	8	45.09	53.99	53.99	62.89
4001-6000 hours	19.80	17.47	5.60	2.40 ^a	1.62	.45	8	47.34	57.24	57.24	67.14
Over 6000 hours and thereafter at journeyman rates											

#Indicates an apprenticeable craft. The current apprentice wage rates are available on the Internet @

<http://www.dir.ca.gov/OPRL/PWAppWage/PWAppWageStart.asp>. To obtain any apprentice wage rates as of July 1, 2008 and prior to September 27, 2012, please contact the Division of Apprenticeship Standards or refer to the Division of Apprenticeship Standards' website at <http://www.dir.ca.gov/das/das.html>.

^aIncludes an amount for Supplemental Dues.

^bSubjourneyman may be employed at a ratio of one subjourneyman for every five journeymen.

^cFor classifications within each group, see page 21A.

^dRate applies to the first 4 daily overtime hours and the first 12 hours on Saturday. All other overtime is paid at the Sunday/Holiday double-time rate.

^eIncludes \$0.60 for Apprentice Program Fund and \$1.02 for Teamster Training and Upgrading Trust.

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/oprl/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1

FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

CRAFT: #TEAMSTER (SECOND SHIFT)
(APPLIES ONLY TO WORK ON THE CONSTRUCTION SITE)

DETERMINATION: SC-23-261-2-2018-1

ISSUE DATE: February 22, 2018

EXPIRATION DATE OF DETERMINATION: June 30, 2018** The rate to be paid for work performed after this date has been determined. If work will extend past this date, the new rate must be paid and should be incorporated in contracts entered into now. Contact the Office of the Director - Research Unit for specific rates at (415) 703-4774.

LOCALITY: All localities within Imperial, Inyo, Kern, Los Angeles, Mono, Orange, Riverside, San Bernardino, San Luis Obispo, Santa Barbara and Ventura Counties

Classification ^c (Journeyman)	Basic Hourly Rate	Employer Payments					Straight-Time		Overtime Hourly Rates		
		Health and Welfare	Pension	Vacation/ Holiday	Training ^f	Other Payments	Hours ^d	Total Hourly Rate	Daily ^e	Saturday ^e	Sunday/ Holiday
									1 1/2X	1 1/2X	2X
Group I	30.59	17.47	5.60	3.05 ^a	1.62	.45	8	58.78	74.075	74.075	89.37
Group II	30.74	17.47	5.60	3.05 ^a	1.62	.45	8	58.93	74.30	74.30	89.67
Group III	30.87	17.47	5.60	3.05 ^a	1.62	.45	8	59.06	74.495	74.495	89.93
Group IV	31.06	17.47	5.60	3.05 ^a	1.62	.45	8	59.25	74.78	74.78	90.31
Group V	31.09	17.47	5.60	3.05 ^a	1.62	.45	8	59.28	74.825	74.825	90.37
Group VI	31.12	17.47	5.60	3.05 ^a	1.62	.45	8	59.31	74.87	74.87	90.43
Group VII	31.37	17.47	5.60	3.05 ^a	1.62	.45	8	59.56	75.245	75.245	90.93
Group VIII	31.62	17.47	5.60	3.05 ^a	1.62	.45	8	59.81	75.62	75.62	91.43
Group IX	31.82	17.47	5.60	3.05 ^a	1.62	.45	8	60.01	75.92	75.92	91.83
Group X	32.12	17.47	5.60	3.05 ^a	1.62	.45	8	60.31	76.37	76.37	92.43
Group XI	32.62	17.47	5.60	3.05 ^a	1.62	.45	8	60.81	77.12	77.12	93.43
Subjourneyman ^b											
0-2000 hours	15.80	17.47	5.60	1.90 ^a	1.62	.45	8	42.84	50.74	50.74	58.64
2001-4000 hours	17.80	17.47	5.60	2.15 ^a	1.62	.45	8	45.09	53.99	53.99	62.89
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Over 6000 hours and thereafter at journeyman rates											

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^aIncludes an amount for Supplemental Dues.

^bSubjourneyman may be employed at a ratio of one subjourneyman for every five journeymen.

^cFor classifications within each group, see page 21A.

^dThe third shift shall work 6.5 hours, exclusive of meal period, for which 8 hours straight-time shall be paid at the non-shift rate, Monday through Friday.

^eRate applies to the first 4 daily overtime hours and the first 12 hours on Saturday. All other overtime is paid at the Sunday/Holiday double-time rate.

^fIncludes \$0.60 for Apprentice Program Fund and \$1.02 for Teamster Training and Upgrading Trust.

RECOGNIZED HOLIDAYS: Holidays upon which the general prevailing hourly wage rate for Holiday work shall be paid, shall be all holidays in the collective bargaining agreement, applicable to the particular craft, classification, or type of worker employed on the project, which is on file with the Director of Industrial Relations. If the prevailing rate is not based on a collectively bargained rate, the holidays upon which the prevailing rate shall be paid shall be as provided in Section 6700 of the Government Code. You may obtain the holiday provisions for the current determinations on the Internet at <http://www.dir.ca.gov/oprl/DPreWageDetermination.htm>. Holiday provisions for current or superseded determinations may be obtained by contacting the Office of the Director – Research Unit at (415) 703-4774.

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DEPARTMENT OF INDUSTRIAL RELATIONS
Office of the Director – Research Unit
455 Golden Gate Avenue, 9th Floor
San Francisco, CA 94102

MAILING ADDRESS:
P. O. Box 420603
San Francisco, CA 94142-0603



PREDETERMINED INCREASE FOR
TEAMSTER (SC-23-261-2-2018-1)
TEAMSTER (SECOND SHIFT) (SC-23-261-2-2018-1)
TEAMSTER (SPECIAL SHIFT) (SC-23-261-2-2018-1)

IN IMPERIAL, INYO, KERN, LOS ANGELES, MONO,
ORANGE, RIVERSIDE, SAN BERNARDINO, SAN LUIS OBISPO,
SANTA BARBARA AND VENTURA COUNTIES

This predetermined increase for the above named craft applies only to the above-referenced determination for work being performed on public works projects with bid advertisement dates on or after **March 4, 2018**, until this determination is superseded by a new determination or a predetermined increase modification notice becomes effective.

When referencing our prevailing wage determinations, please note that if the prevailing wage rate determination which was in effect on the bid advertisement date of a project has a single asterisk (*) after the expiration date, the rate will be good for the life of the project. However, if a prevailing wage rate determination has double asterisks (**) after the expiration date, the rate must be updated on the following date to reflect the predetermined rate change(s).

Teamster: Groups I-XI (All Shifts)

The predetermined increases applicable to Determination SC-23-261-2-2018-1 are as follows:

Effective July 1, 2018, \$1.85 to be allocated to wages and/or employer payments.

Note: Subjourneymen (0-6000 hours) receive no predetermined increases.

There will be no further increases applicable to this determination.

GENERAL PREVAILING WAGE DETERMINATION MADE BY THE DIRECTOR OF INDUSTRIAL RELATIONS
PURSUANT TO CALIFORNIA LABOR CODE PART 7, CHAPTER 1, ARTICLE 2, SECTIONS 1770, 1773 AND 1773.1
FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**LOCALITY: IMPERIAL COUNTY
DETERMINATION: IMP-2018-1**

DETERMINATION: IMP-2018-1					EMPLOYER PAYMENTS					STRAIGHT-TIME		OVERTIME HOURLY RATE							
CRAFT (JOURNEY LEVEL)			ISSUE DATE	EXPIRATION DATE	BASIC HOURLY RATE	HEALTH AND WELFARE	PENSION	VACATION/ HOLIDAY	TRAINING	OTHER PAYMENTS	HOURS	TOTAL HOURLY RATE	DAILY	SATURDAY	SUNDAY AND HOLIDAY				
#	BRICKLAYER:	2/22/2018	10/31/2018**	A	47.360	8.250	7.600	-	B	0.940	0.100	C	8.0	64.250	D	87.930	D	87.930	111.610
	MASON FINISHER	2/22/2018	10/31/2018*	A	36.260	8.250	7.600	-	B	0.830	0.100	C	8.0	53.040	D	71.170	D	71.170	89.300
#	BRICK TENDER	8/22/2017	06/30/2018**		31.360	7.120	7.530	F	4.100	0.650	0.440	C	8.0	51.200		66.880		66.880	82.560
#	BRICK TENDER:																		
	FORKLIFT OPERATOR	8/22/2017	06/30/2018**		31.810	7.120	7.530	F	4.100	0.650	0.440	C	8.0	51.650		67.560		67.560	83.460
#	CARPET LAYER:																		
	RESILIENT TILE LAYER	2/22/2018	12/31/2018**		30.020	4.100	7.940	0.700	0.500	0.440	8.0	43.700	G	58.710	H	58.710		73.720	
I	MATERIAL HANDLER - FIRST SIX MONTHS	2/22/2018	12/31/2018*		11.000	-	-	0.500	-	-	8.0	11.500	G	17.000	H	17.000		22.500	
I	MATERIAL HANDLER - AFTER SIX MONTHS	2/22/2018	12/31/2018*		11.000	4.100	0.150	0.500	0.100	-	8.0	15.850	G	21.350	H	21.350		26.850	
#	DRYWALL FINISHER																		
	DRYWALL FINISHER	2/22/2018	09/30/2018**	J	38.580	8.450	6.380	3.070	0.670	0.670	8.0	57.820		77.110	K	77.110		96.400	
#	ELECTRICIAN:																		
	INSIDE WIREMAN, TECHNICIAN	2/22/2018	06/03/2018**		43.250	6.910	L	4.850	-	0.870	0.240	8.0	57.420	M	79.690	M	79.690		101.970
	CABLE SPLICER	2/22/2018	06/03/2018**		44.000	6.910	L	4.850	-	0.870	0.240	8.0	58.190	M	80.850	M	80.850		103.510
	TUNNEL WIREMAN	2/22/2018	06/03/2018**		48.660	6.910	L	4.850	-	0.870	0.240	8.0	62.990	M	88.050	M	88.050		113.110
	TUNNEL CABLE SPLICER	2/22/2018	06/03/2018**		49.410	6.910	L	4.850	-	0.870	0.240	8.0	63.760	M	89.210	M	89.210		114.650
	INSIDE WIREMAN, TECH. FOR ELECTRICAL PROJECTS OF MORE THAN \$500,000	2/22/2018	06/03/2018**		46.250	6.910	L	4.850	-	0.870	0.240	8.0	60.510	M	84.330	M	84.330		108.150
	CABLE SPLICER FOR ELECTRICAL PROJECTS OF MORE THAN \$500,000	2/22/2018	06/03/2018**		47.000	6.910	L	4.850	-	0.870	0.240	8.0	61.280	M	85.490	M	85.490		109.690
	TUNNEL WIREMAN FOR ELECTRICAL PROJECTS OF MORE THAN \$500,000	2/22/2018	06/03/2018**		51.660	6.910	L	4.850	-	0.870	0.240	8.0	66.080	M	92.680	M	92.680		119.290
	TUNNEL CABLE SPLICER FOR ELECTRICAL PROJECTS OF MORE THAN \$500,000	2/22/2018	06/03/2018**		52.410	6.910	L	4.850	-	0.870	0.240	8.0	66.850	M	93.840	M	93.840		120.830
	SOUND AND SIGNAL TECHNICIAN STREETLIGHTING, TRAFFIC SIGNAL, UNDERGROUND SYSTEMS	2/22/2018	06/03/2018**		31.000	6.910	L	3.840	-	0.780	0.140	8.0	43.600	G	59.560	N	59.560		75.530
O	JOURNEYMAN TECHNICIAN GRADE 1	2/22/2018	09/30/2018**		31.460	5.950	L	1.500	-	0.250	0.170	8.0	40.270	P	56.480	P	56.480		72.680
O	TECH GRADE 2	2/22/2018	09/30/2018**		26.250	5.950	L	1.500	-	0.250	0.170	8.0	34.910	P	48.430	P	48.430		61.950
O	TECH GRADE 3	2/22/2018	09/30/2018**		23.800	5.950	L	1.500	-	0.250	0.170	8.0	32.380	P	44.640	P	44.640		56.900
O	TECH GRADE 4	2/22/2018	09/30/2018**		17.100	5.950	L	-	-	0.250	0.170	8.0	23.980	P	32.790	P	32.790		41.600
O	TECH GRADE 5	2/22/2018	09/30/2018**		14.400	5.950	L	-	-	0.250	0.170	8.0	21.200	P	28.620	P	28.620		36.030
#	FIELD SURVEYOR:																		
Q	CHIEF OF PARTY (018.167-010)	2/22/2018	09/30/2018**		48.860	11.450	9.650	F	4.620	1.100	0.150	8.0	75.830	R	#####	R	100.260		124.690
Q	INSTRUMENTMAN (018.167-034)	2/22/2018	09/30/2018**		46.360	11.450	9.650	F	4.450	1.100	0.150	8.0	73.160	R	96.340	R	96.340		119.520
Q	CHAINMAN/RODMAN (869.567-010)	2/22/2018	09/30/2018**		45.780	11.450	9.650	F	4.400	1.100	0.150	8.0	72.530	R	95.420	R	95.420		118.310
#	GLAZIER	2/22/2017	09/30/2017*	J	41.550	7.930	9.360	-	0.580	0.350	S	8.0	59.770	T	80.540	T	80.540		101.320
#	MARBLE FINISHER	8/22/2017	05/31/2018**	U	30.930	9.250	2.830	-	0.870	0.330	8.0	44.210	V	59.670	W	59.670	X	75.140	
#	PAINTER																		
Y	INDUSTRIAL PAINTER	2/22/2018	06/30/2018**	A	32.520	8.450	3.040	2.200	0.700	0.910	8.0	47.820	Z	64.080	Z	64.080	Z	64.080	
#	PAINTER:																		
Y	PAINTER, LEAD ABATEMENT	2/22/2018	06/30/2018**	A	31.120	8.450	3.040	2.050	0.600	0.910	8.0	46.170	Z	61.730	Z	61.730	Z	61.730	

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FOR COMMERCIAL BUILDING, HIGHWAY, HEAVY CONSTRUCTION AND DREDGING PROJECTS

**LOCALITY: IMPERIAL COUNTY
DETERMINATION: IMP-2018-1**

DETERMINATION: IMP-2018-1			EMPLOYER PAYMENTS							STRAIGHT-TIME		OVERTIME HOURLY RATE			
CRAFT (JOURNEY LEVEL)			ISSUE DATE	EXPIRATION DATE	BASIC HOURLY RATE	HEALTH AND WELFARE	PENSION	VACATION/ HOLIDAY	TRAINING	OTHER PAYMENTS	HOURS	TOTAL HOURLY RATE	DAILY	SATURDAY	SUNDAY AND HOLIDAY
Y	REPAINT PAINTER, LEAD ABATEMENT	2/22/2018	06/30/2018**	A	27.590	8.450	3.040	1.990	0.600	0.910	8.0	42.580	AA 56.380	AA 56.380	AA 56.380
Y	INDUSTRIAL REPAINT PAINTER	2/22/2018	06/30/2018**	A	28.840	8.450	3.040	2.130	0.700	0.910	8.0	44.070	AA 58.490	AA 58.490	AA 58.490
#	PLASTERER	8/22/2017	07/31/2018*		35.610	9.130	4.590	AB 5.650	0.730	0.990	AC 8.0	56.700	Z 74.510	AD 74.510	92.310
#	AE PLASTER TENDER	8/22/2017	08/07/2018*		35.050	7.120	6.930	AB 5.120	1.020	0.960	8.0	56.200	AF 73.720	AG 73.720	91.250
	PLASTER CLEAN-UP LABORER	8/22/2017	08/07/2018*		32.500	7.120	6.930	AB 5.120	1.020	0.960	8.0	53.650	AF 69.900	AG 69.900	86.150
#	PLUMBER:														
	PLUMBER, INDUSTRIAL AND GENERAL PIPEFITTER	2/22/2018	08/31/2018**	AH	49.280	8.160	AI 11.500	AJ -	1.950	AK 1.250	8.0	72.140	AL 95.930	AL 95.930	118.100
	SEWER AND STORM DRAIN PIPELAYER	2/22/2018	08/31/2018**	AH	36.390	8.050	AI 8.650	AJ -	1.680	AK 1.250	8.0	56.020	73.370	AM 73.370	90.100
AN	SEWER AND STORM DRAIN PIPE TRADESMAN	8/22/2017	08/31/2018**	AH	18.130	8.050	0.380	-	1.110	AK 1.100	8.0	28.770	36.980	AM 36.980	45.200
	SERVICE & REPAIR (PLUMBER/HVAC-FITTER)	2/22/2018	08/31/2018**	AH	47.760	8.160	AI 11.190	AJ -	1.280	AK 1.250	8.0	69.640	92.670	AO 92.670	AP 114.080
	LANDSCAPE/IRRIGATION FITTER	2/22/2018	08/31/2018**	U	32.300	8.160	AI 11.500	AJ -	1.340	AK 1.050	AM 8.0	54.350	70.500	70.500	85.300
AQ	LANDSCAPE/IRRIGATION TRADESMAN	8/22/2017	08/31/2018**	U	14.110	3.000	AI 0.880	-	0.100	AK 0.850	AM 8.0	18.940	26.000	26.000	33.050
	FIRE SPRINKLER FITTER	2/22/2018	03/31/2018*	&	11.000	8.770	11.060	-	0.450	-	8.0	31.280	AR 36.780	AR 36.780	AR 36.780
#	ROOFER	2/22/2018	06/30/2018**	AS	30.730	6.670	1.620	-	0.300	0.030	8.0	39.350	53.850	AT 53.850	X 68.350
	PITCH WORK	2/22/2018	06/30/2018**	AS	32.230	6.670	1.620	-	0.300	0.030	8.0	40.850	56.100	AT 56.100	X 71.350
#	SHEET METAL WORKER (HVAC)	8/22/2017	06/30/2018**	A	36.880	AU 9.120	AV 16.580	-	AW 0.830	AX 0.590	AM 8.0	64.000	AL 82.440	AL 82.440	100.880
AY	SHEET METAL TECHNICIAN	8/22/2017	06/30/2018*	A	27.700	AU 6.210	AV 1.250	-	AW 0.780	AX 0.540	AM 8.0	36.480	AL 50.330	AL 50.330	64.180
AZ	UTILITY WORKER	8/22/2017	06/30/2018*		13.650	AU 5.810	BA -	-	AW 0.450	AX 0.540	AM 8.0	20.450	AL 27.270	AL 27.270	34.100
#	TERRAZZO FINISHER	8/22/2017	08/31/2018**	J	29.750	8.750	3.530	BB -	0.630	0.260	AM 8.0	42.920	V 57.790	BC 57.790	X 72.670
#	TERRAZZO WORKER	8/22/2017	08/31/2018**	J	36.750	9.250	3.860	BB -	0.710	0.260	AM 8.0	50.830	V 69.210	BC 69.210	X 87.580
#	TILE FINISHER	8/22/2017	05/31/2018**	U	25.980	8.430	2.000	-	0.800	0.280	8.0	37.490	V 50.480	W 50.480	X 63.470
#	TILE LAYER	8/22/2017	05/31/2018**	U	37.760	9.250	6.140	-	0.980	0.370	8.0	54.500	V 73.380	W 73.380	X 92.260

LOCALITY: IMPERIAL COUNTY
DETERMINATION: IMP-2018-1

DETERMINATION: IMP-2018-1			INCREASE 1			INCREASE 2			INCREASE 3			INCREASE 4		INCREASE 5		INCREASE 6		INCREASE 7		INCREASE 8	
CRAFT (JOURNEY LEVEL)			ISSUE DATE	EXPIRATION DATE	DATE OF NEXT CHANGE	AMOUNT OF INCREASE	DATE OF NEXT CHANGE	AMOUNT OF INCREASE	DATE OF NEXT CHANGE	AMOUNT OF INCREASE	DATE OF NEXT CHANGE	AMOUNT OF INCREASE	DATE OF NEXT CHANGE	AMOUNT OF INCREASE	DATE OF NEXT CHANGE	AMOUNT OF INCREASE	DATE OF NEXT CHANGE	AMOUNT OF INCREASE	DATE OF NEXT CHANGE	AMOUNT OF INCREASE	
B	BRICKLAYER:	2/22/2018	10/31/2018**	11/1/2018	\$1.50	A	11/1/2019	\$2.00	A	11/1/2020	\$2.00	A									
	BRICK TENDER:	8/22/2017	06/30/2018**	7/1/2018	\$1.60	A	7/1/2019	\$1.60	A	7/1/2020	\$1.55	A									
	BRICK TENDER:																				
	FORKLIFT OPERATOR	8/22/2017	06/30/2018**	7/1/2018	\$1.60	A	7/1/2019	\$1.60	A	7/1/2020	\$1.55	A									
	CARPET LAYER:																				
	RESILIENT TILE LAYER	2/22/2018	12/31/2018**	1/1/2019	\$0.78	C															
	DRYWALL FINISHER																				
	DRYWALL FINISHER	2/22/2018	09/30/2018**	10/1/2018	\$2.35	D	10/1/2019	\$2.40	A												
	ELECTRICIAN:																				
	INSIDE WIREMAN, TECHNICIAN	2/22/2018	06/03/2018**	6/4/2018	\$2.29	E	6/3/2019	\$1.75	A												
H	CABLE SPLICER	2/22/2018	06/03/2018**	6/4/2018	\$2.29	E	6/3/2019	\$1.75	A												
	TUNNEL WIREMAN	2/22/2018	06/03/2018**	6/4/2018	\$2.44	F	6/3/2019	\$1.75	A												
	TUNNEL CABLE SPLICER	2/22/2018	06/03/2018**	6/4/2018	\$2.44	F	6/3/2019	\$1.75	A												
	INSIDE WIREMAN, TECH. FOR ELECTRICAL PROJECTS OF MORE THAN \$500,000	2/22/2018	06/03/2018**	6/4/2018	\$2.29	E	6/3/2019	\$1.75	A												
	CABLE SPLICER FOR ELECTRICAL PROJECTS OF MORE THAN \$500,000	2/22/2018	06/03/2018**	6/4/2018	\$2.29	E	6/3/2019	\$1.75	A												
	TUNNEL WIREMAN FOR ELECTRICAL PROJECTS OF MORE THAN \$500,000	2/22/2018	06/03/2018**	6/4/2018	\$2.44	F	6/3/2019	\$1.75	A												
	TUNNEL CABLE SPLICER FOR ELECTRICAL PROJECTS OF MORE THAN \$500,000	2/22/2018	06/03/2018**	6/4/2018	\$2.44	F	6/3/2019	\$1.75	A												
	SOUND AND SIGNAL TECHNICIAN	2/22/2018	06/03/2018**	6/4/2018	\$1.03	G															
	STREETLIGHTING, TRAFFIC SIGNAL, UNDERGROUND SYSTEMS JOURNEYMAN	2/22/2018	09/30/2018**	10/1/2018	\$1.01	I	10/7/2019	\$1.01	I												
	TECHNICIAN GRADE 1																				
H	TECH GRADE 2	2/22/2018	09/30/2018**	10/1/2018	\$0.82	J	10/7/2019	\$0.83	K												
H	TECH GRADE 3	2/22/2018	09/30/2018**	10/1/2018	\$0.67	L	10/7/2019	\$0.67	L												
H	TECH GRADE 4	2/22/2018	09/30/2018**	10/1/2018	\$0.57	M	10/7/2019	\$0.57	M												
H	TECH GRADE 5	2/22/2018	09/30/2018**	10/1/2018	\$0.47	N	10/7/2019	\$0.46	O												
P	FIELD SURVEYOR:																				
	CHIEF OF PARTY (018.167-010)	2/22/2018	09/30/2018**	10/1/2018	\$2.30	A															
	INSTRUMENTMAN (018.167-034)	2/22/2018	09/30/2018**	10/1/2018	\$2.30	A															
	CHAINMAN/RODMAN (869.567-010)	2/22/2018	09/30/2018**	10/1/2018	\$2.30	A															
	MARBLE FINISHER	8/22/2017	05/31/2018**	6/1/2018	\$1.85	A	6/1/2019	\$1.85	A												

00410 BID FORM

Project Identification: **Poe Colonia Wastewater Treatment Plant Improvements**

Contract Identification and Number: _____

TABLE OF ARTICLES

	<i>Page</i>
Article 1 - Bid Recipient	00410-1
Article 2 - Bidder's Acknowledgments	00410-1
Article 3 - Bidder's Representations	00410-1
Article 4 - Further Representations	00410-2
Article 5 - Basis of Bid – Schedule of Values	00410-3
Article 6 - Time of Completion	00410-5
Article 7 - Attachments to Bid	00410-5
Article 8 - Defined Terms	00410-6
Article 9 - Bid Submittal	00410-6

ARTICLE 1 - BID RECIPIENT

- 1.01 This Bid Is Submitted To: **County of Imperial Clerk of the Board of Supervisors at 940 W. Main Street, Suite 209, El Centro, CA 92243**
- 1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with the Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in the Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 - BIDDER'S ACKNOWLEDGMENTS

- 2.01 The Bidder accepts all of the terms and conditions of the Advertisement and Instructions to Bidders, including without limitations those dealing with the dispositions of Bid Security. The Bid will remain subject to acceptance for **sixty (60) days** after the Bid Opening, or for such longer period of time that the Bidder may agree to in writing upon a request from the Owner.

ARTICLE 3 - BIDDER'S REPRESENTATIONS

- 3.01 In submitting this Bid, the Bidder represents that:
 - A. The Bidder has examined and carefully studied the Bidding Documents, the other related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged.

Addendum No.	Addendum Date
_____	_____
_____	_____
_____	_____
_____	_____
 - B. The Bidder has visited the Site and become familiar with and is satisfied as to the General, Local, and Site conditions that may affect cost, progress, and performance of the Work.
 - C. The Bidder is familiar with and is satisfied as to all Federal, State, and Local Laws and Regulations that may affect cost, progress, and performance of the Work.

- D. The Bidder does not consider that any further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times and in accordance with the other terms and conditions of the Bidding Documents.
- E. The Bidder is aware of the general nature of the Work to be performed by the Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- F. The Bidder has correlated the information known to the Bidder, information and observations obtained from visits to the Site, reports and drawings identified in the Bidding Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Bidding Documents.
- G. The Bidder has given the Owner written notice of all conflicts, errors, ambiguities, or discrepancies that the Bidder has discovered in the Bidding Documents, and the written resolution thereof by the Engineer is acceptable to the Bidder.
- H. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.
- I. The Bidder will submit written evidence of its authority to do business in the State where the Project is located not later than the date of its execution of the Agreement.

ARTICLE 4 - FURTHER REPRESENTATIONS

4.01 The Bidder further represents that:

- A. This Bid is genuine and not made in the interest of or on the behalf of any undisclosed individual or entity and is not submitted in conformity with any agreement or rules of any group, association, organization, or corporation;
- B. The Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. The Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. The Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over the Owner.

ARTICLE 5 – BASIS OF BID – SCHEDULE OF VALUES

5.01 The Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

Item No.	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	UNIT PRICE	TOTAL
1.01	Install Wasteflow Dripline 24' 1 gph-with Gopherguard	LF	30,000	\$	\$
1.02	Remove and Dispose of Existing and Replace with New Drip Dispersal Headworks Assembly per Detail C on Sheet 4 of Plans.	EA	6	\$	\$
1.03	50 psi regulator, 20-90 gmp 3" ID Socket	EA	6	\$	\$
1.04	Remove Existing Meters	EA	6	\$	\$
1.05	1.5" meter and box	EA	2	\$	\$
1.06	2" Air Vacuum Release Valves	EA	24	\$	\$
1.07	LocTite adapter-slip 1/2" sckt 3/4' spig 505 (SSP bag 50)	EA	300	\$	\$
1.08	LocTite elbow- 1/2" 505-SC	EA	300	\$	\$
1.09	LocTite coupling- 1/2" 505-SC	EA	200	\$	\$
1.10	2" Spring Check Valve	EA	6	\$	\$
1.11	Pressure Gauge	EA	2	\$	\$
1.12	Replacement Screen for 2" Filter	EA	4	\$	\$
1.13	X100 Bag Filter Housing, piping and legs	EA	4	\$	\$
1.14	Furnish Bpong[]X01 Micron filter bags	EA	8	\$	\$
1.15	3'x5' concrete pad for bag filters	EA	1	\$	\$
1.16	Replace 2 V6403 Distribution Valves	EA	4	\$	\$
1.17	Schedule 80 3.0 inch PVC Pipe	LF	840	\$	\$
1.18	Schedule 80 2.0 inch PVC Pipe	LF	1,000	\$	\$
1.19	Replace distribution pump with PF5015 pumps and pipe	EA	2	\$	\$
1.20	Replace AX100 Filter Pod per Construction Note 8 on Sheet 2 of Plans.	EA	4	\$	\$
1.21	Remove Existing Drip Lines	LS	1	\$	\$
1.22	Clear, Grub, Mow, Disc, and Overseed drip line field	SY	6,400	\$	\$
1.23	Construct pads and raise filters	EA	2	\$	\$

1.24	Construct Dirt Berm (include import material)	CY	37	\$	\$
1.25	Provide Manufacturer's representative to calibrate the control system and set the floats	EA	1	\$	\$
Base Bid Total					\$

TOTAL LUMP SUM BID (Items 1.1 through 1.25) in Figures

\$ _____

TOTAL LUMP SUM BID (Items 1.1 through 1.25) in Words

_____ (only).

NOTE: The Project Manual is the bound documentary information prepared for bidding and constructing the Work. The listing of the contents of the Project Manual, which may be bound in one or more volumes, is contained in the Table of Contents in the Project Manual. The Bidder is to review the entire contents of the Project Manual and understand its provisions and requirements prior to preparing the Bid Form.

ARTICLE 6 - TIME OF COMPLETION

- 6.01 The Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment within the number of calendar days indicated in the Agreement.
- 6.02 The Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the work within the Contract Times.

ARTICLE 7 - ATTACHMENTS TO BID

7.01 The following documents are attached to and made a condition of the Bid:

- A. Non-Collusion Affidavit; and
- B. Required Bid Security of ten percent (10%) in the form of a Bid Bond (Section 00430) or Certified Check (circle type of security provided); and
- C. If Bid amount exceeds \$10,000, signed Compliance Statement/Certifications of Non-segregated Facilities (Section 00440). Refer to specific equal opportunity requirements set forth in paragraph 18.10 of the General Conditions; and
- D. If Bid amount exceeds \$25,000, signed Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion- Lower Tier Covered Transactions (Within Section 00451); and
- E. If Bid amount exceeds \$100,000, signed Certification for Contracts, Grant, and Loans (Section 00460). Refer to paragraph 18.11 of the General Conditions; and
- F. Worker's Compensation Certification; and
- G. A Tabulation of Subcontractors with Names and Addresses and percent of Total Contract; and
- H. Required Bidder Qualifications Statement with supporting data; and
- I. Tabulation of Major Material Suppliers; and
- J. Federal and State Contract Language Inclusion – January 1, 2014 – Exhibit 'A' (Section 00451).

ARTICLE 8 - DEFINED TERMS

8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 - BID SUBMITTAL

9.01 This Bid submitted by:

If Bidder is:

An Individual

Name (typed or printed): _____

By: _____
(Individual's signature)

SEAL,
if required
by State

Doing business as: _____

A Partnership

Partnership Name: _____

By: _____
(Signature of general partner -- attach evidence of authority to sign)

SEAL,
if required
by State

Name (typed or printed): _____

A Corporation

Corporation Name: _____

State of Incorporation: _____

Type (General Business, Profession, Service, Limited Liability): _____

By: _____
(Signature -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Attest _____
(Signature of Corporate Secretary)

CORPORATE
SEAL,
if required by State

Date of Qualification to do business in _____ California is ____/____/____

A Joint Venture

Name of Joint Venture: _____

First Joint Venture Name: _____

By: _____

(Signature of joint venture partner -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Second Joint Venture Name: _____

By: _____

(Signature of joint venture partner -- attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

(Each joint venturer must sign. The manner of signing for each individual, partnership, and corporation that is party to the venture should be in the manner indicated above.)

Bidder's Business Address:

Business Phone No. (____) _____

Business Fax No. (____) _____

Business E-Mail Address _____

State Contractor License No. _____.

Employer's Tax ID No. _____

Phone and Fax Numbers, and Address for receipt of official communications, if different from Business Contact Information:

9.02 Bid submitted on _____, 20____.

SEAL,
if required
by State

SEAL,
if required
by State

00420 NON COLLUSION AFFIDAVIT
(Public Contract Code Section 7106)

State of California

County of _____

_____, being first duly sworn, deposes and says that he or she is
_____ of _____, the party making the
foregoing bid, that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership,
company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder
has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a
sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly,
sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other
bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any
advantage against the public body awarding the contract of anyone interested in the proposed contract; that all
statements contained in the bid are true; and further that the bidder has not, directly or indirectly, submitted his or
her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or
paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or
to any member or agent thereof to effectuate a collusive or sham bid.

By: _____

Subscribed and sworn to before me on _____
(Date)

(Notary Public)

(SEAL

00430 BID BOND

Any singular reference to Bidder, Surety, Owner, or other party shall be considered plural where applicable.

BIDDER (Name and Address):

SURETY (Name and Address of Principal Place of Business):

OWNER (Name and Address):

**County of Imperial
Community & Economic Development Department
940 W. Main Street, Suite 203
El Centro, CA 92243**

BID

Bid Due Date: **Monday, September 17, 2018**

Project: **Poe Colonia Wastewater Treatment Plant Improvements**

BOND

Bond Number:

Date (Not later than Bid due date):

Penal sum _____
(Words) (Figures)

Surety and Bidder, intending to be legally bound hereby, subject to the terms printed on the reverse side hereof, do each cause this Bid Bond to be duly executed on its behalf by its authorized officer, agent, or representative.

BIDDER

SURETY

Bidder's Name and Corporate Seal (Seal)

Surety's Name and Corporate Seal (Seal)

By: _____
Signature and Title

By: _____
Signature and Title
(Attach Power of Attorney)

Attest: _____
Signature and Title

Attest: _____
Signature and Title

Note: Above addresses are to be used for giving required notice.

1. The Bidder and the Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to pay to the Owner upon default of the Bidder the penal sum set forth on the face of this Bond. Payment of the penal sum is the extent of the Surety's liability.
2. Default of the Bidder shall occur upon the failure of the Bidder to deliver within the time required by the Bidding Documents (or any extension thereof agreed to in writing by the Owner) the executed Agreement required by the Bidding Documents and the Performance and Payment Bonds required by the Bidding Documents.
3. This obligation shall be null and void if:
 - 3.1 The Owner accepts the Bidder's Bid and the Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by the Owner) the executed Agreement required by the Bidding Documents and the Performance and Payment Bonds required by the Bidding Documents, or
 - 3.2 All Bids are rejected by the Owner, or
 - 3.3 The Owner fails to issue a Notice of Award to the Bidder within the time specified in the Bidding Documents (or any extension thereof agreed to in writing by the Bidder and, if applicable, consented to by the Surety when required by Paragraph 5 hereof).
4. Payment under this Bond will be due and payable upon default by the Bidder and within **thirty (30) calendar days** after receipt by the Bidder and the Surety of written notice of default from Owner, which notice will be given with reasonable promptness, identifying this Bond and the Project and including a statement of the amount due.
5. The Surety waives notice of any and all defenses based upon or arising out of any time extension to issue the Notice of Award agreed to in writing by the Owner and the Bidder, provided that the total time for issuing the Notice of Award including extensions shall not in the aggregate exceed **one hundred and twenty (120) days** from Bid due date without the Surety's written consent.
6. No suit or action shall be commenced under this Bond prior to **thirty (30) calendar days** after the notice of default required in Paragraph 4 above is received by the Bidder and the Surety and in no case later than **one (1) year** after the Bid due date.
7. Any suit or action under this Bond shall be commenced only in a court of competent jurisdiction located in the State of California.
8. Notices required hereunder shall be in writing and sent to the Bidder and the Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier, or by United States Registered or Certified Mail, return receipt requested, postage pre-paid, and shall be deemed to be effective upon receipt by the party concerned.
9. The Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent, or representative who executed this Bond on behalf of the Surety to execute, seal, and deliver such Bond and bind the Surety thereby.
10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond shall be deemed to be included herein as if set forth at length. If any provision of this Bond conflicts with any applicable statute, then the provision of said statute shall govern and the remainder of this Bond that is not in conflict therewith shall continue in full force and effect.
11. The term "Bid" as used herein includes a Bid, offer, or proposal as applicable.

00440 COMPLIANCE STATEMENT

This statement relates to a proposed contract with the County of Imperial
(Name of borrower or grantee)

Who expects to finance the contract with assistance from the Community Development Block Grant (CDBG) or their successor agencies, California Department of Housing and Community Development (HCD) (whether by a loan, grant, loan insurance, guarantee, or other form of financial assistance). I am the Undersigned Bidder or Prospective Contractor. I represent that:

1. I ☐ have, ☐ have not, participated in a previous contract or subcontract subject to Executive Order 11246 (regarding equal employment opportunity) or a preceding similar Executive Order.
2. If I have participated in such a contract or subcontract, I ☐ have, ☐ have not, filed all Compliance Reports that I have been required to file in connection with the contract or subcontract.

If the proposed contract is for \$50,000 or more and I have 50 or more employees, I also represent that:

3. I ☐ have, ☐ have not, previously had contracts subject to the written Affirmative Action Program Requirements of the Secretary of Labor.
4. If I have participated in such a contract or subcontract, I ☐ have, ☐ have not, developed and placed on file at each establishment Affirmative Action Programs as required by the rules and regulations of the Secretary of Labor.

I understand that if I have failed to file any compliance reports that have been required by me, I am not eligible and will not be eligible to have my bid considered or to enter into the proposed contract unless and until I make an arrangement regarding such reports that is satisfactory to the CDBG, or to the office of the governing agency where the reports are required to be filed.

I also certify that I do not maintain or provide for my employees any segregated facilities at any of my establishments, and that I do not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I certify further that I will not maintain or provide for my employees any segregated facilities at any of my establishments, and that I will not permit my employees to perform their services at any location, under my control, where segregated facilities are maintained. I agree that a breach of this certification is a violation of the Equal Opportunity Clause in my contract. As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, creed, color, or national origin, because of habit, local custom, or otherwise. I further agree that (except where I have obtained identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity Clause; that I will retain such certifications in my files; and that I will forward the following notice to such proposed subcontractors (except where the proposed subcontractors have submitted identical certifications for specific time periods).

**NOTICE TO PROSPECTIVE SUBCONTRACTORS OF REQUIREMENTS
FOR
CERTIFICATIONS OF NON-SEGREGATED FACILITIES**

A certification of Nonsegregated Facilities, as required by the May 9, 1967, Order (32F.R. 7439, May 19, 1967) on Elimination of Segregated Facilities, by the Secretary of Labor, must be submitted prior to the award of a subcontract exceeding \$10,000 which is not exempt from the provisions of the Equal Opportunity Clause. The certification may be submitted either for each subcontract or for all subcontracts during a period (i.e., quarterly, semiannually, or annually)

NOTE: The penalty for making false statements in offers is prescribed in 18 U.S.C. 1001.

Date: _____

(Signature of Bidder or Prospective Contractor)

Address (including Zip Code)

00441 PUBLIC CONTRACT REQUIREMENTS

PUBLIC CONTRACT CODE SECTION 10162 QUESTIONNAIRE

In accordance with Public Contract Code Section 10162, the Bidder shall complete, under penalty of perjury, the following questionnaire:

Has the bidder, any officer of the bidder, or any employee of the bidder who has a proprietary interest in the bidder, ever been disqualified, removed, or otherwise prevented from bidding on, or completing a federal, state, or local government project because of a violation of law or a safety regulation?

Yes [] No []

If the answer is yes, explain the circumstances in the space below.

PUBLIC CONTRACT SECTION 10232 STATEMENT

In accordance with Public Contract Code Section 10232, the Contractor, hereby states, under penalty of perjury, that no more than one final unappealable finding of contempt of court by a federal court has been issued against the Contractor within the immediately preceding two year period because of the Contractor's failure to comply with an order of a federal court which orders the Contractor to comply with an order of the National Labor Relations Board.

Note: The above Statement and Questionnaire are part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Statement and Questionnaire.

Bidders are cautioned that making a false certification may subject the certifier to criminal prosecution.

PUBLIC CONTRACT CODE SECTION 10285.1 STATEMENT

In accordance with Public Contract Code Section 10285.1 (Chapter 376), Stats. 1985), the bidder, hereby declares under penalty of perjury under the laws of the State of California that the bidder has [], has not [], been convicted within the preceding three years of any offenses referred to in that section, including any charge of fraud, bribery, collusion, conspiracy, or any other act in violation of any state or federal antitrust law in connection with the bidding upon, award of, or performance of, any public works contract, as defined in Public Contract Code Section 1101, with any public entity, as defined in Public Contract Code Section 1100, including the Regents of the University of California or the Trustees of the California State University. The term "bidder" is understood to include any partner, member, officer, director, responsible managing officer, or responsible managing employee thereof, as referred to in Section 10285.1.

NOTE: THE BIDDER MUST PLACE A CHECK MARK AFTER "HAS" or "HAS NOT" IN ONE OF THE BLANK SPACES PROVIDED. THE ABOVE STATEMENT IS PART OF THE PROPOSAL. SIGNING THIS PROPOSAL ON THE SIGNATURE PORTION THEREOF SHALL ALSO CONSTITUTE SIGNATURE OF THIS STATEMENT. BIDDERS ARE CAUTIONED THAT MAKING A FALSE CERTIFICATION MAY SUBJECT THE CERTIFIER TO CRIMINAL PROSECUTION.

*(THE BIDDER'S EXECUTION ON THE SIGNATURE PORTION OF THIS PROPOSAL
SHALL ALSO CONSTITUTE AN ENDORSEMENT AND EXECUTION OF THOSE
CERTIFICATIONS WHICH ARE A PART OF THIS PROPOSAL)*

EQUAL EMPLOYMENT OPPORTUNITY CERTIFICATION

The bidder _____, proposed subcontractor _____, hereby certifies that he has _____, has not _____, participated in a previous contract or subcontract subject to the equal opportunity clauses, as required by Executive Orders 10925, 11114, or 11246, and that, where required, he has filed with the Joint Reporting Committee, the Director of the Office of Federal Contract Compliance, a Federal Government contracting or administering agency, or the former President's Committee on Equal Employment Opportunity, all reports due under the applicable filing requirements.

Note: The above certification is required by the Equal Employment Opportunity Regulations of the Secretary of Labor (41 CFR 60-1.7(b) (1)), and must be submitted by bidders and proposed subcontractors only in connection with contracts and subcontracts, which are subject to the equal opportunity clause. Contracts and subcontracts which are exempt from the equal opportunity clause are set forth in 41 CFR 60-1.5. (Generally only contracts or subcontracts of \$10,000 or under are exempt.)

Currently, Standard Form 100 (EEO-1) is the only report required by the Executive Orders or their implementing regulations.

Proposed prime contractors and subcontractors who have participated in a previous contract or subcontract subject to the Executive Orders and have not filed the required reports should note that 41 CFR 60-1.7(b) (1) prevents the award of contracts and subcontracts unless such contractor submits a report covering the delinquent period or such other period specified by the Federal Highway Administration or by the Director, Office of Federal Contract Compliance, U.S. Department of Labor.

(Organization/Firm)

(Name & Title of Authorized Representative)

(Signature)

(Date)

DEBARMENT AND SUSPENSION CERTIFICATION

TITLE 49, CODE OF FEDERAL REGULATIONS, PART 29

The bidder, under penalty of perjury, certifies that, except as noted below, he/she or any other person associated therewith in the capacity of owner, partner, director, officer, and manager:

- Is not currently under suspension, debarment, voluntary exclusion, or determination of ineligibility by any federal agency;
- Has not been suspended, debarred, voluntarily excluded or determined ineligible by any federal agency within the past 3 years;
- Does not have a proposed debarment pending; and
- Has not been indicted, convicted, or had a civil judgment rendered against it by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past 3 years.

If there are any exceptions to this certification, insert the exceptions in the following space.

Exceptions will not necessarily result in denial of award, but will be considered in determining bidder responsibility. For any exception noted above, indicate below to whom it applies, initiating agency, and dates of action.

Notes: Providing false information may result in criminal prosecution or administrative sanctions.
The above certification is part of the Proposal. Signing this Proposal on the signature portion thereof shall also constitute signature of this Certification.

DISCLOSURE OF LOBBYING ACTIVITIES

COMPLETE THIS FORM TO DISCLOSE LOBBYING ACTIVITIES PURSUANT TO 31 U.S.C. 1352

1. Type of Federal Action: <input type="checkbox"/> a. contract <input type="checkbox"/> b. grant <input type="checkbox"/> c. cooperative agreement <input type="checkbox"/> d. loan <input type="checkbox"/> e. loan guarantee <input type="checkbox"/> f. loan insurance	2. Status of Federal Action: <input type="checkbox"/> a. bid/offer/application <input type="checkbox"/> b. initial award <input type="checkbox"/> c. post-award	3. Report Type: <input type="checkbox"/> a. initial <input type="checkbox"/> b. material change For Material Change Only: year _____ quarter _____ date of last report _____
---	---	---

4. Name and Address of Reporting Entity <input type="checkbox"/> Prime <input type="checkbox"/> Subawardee Tier _____, if known Congressional District , if known	5. If Reporting Entity in No. 4 is Subawardee, Enter Name and Address of Prime: Congressional District , if known
--	--

6. Federal Department/Agency: Federal Action Number , if known:	7. Federal Program Name/Description: CFDA Number , if applicable: _____ Award Amount , if known:
--	---

10. a. Name and Address of Lobby Entity (If individual, last name, first name, MI) (attach Continuation Sheet(s) if necessary)	b. Individuals Performing Services (including address if different from No. 10a) (last name, first name, MI) (attach Continuation Sheet(s) if necessary)
---	---

11. Amount of Payment (check all that apply) \$ _____ <input type="checkbox"/> actual <input type="checkbox"/> planned	13. Type of Payment (check all that apply) <div style="display: flex;"> <div style="margin-right: 10px;"> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> </div> <div> a. retainer b. one-time fee c. commission d. contingent fee e. deferred f. other, specify _____ </div> </div>
--	---

12. Form of Payment (check all that apply): <input type="checkbox"/> a. cash <input type="checkbox"/> b. in-kind; specify: nature _____ value _____	14. Brief Description of Services Performed or to be performed and Date(s) of Service, including officer(s), employee(s), or member(s) contacted, for Payment Indicated in Item 11: (attach Continuation Sheet(s) if necessary)
---	---

15. Continuation Sheet(s) attached: Yes <input type="checkbox"/> No <input type="checkbox"/>	Information requested through this form is authorized by Title 31 U.S.C. Section 1352. This disclosure of lobbying reliance was placed by the tier above when his transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to Congress semiannually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.
---	--

Federal Use Only:	Signature: _____ Print Name: _____ Title: _____ Telephone No.: _____ Date: _____
--------------------------	---

Authorized for Local Reproduction
Standard Form - LLL

**INSTRUCTIONS FOR COMPLETION OF SF-LLL,
DISCLOSURE OF LOBBYING ACTIVITIES**

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of covered Federal action or a material change to previous filing pursuant to title 31 U.S.C. section 1352. The filing of a form is required for such payment or agreement to make payment to lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress an officer or employee of Congress or an employee of a Member of Congress in connection with a covered Federal action. Attach a continuation sheet for additional information if the space on the form is inadequate. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence, the outcome of a covered Federal action.
2. Identify the status of the covered Federal action.
3. Identify the appropriate classification of this report. If this is a follow-up report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last, previously submitted report by this reporting entity for this covered Federal action.
4. Enter the full name, address, city, state and zip code of the reporting entity. Include Congressional District if known. Check the appropriate classification of the reporting entity that designates if it is or expects to be a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the first tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.
5. If the organization filing the report in Item 4 checks "Subawardee" then enter the full name, address, city, state and zip code of the prime Federal recipient. Include Congressional District, if known.
6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organization level below agency name, if known. For example, Department of Transportation, United States Coast Guard.
7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans and loan commitments.
8. Enter the most appropriate Federal identifying number available for the Federal action identification in item 1 (e.g., Request for Proposal (RFP) number, Invitation for Bid (IFB) number, grant announcement number, the contract grant, or loan award number, the application/proposal control number assigned by the Federal agency). Include prefixes, e.g., "RFP-DE-90-001."
9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitments for the prime entity identified in item 4 or 5.
10. (a) Enter the full name, address, city, state and zip code of the lobbying entity engaged by the reporting entity identified in item 4 to influenced the covered Federal action.
(b) Enter the full names of the individual(s) performing services and include full address if different from 10 (a). Enter Last Name, First Name and Middle Initial (MI).
11. Enter the amount of compensation paid or reasonably expected to be paid by the reporting entity (item 4) to the lobbying entity (item 10). Indicate whether the payment has been made (actual) or will be made (planned). Check all boxes that apply. If this is a material change report, enter the cumulative amount of payment made or planned to be made.
12. Check the appropriate box. Check all boxes that apply. If payment is made through an in-kind contribution, specify the nature and value of the in-kind payment.
13. Check the appropriate box. Check all boxes that apply. If other, specify nature.
14. Provide a specific and detailed description of the services that the lobbyist has performed or will be expected to perform and the date(s) of any services rendered. Include all preparatory and related activity not just time spent in actual contact with Federal officials. Identify the Federal officer(s) or employee(s) contacted or the officer(s) employee(s) or Member(s) of Congress that were contacted.
15. Check whether or not a continuation sheet(s) is attached.
16. The certifying official shall sign and date the form, print his/her name title and telephone number.

Public reporting burden for this collection of information is estimated to average 30 minutes per response, including time for reviewing instruction, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, D.C. 20503.

SF-LLL-Instructions Rev. 06-04-90(EN/EP)

**00451 FEDERAL AND STATE CONTRACT LANGUAGE INCLUSION - JANUARY 01, 2018 - EXHIBIT
'A'**

The Contractor shall be in strict conformance with the entire sections included in the CDBG Grant Manual available at <http://www.hcd.ca.gov/fa/cdbg/manual/> and the requirements included as follows:

FEDERAL REGULATIONS

1. Affirmative Action

The work to be performed under this contract is on a project assisted under a program providing direct federal financial assistance from the UNITED States Department of Housing and Urban Development (HUD) and subject to 24 CFR 85.36(e). County hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, disadvantaged, minority and women's business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, religious creed, sex, or national origin in consideration for an award. Minority- and women-owned and operated businesses are encouraged to apply.

2. Section 3

The work to be performed under this contract in on a project assisted under a program providing direct federal financial assistance from the HUD, Community Development Block Grant Program, and is subject to the requirements of Section 3 of the Housing and Urban Development Act of 1968, as amended, 12 USC 1701u. Section 3 requires that to the greatest extent feasible opportunities for training and employment be given to low and moderate income persons residing within the project area and that the contracts for work in connection with the project be awarded to eligible business concerns which are located in, or owned in substantial part by persons residing in the area of the project. Regulations for implementing the Section 3 clause are contained in 24 CFR 135, as amended, and as specified in the project specifications.

3. Federal Terms and Conditions

During the performance of the contract, the Contractor must agree to comply with all applicable Federal laws and regulations including but not limited to each of the following:

A. Equal Opportunity

During the performance of this Contract, the Contractor agrees as follows:

1. The Contractor will comply with Executive Order 11246 of September 24, 1965 entitled Equal Employment Opportunity as amended by Executive Order 11375 of October 1967 as supplemented in Department of Labor regulations (41 CFR Chapter 60).
2. The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The Contractor will take affirmative action to insure that applicants are employed and that employees are treated equally during employment, without regard to race, color, religion, sex, or national origin. Such action shall include, but not be limited to, the following: employment upgrading, demotion, transfer, recruitment, or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training including apprenticeship. The Contractor agrees to post in conspicuous places, available

- to employees and applicants for employment, notices to be provided by the County setting forth the provision of the nondiscrimination clause.
3. The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to their race, color, religion, sex, or national origin.
 4. The Contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the agency contracting officer, advising the labor union or workers' representative of the contractor's commitments under Section 202 of Executive Order No. 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
 5. The Contractor will furnish all information and reports required by Executive Order No. 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to this books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
 6. In the event of the Contractor's noncompliance with the nondiscrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order No. 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order No. 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
 7. The Contractor will include the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order N. 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as may be directed by the Secretary of Labor as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, that in the event the contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction, the contractor may request the United States or enter into such litigation to protect the interests of the United States.
 8. The contractor shall file, and shall cause each of his subcontractors to file, Compliance Reports with the contracting agency or the Secretary of Labor as may be directed. Compliance Reports shall be filed within such times and shall contain such information as to the practices, policies, programs, and employment policies, programs, and employment statistics of the contractor and each subcontractor, and shall be in such form, as the Secretary of Labor may prescribe.
 9. Bidders or prospective contractors or subcontractors may be required to state whether they have participated in any previous contract subject to the provisions of the Order, or any preceding similar Executive order, and in that event to submit, on behalf of themselves and their proposed subcontractors, Compliance reports prior to or as an initial part of their bid or negotiation of a contract.
 10. Whenever the Contractor or subcontractor has a collective bargaining agreement or other Contract or understanding with a labor union or an agency referring workers or providing or supervising apprenticeship or training for such workers, the compliance Report shall include such information as to such labor union's or agency's practices and policies affecting compliance as the Secretary of Labor may prescribe: Provided, that to the extent such information is within the

exclusive possession of a labor union or an agency referring workers or providing or supervising apprenticeship or training and such labor union or agency shall refuse to furnish such information to the Contractor, the Contractor shall so certify to the Secretary of Labor as part of its Compliance Report and shall set forth what efforts he/she has made to obtain such information.

11. The Secretary of Labor may direct that any bidder or prospective contractor or subcontractor shall submit, as part of his Compliance Report, a statement in writing, signed by an authorized officer or agent of behalf of any labor union or any agency referring workers or providing or supervising apprenticeship or other training, with which the bidder or prospective contractor deals, with supporting information, to the effect that the signer's practices and policies do not discriminate on the grounds of race, color, religion, sex or national origin, and that the signer either will affirmatively cooperate in the implementation of the policy and provision of this order or that it consents and agrees that recruitment, employment, and the terms and conditions of employment under the proposed contract shall be in accordance with the purposes and provisions of the order. In the event that the union, or the agency shall refuse to execute such a statement, the Compliance Report shall so certify and set fourth what efforts have been made to secure such a statement and such additional factual material as the Secretary of Labor may require.
12. The Contractor will cause the forgoing provision to be inserted in all subcontracts for work covered by this Agreement so that such provisions will be binding upon each subcontractor, provided that the forgoing provisions shall not apply to contracts or subcontracts for standard commercial supplies or raw materials.

B. Disadvantaged/Minority/Women Business Enterprise Federal Regulatory Requirements under 24 CFR 85.36(e)

1. The Contractor will take all necessary affirmative steps to assure that minority firms, women's business enterprises, and labor surplus area firms are used when possible.
2. Affirmative steps shall include:
 - a. Placing qualified small and minority businesses and women's business enterprises on solicitation lists;
 - b. Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources;
 - c. Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority business, and women's business enterprises;
 - d. Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority business, and women's business enterprises;
 - e. Using the Services and assistance of the Small Business Administration, and the Minority Business Development Agency of the Department of Commerce.

C. Copeland "Anti-Kickback" Act (18 U.S.C. 874)

Contractor shall comply with the Copeland "Anti-Kickback" Act (18 U.S.C. 874) as supplemented in Department of Labor regulations (29 CFR Part 3).

D. Compliance with Labor Standard Provisions

Contractor shall comply with all provisions contained in the form HUD-4010, Federal Labor Standards Provisions.

E. Compliance with Sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330)

Contractor will comply with Sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330) as supplemented by Department of Labor regulations (29 CFR Part 5) Requires the contracting officer to insert the clauses set forth in 29 CFR Part 5, construction contracts awarded by grantees and subgrantees in excess of \$2,000, and in excess of \$25,000 for other contracts which involve the employment of mechanics or laborers).

F. Requirements and Regulations pertaining to Data and Design

All data and design and engineering work created under this Agreement shall be owned by the County and shall not be subject to copyright protection. The rights to any invention which is developed in the course of this Agreement shall be the property of the County.

G. Requirements and Regulations pertaining to Reporting

The County, State CDBG, HUD and the Comptroller General of the United States of any of their duly authorized representatives shall be granted access to any books, documents, papers and recorders of Contractor which are directly pertinent the contract.

H. Compliance with Clean Air Act and Clean Water Act

1. Contractor Shall comply with all applicable standards, orders and requirements issued under Section 306 of the Clean Air Act (42 U.S.C. 1857 (h)).
2. Contractor shall comply with all applicable standards, orders and requirements issued under Section 508 of the Clean Air Act (33 U.S.C. 1368).
3. Contractor shall comply with Executive Order 11738 and Environmental Protection Agency regulations (40 CFR Part 15).\

I. Compliance with Energy Policy and Conservation Act (Pub. L. 94-163, 89 Stat. 871)

The Contractor shall comply with the mandatory standards and policies relating to energy efficiency with are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub. L. 94-163, 89 Stat. 871).

D/MBE/WBE Implementation Guidelines

The following information, as applicable, shall be retained by Contractor and produced upon request by General Services if determined by General Services to be necessary to establish the bidder's "good faith efforts" to meet the Disadvantaged/Minority/Women Business Enterprise (D/M/WBE) requirements:

1. The names and dates of advertisement of each newspaper, trade paper, and minority-focus paper in which a request for D/M/WBE participation for this project was placed by the bidder.
2. The names and dates of notices of all certified D/M/WBEs solicited by direct mail for this project and the dates and methods used for following up initial solicitations to determine with certainty whether the D/M/WBEs were interested.
3. The items of work for which the bidder request subbids or materials to be supplied by D/M/WBEs, the information furnished interested D/M/WBEs in the

way of plans, specifications and requirements for the work, and any breakdown of items of work into economically feasible units to facilitate D/M/WBE participation. Where there are D/M/WBEs available for doing portions of the work normally performed by the bidder with his own forces, the bidder will be expected to make portions of such work available for D/M/WBEs to bid on.

4. The names of D/M/WBEs who submitted bids for any of the work indicated in (3) above, which were not accepted, and summary of the bidder's discussions and/or negotiations with them, the name of the subcontractor or supplier that was selected for that portion of work, and the reasons for the bidder's choice. If the reason for rejecting the D/M/WBE bid was price, give the price bid by the rejected D/M/WBE and the price bid by the selected subcontractor or supplier.
5. Assistance that the bidder has extended to D/M/WBEs identified in (4) above to remedy the deficiency in their subbids.
6. To find a D/M/WBE certified firm, you may call (916) 455-3520, go online to: <http://www.dot.ca.gov/hq.bep>, or via email at: D/M/WBE Listing for County, CalTrans-Publications Distribution Unit, 1900 Royal Oaks, Sacramento, CA 95815-3800.

The Contractor shall review, execute, initial and submit the Exhibit 'A' – Federal and State Contract Language Inclusion dated January 1, 2018 as a part of the Bid. Exhibit 'A' is attached as follows:

00460 CERTIFICATION FOR CONTRACTS, GRANTS AND LOANS

The undersigned certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant or Federal loan, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant or loan.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant or loan, the undersigned shall complete and submit Standard Form – LLL, “Disclosure of Lobbying Activities,” in accordance with its instructions.
3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including contracts, subcontracts, and subgrants under grants and loans) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1354, Title 34, US Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

(Organization/Firm)

(Name & Title of Authorized Representative)

(Signature)

(Date)

**00470 CONTRACTOR'S CERTIFICATION REGARDING WORKER'S
COMPENSATION INSURANCE**

State of California

County of _____

I am aware of the requirements that every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that applicable codes, and I will comply with such provisions before commencing the performance of the work of this Contract.

(Organization/Firm)

(Name & Title of Authorized Representative)

(Signature)

(Date)

004800 TABULATION OF SUBCONTRACTORS

No.	Subcontractor	Work To Be Performed	Percent Of Total Contract
1.	Name:		
	Address:		
	CA License #:		
	DIR Registration #:		
2.	Name:		
	Address:		
	CA License #:		
	DIR Registration #:		
3.	Name:		
	Address:		
	CA License #:		
	DIR Registration #:		
4.	Name:		
	Address:		
	CA License #:		
	DIR Registration #:		
5.	Name:		
	Address:		
	CA License #:		
	DIR Registration #:		
6.	Name:		
	Address:		
	CA License #:		
	DIR Registration #:		
7.	Name:		
	Address:		
	CA License #:		
	DIR Registration #:		
8.	Name:		
	Address:		
	CA License #:		
	DIR Registration #:		

(ATTACH ADDITIONAL NUMBERED PAGES IF NEEDED)

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00490 BIDDER QUALIFICATIONS STATEMENT

The bidder shall submit, as part of its proposal, the following statements as to its experience qualifications. The bidder certifies that all statements and information set forth are true and accurate.

- a. The bidder has been engaged in the contracting business under its present business name for _____ years.
- b. Experience in work of nature similar in type and magnitude to that set forth in the specification extends over a period of _____ years.
- c. The bidder, as Contractor, has satisfactorily completed all contracts awarded to it, except as follows: (Name any and all exceptions and reasons therefore. Bidder should attach additional pages if necessary).
 1. _____
 2. _____
- d. The following contracts cover work similar in type and magnitude to that set forth in the specification have been satisfactorily completed within the last **five (5) years** for the following owners (person, firms or authorities):

No.	Owner	Telephone No.	Contract Amount	Type of Work	Year Complete
1.					
2.					
3.					
4.					
5.					
6.					
7.					

- e. The bidder shall provide an audited financial statement (no more than two years old) with accompanying notes. (An audited financial statement with accompanying notes of a parent company guarantor may be substituted. A financial statement that is not audited is not acceptable. A letter verifying availability of a line of credit is not a substitute for the required financial statement.)

☐

Yes

☐

No

- f. The bidder shall fill in the following blanks based on the bidder's attached financial statement.

Current Assets: \$ _____

Current Liabilities: \$ _____

Total Net Worth: \$ _____

Current Ratio (Assets/Liabilities): _____

Working Capital (Current Assets – Current Liabilities): \$ _____

00500 TABULATION OF MAJOR MATERIAL SUPPLIERS

The contractor shall indicate opposite each item of equipment or material listed below the name of the manufacturer and supplier of the equipment or material proposed to be furnished under the bid.

No.	Item	Manufacturer	Supplier
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			

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24.			
25.			
26.			

(ATTACH ADDITIONAL NUMBERED PAGES IF NEEDED)

00510 NOTICE OF AWARD

Dated: _____

Project: Poe Colonia Wastewater Treatment Plant Improvements	Owner: County of Imperial	Owner's Contract No.: ICCED-009
Contract:	Engineer's Project No.: 5426 POE	

Bidder:

Bidder's Address (send Certified Mail, Return Receipt Requested):

You are notified that your Bid dated _____ for the above Contract has been considered. You are the Successful Bidder and are awarded a Contract for the construction of the **Imperial County Community & Economic Development Department – Winterhaven Water and Sewer Improvements**.

The Contract Price of your Contract is _____ Dollars (\$_____).

You must comply with the following conditions within **fifteen (15) days** of the date you receive this Notice of Award.

1. Deliver to the Owner four (4) fully executed counterparts of the Contract Documents.
2. Deliver with the executed Contract Documents the Performance and Payment Bonds and Insurance Certificate as specified in the Instructions to Bidders (Article 20), and General Conditions (Paragraph 5.01)

Failure to comply with these conditions within the time specified will entitle the Owner to consider you in default, annul this Notice of Award and declare your Bid Security forfeited.

Within **ten (10) days** after you comply with the above conditions, the Owner will return to you one (1) fully executed counterpart of the Contract Documents.

You are required to return an acknowledged copy of this NOTICE OF AWARD to the OWNER.

County of Imperial
(Owner)

(Authorized Signature)

(Title)

ACCEPTANCE NOTICE

Receipt of above NOTICE OF AWARD is hereby acknowledged

By: _____,

this the _____ day of _____, 2017.

By: _____
(Authorized Signature)

(Title)

State of _____ }

County of _____ }

On _____, before me, _____,

Notary Public, personally appeared _____,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within
instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that
by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted,
executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true
and correct.

WITNESS my hand and official seal.

Signature of Notary Public

005210 AGREEMENT CONDITIONS AND COUNTY SAMPLE AGREEMENT

THIS AGREEMENT is by and between County of Imperial (“Owner”) and _____ (“Contractor”).

Owner and Contractor, in consideration of the mutual covenants hereinafter set forth, agree as follows:

TABLE OF ARTICLES	Page
Agreement	00521-1
Article 1-Work	00521-1
Article 2-The Project	00521-1
Article 3-Engineer	00521-1
Article 4-Contract Times	00521-2
Article 5-Contract Place	00521-2
Article 6-Payment Procedures	00521-2
Article 7-Interest	00521-4
Article 8-Contractor’s Representatives	00521-4
Article 9-Contract Documents	00521-4
Article 10-Miscellaneous	00521-5

ARTICLE 1 – WORK

- 1.01 The Contractor shall complete all Work as specified or indicated in the Contract Documents. The Work is generally described as follows:

Poe Colonia Wastewater Treatment Plant

ARTICLE 2 – THE PROJECT

- 2.01 The Project for which the Work under the Contract Documents may be the whole or only a part is generally described as follows:

Poe Colonia Wastewater Treatment Plant

ARTICLE 3 – ENGINEER

- 3.01 The Project has been designed by ***Imperial County Department of Public Works*** (Design Engineer. The Owner will have a Construction Manager for this project, who is to act as the Owner’s representative, assume all duties and responsibilities, and have the rights and authority assigned to the Engineer in the Contract Documents for the construction phase in connection with the completion of the Work, except for modifying the project design or plans and specifications. The Construction Manager shall act as the Engineer during the construction phase as specified elsewhere in the Contract Documents. The Design Engineer will only be involved for the design related clarifications and changes required as requested by the Owner.

ARTICLE 4 – CONTRACT TIMES

4.01 *Time is of the Essence*

- A. All time limits for Milestones, if any, Substantial Completion, and completion and readiness for final payment as stated in the Contract Documents are of the essence of the Contract.

4.02 *Beginning Work*

- A. The Contractor shall begin work within 10 working days after receiving a Notice to Proceed. This Notice to Proceed will be given after the contract has been approved by the Imperial County Board of supervisors

4.03 *Days to Achieve Final Completion*

- A. The Work will be completed within **Fifty-Five (55) working** days after the date when the Contract Time commences to run as provided in Paragraph 2.03 of the General Conditions.

4.04 *Liquidated Damages*

- A. The Contractor and the Owner recognize that time is of the essence for this Agreement and that the Owner will suffer financial loss if the Work is not completed within the times specified in Paragraph 4.02 above, plus any extensions thereof allowed in accordance with Article 12 of the General Conditions. The parties also recognize the delays, expense, and difficulties involved in proving in a legal or arbitration proceeding the actual loss suffered by the Owner if the Work is not completed on time. Accordingly, instead of requiring any such proof, the Owner and the Contractor agree that as liquidated damages for delay (but not as a penalty), the Contractor shall pay Owner **\$800.00** for each day that expires after the time specified in Paragraph 4.02 for completion and readiness for final payment until the Work is completed and ready for final payment.

ARTICLE 5 – CONTRACT PRICE

- 5.01 Owner shall pay Contractor for completion of the Work in accordance with the Contract Documents an amount in current funds equal to the sum of the amounts determined pursuant to Paragraphs 5.01.A and 5.01.B below:

- A. For all Unit Price Work, an amount equal to the sum of the established unit price for each separately identified item of Unit Price Work times the estimated quantity of that item as indicated in this paragraph 5.01.B:
- B. As provided in Paragraph 11.03 of the General Conditions, estimated quantities are not guaranteed, and determinations of actual quantities and classifications are to be made by Engineer as provided in Paragraph 9.07 of the General Conditions. Unit prices have been computed as provided in Paragraph 11.03 of the General Conditions.

ARTICLE 6 – PAYMENT PROCEDURES

6.01 *Submittal and Processing of Payments*

- A. The Contractor shall submit Applications for Payment in accordance with Article 14 of the General Conditions. Applications for Payment will be reviewed, approved and processed by the Construction Manager as provided in the General Conditions.

6.02 *Progress Payments; Retainage*

- A. The Owner shall make progress payments on account of the Contract Price on the basis of the Contractor's Applications for Payment on or about the 20th day of each month during performance of the Work as provided in Paragraphs 6.02.A.1 and 6.02.A.2 below. All such payments will be measured by the Schedule of Values established as provided in Paragraph 2.07.A of the General Conditions.
 1. Prior to Substantial Completion, Progress Payments will be made in an amount equal to the percentage indicated below but, in each case, less the aggregate of payments previously made and less such amounts as the Engineer may determine or the Owner may withhold, including but not limited to liquidated damages, in accordance with Paragraph 14.02 of the General Conditions:
 - a. **Ninety-five percent (95%)** of Work completed (with the balance being retainage); and
 - b. **Ninety-five percent (95%)** of cost of materials and equipment not incorporated in the Work (with the balance being retainage).
 2. Upon Substantial Completion, the Owner shall pay an amount sufficient to increase total payments to the Contractor to **ninety-five percent (95%)** of the Work completed, less such amounts as the Engineer shall determine in accordance with Paragraph 14.02.B.5 of the General Conditions.

6.03 *Final Payment*

- A. Upon receipt of the final Application for Payment accompanied by the Engineer's recommendation of payment in accordance with Paragraph 14.07 of the General Conditions, the Owner shall pay the Contractor as provided in Paragraph 14.07 of the General Conditions the remainder of the Contract Price as recommended by the Engineer as provided in said Paragraph 14.07, less any sum the Owner is entitled to set off against the Engineer's recommendation, including but not limited to liquidated damages.

6.04 *Substitution of Security*

Upon Contractor's request, COUNTY will make payment of funds withheld from progress payments to ensure performance under the contract pursuant to the requirements of California Public Contracts Code, section 22300, if the Contractor deposits in escrow with COUNTY, or with a bank acceptable to COUNTY, securities eligible for investment under Government Code section 16430 or bank savings and loan certifications of deposit, subject to the following conditions:

- A. Contractor shall bear the expense of COUNTY and the escrow agent, and COUNTY and the bank, in connection with the escrow deposit made.
- B. Securities or certificates of deposit to be placed in escrow shall be of a value at least equivalent to the amount of retention to be paid to the Contractor pursuant to this Article.
- C. Contractor shall enter into an escrow agreement satisfactory to COUNTY, which agreement shall include provisions governing, inter alias:
 1. the amount of securities to be deposited,
 2. the providing of powers of attorney or other documents necessary for the transfer of the securities to be deposited,
 3. conversion of cash to provide funds to meet defaults by Contractor including, but not limited to, termination of Contractor's control over the work, stop notice filed pursuant to law or other amounts to be kept or retained under the provisions of the contract,
 4. decrease in value of securities on deposit,
 5. the termination of the escrow upon completion of the contract.
- D. Contractor shall obtain the written consent of the surety to such agreement.

ARTICLE 7 – INTEREST

- 7.01 All moneys not paid when due as provided in Article 14 of the General Conditions shall bear interest at **eight percent (8%)** per annum.

ARTICLE 8 – CONTRACTOR’S REPRESENTATIONS

- 8.01 In order to induce the Owner to enter into this Agreement the Contractor makes the following representations:
- A. The Contractor has examined and carefully studied the Contract Documents and the other related data identified in the Bidding Documents.
 - B. The Contractor has visited the Site and become familiar with and is satisfied as to the General, Local, and Site Conditions that may affect cost, progress, and performance of the Work.
 - C. The Contractor is familiar with and is satisfied as to all Federal, State, and Local Laws and Regulations that may affect the cost, progress, and performance of the Work.
 - D. The Contractor has obtained and carefully studied (or assumes responsibility for doing so) all additional or supplementary examinations, investigations, explorations, tests, studies, and data concerning conditions (Surface, Subsurface, and Underground Facilities) at or contiguous to the Site which may affect the cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by the Contractor, including any specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents, and safety precautions and programs incident thereto.
 - E. The Contractor does not consider that any further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract Documents.
 - F. The Contractor is aware of the general nature of work to be performed by the Owner and others at the Site that relates to the Work as indicated in the Contract Documents.
 - G. The Contractor has correlated the information known to the Contractor, information and observations obtained from visits to the Site, reports and drawings identified in the Contract Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Contract Documents.
 - H. The Contractor has given the Owner written notice of all conflicts, errors, ambiguities, or discrepancies that the Contractor has discovered in the Contract Documents, and the written resolution thereof by the Owner is acceptable to the Contractor.
 - I. The Contract Documents are generally sufficient to indicate and convey a clear understanding of all terms and conditions for the performance and furnishing of the Work.

ARTICLE 9 – NOT USED

ARTICLE 10 – MISCELLANEOUS

10.01 *Terms*

- A. Terms used in this Agreement will have the meanings stated in the General Conditions and the Supplementary Conditions.

10.02 *Assignment of Contract*

- A. No assignment by a party hereto of any rights under or interests in the Contract will be binding on another party hereto without the written consent of the party sought to be bound; and, specifically but without limitation, moneys that may become due and moneys that are due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents.

10.03 *Successors and Assigns*

- A. The Owner and the Contractor each binds itself, its partners, successors, assigns, and legal representatives to the other party hereto, its partners, successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

10.04 *Severability*

- A. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon the Owner and the Contractor, who agree that the Contract Documents shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

10.05 *Prevailing Wage*

- A. Notice is hereby given that, pursuant to 1773 of the Labor Code of the State of California, the Owner has obtained from the Director of the Department of Industrial Relations the general prevailing rate of per diem wages and the general prevailing rate for holidays and overtime work for each craft, classification, or type of worker required to execute the Contract. A copy of said prevailing rate of per diem wages is on file in the principal office of the Owner, to which reference is hereby made for further particulars. Said prevailing rate of per diem wages will be made available to any interested party upon request, and a copy thereof shall be posted at each site.

15. SAMPLE AGREEMENT

AGREEMENT FOR CONSTRUCTION SERVICES

[Contractor]

THIS AGREEMENT FOR SERVICES (“Agreement”), made and entered into effective the _____ day of _____, 2015, by and between the County of Imperial, a political subdivision of the State of California, by and through its Community & Economic Development Department (“COUNTY”), and [Enter Contractor], a [Enter Business Entity] (“CONTRACTOR”) (individually, “Party;” collectively, “Parties”).

RECITALS

WHEREAS, COUNTY desires to retain a qualified individual, firm or business entity to provide professional services for construction services for the Palo Verde Water District South Tank Replacement Project (“Project”); and

WHEREAS, CONTRACTOR represents that it is qualified and experienced to perform the services; and

WHEREAS, COUNTY desires to engage CONTRACTOR to provide services by reason of its qualifications and experience for performing such services, and CONTRACTOR has offered to provide the required services for the Project on the terms and in the manner set forth herein.

NOW, THEREFORE, in consideration of their mutual covenants, COUNTY and CONTRACTOR have and hereby agree to the following:

1. DEFINITIONS.

1.1. “Invitation for Bids” shall mean that document that describes the Project and project requirements to prospective bidders entitled “Winterhaven Water / Sewer Improvements ...” dated _____, 2015. The Invitation for Bids, including Special Conditions, Addendum(s), Special Notice(s), and Plans and Specifications (as defined in paragraph 1.3), are attached hereto as **Exhibit “A”** and incorporated herein by this reference.

1.2. “Proposal” shall mean CONTRACTOR’s document entitled [Enter Proposal] dated [Enter Date] and submitted to Clerk of the Board on [Enter Date]. The Proposal is attached hereto as **Exhibit “B”** and incorporated herein by reference.

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1 **1.3.** “Plans and Specifications” shall mean the plans and specifications approved by the
2 Manager of ICCED, or his/her designee, for the Project. While COUNTY is responsible for the
3 completeness and accuracy of the Plans and Specifications for the Project, CONTRACTOR is required
4 to review the Plans and Specifications and promptly report any errors or omissions to COUNTY.

5 **2. CONTRACT COORDINATION.**

6 **2.1.** The Manager of ICCED or his/her designee shall be the representative of COUNTY for
7 all purposes under this Agreement. The Manager of ICCED or his/her designee is hereby designated
8 as the Contract Manager for COUNTY. He/she shall supervise the progress and execution of this
9 Agreement.

10 **2.2.** CONTRACTOR shall assign a single Contract Manager to have overall responsibility
11 for the progress and execution of this Agreement. Should circumstances or conditions subsequent to
12 the execution of this Agreement require a substitute Contract Manager for any reason, the Contract
13 Manager designee shall be subject to the prior written acceptance and approval of COUNTY’s
14 Contract Manager.

15 **3. SCOPE OF WORK.**

16 **3.1.** CONTRACTOR shall provide all materials and labor to perform this Agreement
17 consistent with the Invitation for Bid and the Proposal, as set forth in **Exhibits “A” and “B.”** In the
18 event of a conflict amongst this Agreement, the Invitation for Bid, and the Proposal, the Invitation for
19 Bid shall take precedence over the Proposal and this Agreement shall take precedence over both.

20 **3.2.** All described work shall be constructed, installed, placed, and performed in
21 conformance with the Plans and Specifications and all Special Provisions contained therein and as
22 directed by COUNTY’s engineer.

23 **4. WORK TO BE PERFORMED BY CONTRACTOR.**

24 **4.1.** CONTRACTOR shall comply with all terms, conditions, and requirements of the
25 Invitation for Bid, Plans and Specifications, Proposal, and this Agreement.

26 **4.2.** CONTRACTOR shall perform such other tasks as necessary and proper for the full
27 performance of the obligations assumed by CONTRACTOR hereunder.

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1 **4.3. CONTRACTOR shall:**

2 **(a)** Procure all permits and licenses, pay all charges and fees, and give all notices
3 that may be necessary and incidental to the due and lawful prosecution of the services to be performed
4 by CONTRACTOR under this agreement;

5 **(b)** Keep itself fully informed of all existing and proposed federal, state and local
6 laws, ordinances, regulations, orders and decrees which may affect those engaged or employed under
7 this Agreement;

8 **(c)** At all times observe and comply with, and cause all of its employees to observe
9 and comply with all of said laws, ordinances, regulations, orders and decrees mentioned above; and

10 **(d)** Immediately report to COUNTY's Contract Manager in writing any discrepancy
11 or inconsistency it discovers in said laws, ordinances, regulations, orders and decrees mentioned above
12 in relation to any plans, drawings, specifications or provisions of this Agreement.

13 **5. CHANGE ORDERS.**

14 **5.1. Change Orders.** CONTRACTOR shall make no changes to the work to be performed
15 pursuant to this Agreement, including but not limited to additions, deletions, modifications or
16 substitutions, nor shall CONTRACTOR perform any extra work (collectively, "Change Order Work")
17 without the prior written consent of COUNTY. If CONTRACTOR encounters conditions it considers
18 different from those described in **Exhibit "A"** to this Agreement, CONTRACTOR may request a
19 change order in conformance with COUNTY's standard procedure ("Change Order"). If COUNTY
20 approves the request, CONTRACTOR will execute a Change Order and CONTRACTOR's execution
21 of the Change Order shall confirm approval thereof. COUNTY may order additional work, and
22 CONTRACTOR shall perform such changes in the work as directed by COUNTY in any Change
23 Order prepared by CONTRACTOR. COUNTY's rights to eliminate portions of the work or initiate a
24 Change Order shall not be limited in any way. The Change Order shall be in writing and shall include:

25 **(a)** Any and all supporting documents and drawings depicting the source and
26 location of the desired change, and explain in detail the field conditions and reasons for the requested
27 change;

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1 (b) Any change or adjustment to the compensation set forth in this Agreement as a
2 result of changes in the work based on a lump sum or time and material basis, as may be directed by
3 COUNTY; and

4 (c) Any request for adjustments to time for completion of the Project.

5 **5.2. Payment for Change Order Work.** CONTRACTOR shall not be entitled to receive any
6 compensation for work, labor, materials, or changes of any kind, regardless of whether ordered by
7 COUNTY or any of its representatives, unless a Change Order has been submitted in writing and
8 approved prior to the commencement of any Change Order Work as described above. If the changes
9 are required by any inspecting governmental agencies or utility companies, or are otherwise required
10 to comply with any codes, laws, rules or regulations, including those set forth in this Agreement, then
11 CONTRACTOR shall not be entitled to any increases in the compensation set forth in this Agreement
12 or other compensation as a result of the changes.

13 **5.3. Disputed Change Order Work.** Any dispute concerning the performance of such
14 Change
15 Order Work or the amount of compensation to be paid to CONTRACTOR by COUNTY shall not
16 affect CONTRACTOR's obligation to perform such Change Order Work. CONTRACTOR agrees
17 that it shall timely complete all Change Order Work even if there shall be a dispute between
18 CONTRACTOR and COUNTY over the amount or scope of the Change Order Work.
19 CONTRACTOR shall have the right to be compensated for any undisputed Change Order Work
20 amounts as determined to be undisputed in COUNTY's sole discretion.

21 **5.4. Authorized Representative.** No Change Order shall be valid or binding against
22 COUNTY unless such Change Order has been executed by COUNTY's designated representative,
23 who is the Imperial County Community & Economic Development Manager. COUNTY shall notify
24 CONTRACTOR in writing if the designated representative is changed.

25 **5.5. Limits.** When applicable, the authority to execute a Change Order on this project shall
26 not exceed the amount allowed by law pursuant to Public Contract Code sections 20137-20142 et seq.,
27 except as follows:

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1 (a) Where Change Orders are in an amount between ten percent (10%) and twenty-
2 five percent (25%) of the amount set forth in this Agreement and based on a need for additional
3 quantities due to an increase in the unit quantities required to complete the project in excess of the
4 COUNTY's Engineer's estimate of unit quantities as set forth in the Invitation to Bid, CONTRACTOR
5 shall be paid pursuant to Public Contract Code sections 20143 and 20139 referred to in **Exhibit "A"**
6 and incorporated herein by reference.

7 **6. REPRESENTATIONS BY CONTRACTOR.**

8 **6.1.** CONTRACTOR understands and agrees that COUNTY has limited knowledge in the
9 multiple areas specified in the Proposal. CONTRACTOR has represented itself to be an expert in
10 these fields and understands that COUNTY is relying upon such representation.

11 **6.2.** CONTRACTOR represents and warrants that it is a lawful entity possessing all required
12 licenses and authorities to do business in the State of California and perform all aspects of this
13 Agreement.

14 **6.3.** CONTRACTOR shall not commence any work under this Agreement or provide any
15 other services, or materials, in connection therewith until CONTRACTOR has received written
16 authorization from the Manager of Imperial County Community & Economic Development, or his/her
17 designee ("Notice to Proceed") to do so.

18 **6.4.** CONTRACTOR represents and warrants that the people executing this Agreement on
19 behalf of CONTRACTOR have the authority of CONTRACTOR to sign this Agreement and bind
20 CONTRACTOR to the performance of all duties and obligations assumed by CONTRACTOR herein.

21 **6.5.** CONTRACTOR represents and warrants that any employee, contractor and/or agent
22 who will be performing any of the duties and obligations of CONTRACTOR herein possess all
23 required licenses and authorities, as well as the experience and training, to perform such tasks.

24 **6.6.** CONTRACTOR represents and warrants that the allegations contained in the Proposal
25 are true and correct.

26 **6.7.** CONTRACTOR understands that COUNTY considers the representations made herein
27 to be material and would not enter into this Agreement with CONTRACTOR if such representations
28 were not made.

1 **6.8. Retention and Access of Books and Records.** CONTRACTOR represents and warrants
2 that it shall maintain books, records, documents, reports and other materials developed under this
3 Agreement as follows:

4 **(a)** CONTRACTOR shall maintain all ledgers, books of accounts, invoices,
5 vouchers, canceled checks, and other records relating to CONTRACTOR's charges for services or
6 expenditures and disbursements charged to COUNTY for a minimum period of three (3) years, or for
7 any longer period required by law, from the date of final payment to CONTRACTOR pursuant to this
8 Agreement.

9 **(b)** CONTRACTOR shall hold and possess as the property of COUNTY all papers,
10 books, files, correspondence and other records of all kinds which at any time shall come into its
11 possession or under its control relating only to services performed by CONTRACTOR under this
12 Agreement for a minimum period of five (5) years, or for any longer period required by law, from the
13 date said papers came into the possession of CONTRACTOR pursuant to this Agreement.

14 **(c)** Any records or documents required to be maintained by CONTRACTOR
15 pursuant to this Agreement shall be made available to COUNTY for inspection or audit at any time
16 during CONTRACTOR's regular business hours provided that COUNTY provides CONTRACTOR
17 with seven (7) days advanced written or e-mail notice. Copies of such documents shall, at no cost to
18 COUNTY, be provided to COUNTY for inspection at CONTRACTOR's address indicated for receipt
19 of notices under this Agreement.

20 **(d)** CONTRACTOR shall surrender all papers maintained by CONTRACTOR
21 pursuant to Paragraph 6.8. of this Agreement within thirty (30) days of termination of this Agreement.

22 **(e)** CONTRACTOR represents and warrants that it has not been engaged by, nor
23 will it be engaged by and owes no duty of performance to any other person or entity that would
24 constitute a conflict. For breach or violation of this warranty, COUNTY shall amongst other remedies
25 at law, have the right to terminate this Agreement without liability, or at its sole discretion, to deduct
26 from the Agreement price or consideration, or otherwise recover the full amount of such fee,
27 commission, percentage brokerage fee, gift or contingent fee paid or received from another entity or
28 person.

1 **6.9.** CONTRACTOR represents and warrants that it and its subcontractors are not ineligible
2 to work for COUNTY due to violations of Labor Code §§1777.1 and 1777.7.

3 **6.10.** CONTRACTOR shall perform pursuant to this Agreement in accordance with and in
4 full compliance with all applicable Federal, State and local statutes, rules, regulations, policies, and
5 procedures, regardless of whether they are expressly set forth in this Agreement.

6 **(a)** Applicable Federal, State, and local statutes, rules, regulations, policies, and
7 procedures include, but are not limited to, those found in this Agreement, as well as those incorporated
8 by reference through **Exhibit “A.”**

9 **(b)** It is understood that in the event COUNTY is investigated or audited by any
10 State or Federal governmental agency, or any other recognized investigative/auditing entity,
11 CONTRACTOR shall fully cooperate with such agencies’ reasonable and lawful request for
12 information.

13 **6.11.** CONTRACTOR is familiar with the State and Federal requirements that may be
14 applicable to CONTRACTOR pursuant to the State of California’s CDBG agreements between the
15 COUNTY through the Imperial County Community & Economic Development Department and the
16 State of California that are incorporated into this Agreement including but limited to the Davis-Bacon
17 Act (40 U.S.C 3141-3148; 24 CFR Part 85.36), the Anti-Kickback Act of 1986 (41 U.S.C 51-58),
18 Contract Work Hours and Safety Standards Act-CWHSSA (40 U.S.C 3702)(the “Acts”).

19 **6.12.** CONTRACTOR understands and agrees not to discuss this Agreement or work
20 performed pursuant to this Agreement with anyone not a party to this Agreement without the prior
21 permission of COUNTY. CONTRACTOR further agrees to immediately advise COUNTY of any
22 contacts or inquiries made by anyone not a party to this Agreement with respect to work performed
23 pursuant to this Agreement.

24 **6.13.** Prior to accepting any work under this Agreement, CONTRACTOR shall perform a due
25 diligence review of its files and advise COUNTY of any conflict or potential conflict CONTRACTOR
26 may have with respect to the work requested.

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1 **6.14.** CONTRACTOR understands and agrees that in the course of performance of this
2 Agreement CONTRACTOR may be provided with information or data considered by the owner or the
3 COUNTY to be confidential. COUNTY shall clearly identify such information and/or data as
4 confidential. CONTRACTOR shall take all necessary steps necessary to maintain such confidentiality
5 including but not limited to restricting the dissemination of all material received to those required to
6 have such data in order for CONTRACTOR to perform under this Agreement.

7 **6.15.** CONTRACTOR represents that the personnel dedicated to this project as identified in
8 CONTRACTOR's Proposal, will be the people to perform the tasks identified therein.
9 CONTRACTOR will not substitute other personnel or engage any contractors to work on any tasks
10 identified herein without prior written notice to COUNTY.

11 **7. TERM OF AGREEMENT.**

12 This Agreement shall commence on the date first written above and shall remain in effect until
13 [Enter date], unless otherwise terminated as provided for in this Agreement.

14 **8. COMPENSATION.**

15 **8.1.** The total compensation payable under this Agreement shall not exceed [Enter
16 Amount], unless otherwise previously agreed to in writing by COUNTY.

17 **8.2.** The fee for any additional services required by COUNTY will be computed either on a
18 negotiated lump sum basis or upon actual hours and expenses incurred by CONTRACTOR and based
19 on CONTRACTOR's current standard rates as set forth in the Proposal. Additional services or costs
20 will not be paid without a prior written agreement between the Parties.

21 **8.3.** Except as provided under paragraph 8.1 and 8.2, COUNTY shall not be responsible to
22 pay CONTRACTOR any compensation, out of pocket expenses, fees, reimbursement of expenses or
23 other remuneration.

24 **9. PAYMENT.**

25 **9.1.** CONTRACTOR shall bill COUNTY on a time and material basis as set forth in
26 **Exhibit "A."** COUNTY shall pay CONTRACTOR for completed and approved services upon
27 presentation of its itemized billing.

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1 **9.2.** COUNTY shall have the right to retain five percent (5%) of the total of amount of each
2 invoice, not to exceed five percent (5%) of the total compensation amount of the completed project.
3 “Completion of the Project” is when the work to be performed has been completed in accordance with
4 this Agreement, as determined by COUNTY, and all subcontractors, if any, have been paid in full by
5 CONTRACTOR. Upon completion of the Project CONTRACTOR shall bill COUNTY the retention
6 for payment by COUNTY.

7 **10. METHOD OF PAYMENT.**

8 **10.1.** CONTRACTOR shall at any time prior to the fifteenth (15th) day of any month, submit
9 to COUNTY a written claim for compensation for services performed. The claim shall be in a format
10 approved by COUNTY. No payment shall be made by COUNTY prior to the claims being approved
11 in writing by COUNTY’s Contract Manager or his/her designee. CONTRACTOR may expect to
12 receive payment within a reasonable time thereafter and in any event in the normal course of business
13 within thirty (30) days after the claim is submitted.

14 **10.2.** After determining that the claim is a proper payment request, the Manager of Imperial
15 County Community & Economic Development, or his/her designee, shall submit to COUNTY’s
16 Auditor/Controller undisputed and properly submitted claims approved for payment within ten (10)
17 days following the date the claim was submitted to his/her Department.

18 **10.3.** CONTRACTOR may expect to receive payment within a reasonable time thereafter and
19 in any event in the normal course of business within thirty (30) days after the undisputed and properly
20 submitted claim is submitted.

21 **10.4.** Any claim determined to be an improper payment request shall be returned to
22 CONTRACTOR as soon as practicable, but not later than seven (7) days, after receipt with a written
23 explanation as to why the claim is an improper request for payment.

24 **10.5.** In order for prompt payment to be made by COUNTY pursuant to Public Contract Code
25 §20104.50, CONTRACTOR must properly fill out all written claims for compensation for services
26 performed.

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1 **10.6.** COUNTY shall pay interest at the legal rate set forth in Code of Civil Procedure
2 §685.010 in the event payment is not made within thirty (30) days of an undisputed properly submitted
3 request.

4 **11. TIME FOR COMPLETION OF THE WORK.**

5 **11.1.** The Parties agree that time is of the essence in the performance of this Agreement.
6 Program scheduling shall be as described in **Exhibit A and B**, unless revisions are approved by both
7 COUNTY's Contract Manager and CONTRACTOR's Contract Manager. The Project will be
8 completed and ready for final payment within **ninety (90) calendar days** after the commencement of
9 this Agreement. Time extensions may be allowed for delays caused by COUNTY, other governmental
10 agencies or factors not directly brought about by the negligence or lack of due care on the part of
11 CONTRACTOR.

12 **11.2. Liquidated Damages.** COUNTY and CONTRACTOR agree that as liquidated damages
13 for delay (but not as a penalty), the CONTRACTOR shall pay COUNTY **Two Thousand Dollars**
14 **(\$2,000.00)** for each day that expires past the time specific in paragraph 7 and according to the
15 timeline provided in the Exhibits. CONTRACTOR shall pay the liquidated damages amount until the
16 Work is completed and ready for final payment.

17 **12. SUSPENSION OF AGREEMENT.**

18 COUNTY's Contract Manager shall have the authority to suspend this Agreement, in whole or
19 in part, for such period as deemed necessary due to unfavorable conditions or to the failure on the part
20 of CONTRACTOR to perform any provision of this Agreement. CONTRACTOR will be paid the
21 compensation due and payable to the date of suspension.

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1 **13. TERMINATION.**

2 COUNTY retains the right to terminate this Agreement for any reason by notifying
3 CONTRACTOR in writing twenty (20) days prior to termination and by paying the compensation due
4 and payable to the date of termination; provided, however, if this Agreement is terminated for fault of
5 CONTRACTOR, COUNTY shall be obligated to compensate CONTRACTOR only for that portion of
6 CONTRACTOR's services which are of benefit to COUNTY. Said compensation is to be arrived at
7 by mutual agreement between COUNTY and CONTRACTOR; should the parties fail to agree on said
8 compensation, an independent arbitrator shall be appointed and the decision of the arbitrator shall be
9 binding upon the parties.

10 **14. INSPECTION.**

11 CONTRACTOR shall furnish COUNTY with every reasonable opportunity for COUNTY to
12 ascertain that the services of CONTRACTOR are being performed in accordance with the
13 requirements and intentions of this Agreement. All work done and materials furnished, if any, shall be
14 subject to COUNTY's Contract Manager's inspection and approval. The inspection of such work shall
15 not relieve CONTRACTOR of any of its obligations to fulfill its Agreement as prescribed.

16 **15. OWNERSHIP OF MATERIALS.**

17 All original drawings, videotapes, studies, sketches, computations, reports, information, data
18 and other materials given to or prepared or assembled by or in the possession of CONTRACTOR
19 pursuant to this Agreement shall become the permanent property of COUNTY and shall be delivered
20 to COUNTY upon demand, whether or not completed, and shall not be made available to any
21 individual or organization without the prior written approval of COUNTY.

22 **16. INTEREST OF CONTRACTOR.**

23 **16.1.** CONTRACTOR covenants that it presently has no interest, and shall not acquire any
24 interest, direct or indirect, financial or otherwise, which would conflict in any manner or degree with
25 the performance of the services hereunder.

26 **16.2.** CONTRACTOR covenants that, in the performance of this Agreement, no sub-
27 contractor or person having such an interest shall be employed.

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1 **16.3.** CONTRACTOR certifies that no one who has or will have any financial interest under
2 this Agreement is an officer or employee of COUNTY.

3 **17. INDEMNIFICATION.**

4 **17.1.** CONTRACTOR agrees to the fullest extent permitted by law to indemnify, defend,
5 protect and hold COUNTY and its representatives, officers, directors, designees, employees,
6 successors and assigns harmless from any and all claims, expenses, liabilities, losses, causes of actions,
7 demands, losses, penalties, attorneys' fees and costs, in law or equity, of every kind and nature
8 whatsoever arising out of or in connection with CONTRACTOR's negligent acts and omissions or
9 willful misconduct under this Agreement ("Claims"), whether or not arising from the passive
10 negligence of COUNTY, but does not include Claims that are the result of the negligence or willful
11 misconduct of COUNTY.

12 **17.2.** CONTRACTOR agrees to defend with counsel acceptable to COUNTY, indemnify and
13 hold COUNTY harmless from all Claims, including but not limited to:

14 **(a)** Personal injury, including but not limited to bodily injury, emotional injury,
15 sickness or disease or death to persons including but not limited to COUNTY's representatives,
16 officers, directors, designees, employees, agents, successors and assigns, subcontractors and other third
17 parties and/or damage to property of anyone (including loss of use thereof) arising out of
18 CONTRACTOR's negligent performance of, or willful misconduct surrounding, any of the terms
19 contained in this Agreement, or anyone directly or indirectly employed by CONTRACTOR or anyone
20 for whose acts CONTRACTOR may be liable;

21 **(b)** Liability arising from injuries to CONTRACTOR and/or any of
22 CONTRACTOR's employees or agents arising out of CONTRACTOR's negligent performance of, or
23 willful misconduct surrounding, any of the terms contained in this Agreement, or anyone directly or
24 indirectly employed by CONTRACTOR or anyone for whose acts CONTRACTOR may be liable;

25 **(c)** Penalties imposed upon account of the violation of any law, order, citation, rule,
26 regulation, standard, ordinance or statute caused by the negligent action or inaction, or willful
27 misconduct of CONTRACTOR or anyone directly or indirectly employed by CONTRACTOR or
28 anyone for whose acts CONTRACTOR may be liable;

1 (d) Infringement of any patent rights which may be brought against COUNTY
2 arising out of CONTRACTOR's work;

3 (e) Any violation or infraction by CONTRACTOR of any law, order, citation, rule,
4 regulation, standard, ordinance or statute in any way relating to the occupational health or safety of
5 employees; and

6 (f) Any breach by CONTRACTOR of the terms, requirements or covenants of this
7 Agreement.

8 **17.3.** These indemnification provisions shall extend to Claims occurring after this Agreement
9 is terminated, as well as while it is in force.

10 **18. INDEPENDENT CONTRACTOR.**

11 In all situations and circumstances arising out of the terms and conditions of this Agreement,
12 CONTRACTOR is an independent contractor, and as an independent contractor, the following shall
13 apply:

14 **18.1.** CONTRACTOR is not an employee or agent of COUNTY and is only responsible for
15 the requirements and results specified by this Agreement or any other agreement.

16 **18.2.** CONTRACTOR shall be responsible to COUNTY only for the requirements and results
17 specified by this Agreement and except as specifically provided in this Agreement, shall not be subject
18 to COUNTY's control with respect to the physical actions or activities of CONTRACTOR in
19 fulfillment of the requirements of this Agreement.

20 **18.3.** CONTRACTOR is not, and shall not be, entitled to receive from, or through,
21 COUNTY, and COUNTY shall not provide, or be obligated to provide, CONTRACTOR with
22 Workers' Compensation coverage or any other type of employment or worker insurance or benefit
23 coverage required or provided by any Federal, State or local law or regulation for, or normally afforded
24 to, an employee of COUNTY.

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1 **18.4.** CONTRACTOR shall not be entitled to have COUNTY withhold or pay, and
2 COUNTY shall not withhold or pay, on behalf of CONTRACTOR, any tax or money relating to the
3 Social Security Old Age Pension Program, Social Security Disability Program, or any other type of
4 pension, annuity, or disability program required or provided by any Federal, State or local law or
5 regulation.

6 **18.5.** CONTRACTOR shall not be entitled to participate in, nor receive any benefit from, or
7 make any claim against any COUNTY fringe program, including, but not limited to, COUNTY's
8 pension plan, medical and health care plan, dental plan, life insurance plan, or any other type of benefit
9 program, plan, or coverage designated for, provided to, or offered to COUNTY's employees.

10 **18.6.** COUNTY shall not withhold or pay, on behalf of CONTRACTOR, any Federal, State,
11 or local tax, including, but not limited to, any personal income tax, owed by CONTRACTOR.

12 **18.7.** CONTRACTOR is, and at all times during the term of this Agreement, shall represent
13 and conduct itself as an independent contractor, not as an employee of COUNTY.

14 **18.8.** CONTRACTOR shall not have the authority, express or implied, to act on behalf of,
15 bind or obligate COUNTY in any way without the written consent of COUNTY.

16 **19. INSURANCE.**

17 **19.1.** CONTRACTOR agrees at its own cost and expense to procure and maintain during the
18 entire term of this Agreement, and any extended term, commercial general liability insurance (bodily
19 injury and property damage), employer's liability insurance, commercial automobile liability insurance
20 (bodily injury and property damage) and professional liability insurance in a sum acceptable to
21 COUNTY and adequate to cover potential liabilities arising in connection with the performance of this
22 Agreement and in any event not less than the minimum limit set forth as follows:

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<u>Insurance</u>	<u>Minimum Limit</u>
Errors & Omissions Coverage (professional liability – malpractice)	[Enter Amount] Per person, per occurrence.
Workers’ Compensation, Coverage A	Statutory
Employer’s Liability, Coverage B	[Enter Amount]
Commercial General Liability (Including Contractual Liability)	[Enter Amount] combined single limit to any one person (“CSL”) and [Enter Amount] aggregate for any one accident, including personal injury, death and property damage.
Bodily Injury	
Property Damage	
Products – Completed Operations Aggregate	[Enter Amount]
Personal & Advertising Injury	[Enter Amount]
Excess or Umbrella Liability	[Enter Amount] per occurrence and [Enter Amount] general aggregate.
Commercial Automobile Liability (owned, hired & non-owned vehicles)	[Enter Amount] combined single limit (“CSL”) [Enter Amount] combined single limit (“CSL”)

19.2. Special Insurance Requirements. All insurance required shall:

- (a) Be procured from California admitted insurers (licensed to do business in California) with a current rating by Best’s Key Rating Guide, acceptable to COUNTY. A rating of at least A-VII shall be acceptable to COUNTY; lesser ratings must be approved in writing by COUNTY.
- (b) Be primary coverage as respects COUNTY and any insurance or self-insurance maintained by COUNTY shall be in excess of CONTRACTOR’s insurance coverage and shall not contribute to it.

1 (c) Name The Imperial County Community and Economic Development
2 Department and the County of Imperial and their officers, employees, and volunteers as additional
3 insured on all policies, except Workers' Compensation insurance and Errors & Omissions insurance,
4 and provide that COUNTY may recover for any loss suffered by COUNTY due to CONTRACTOR's
5 negligence.

6 (d) State that it is primary insurance and regards COUNTY as an additional insured
7 and contains a cross-liability or severability of interest clause.

8 (e) Not be canceled, non-renewed or reduced in scope of coverage until after thirty
9 (30) days written notice has been given to COUNTY. CONTRACTOR may not terminate such
10 coverage until it provides COUNTY with proof that equal or better insurance has been secured and is
11 in place. Cancellation or change without prior written consent of COUNTY shall, at the option of
12 COUNTY, be grounds for termination of this Agreement.

13 (f) If this Agreement remains in effect more than one (1) year from the date of its
14 original execution, COUNTY may, at its sole discretion, require an increase to liability insurance to the
15 level then customary in similar COUNTY Agreements by giving sixty (60) days notice to
16 CONTRACTOR.

17 **19.3. Additional Insurance Requirements.**

18 (a) COUNTY is to be notified immediately of all insurance claims. COUNTY is
19 also to be notified if any aggregate insurance limit is exceeded.

20 (b) The comprehensive or commercial general liability shall contain a provision of
21 endorsements stating that such insurance:

22 (i) Includes contractual liability;

23 (ii) Does not contain any exclusions as to loss or damage to property caused
24 by explosion or resulting from collapse of buildings or structures or damage to property underground,
25 commonly referred to by insurers as the "XCU Hazards;"

26 (iii) Does not contain a "pro rata" provision which looks to limit the insurer's
27 liability to the total proportion that its policy limits bear to the total coverage available to the insured;
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1 (iv) Does not contain an “excess only” clause which require the exhaustion
2 of other insurance prior to providing coverage;

3 (v) Does not contain an “escape clause” which extinguishes the insurer’s
4 liability if the loss is covered by other insurance;

5 (vi) Includes COUNTY and COUNTY’s Engineer as an additional insured.

6 (vii) States that it is primary insurance and regards COUNTY as an additional
7 insured and contains a cross-liability or severability of interest clause.

8 **19.4. Deposit of Insurance Policy.** Promptly on issuance, reissuance, or renewal of any
9 insurance policy required by this Agreement, CONTRACTOR shall, if requested by COUNTY,
10 provide COUNTY satisfactory evidence that insurance policy premiums have been paid together with
11 a duplicate copy of the policy or a certificate evidencing the policy and executed by the insurance
12 company issuing the policy or its authorized agent.

13 **19.5. Certificates of Insurance.**

14 CONTRACTOR agrees to provide COUNTY with the following insurance documents on or
15 before the effective date of this Agreement:

16 (a) Complete copies of certificates of insurance for all required coverages including
17 additional insured endorsements shall be attached hereto as **Exhibit “C”** and incorporated herein.

18 (b) The documents enumerated in this Paragraph shall be sent to the following:

19
20 County of Imperial
21 Risk Management Department
22 940 Main Street, Suite 101
23 El Centro, CA 92243

24 County of Imperial
25 Community & Economic Development Department
26 940 Main Street, Suite 203
27 El Centro, CA 92243

28 **19.6. Additional Insurance.** Nothing in this, or any other provision of this Agreement, shall
be construed to preclude CONTRACTOR from obtaining and maintaining any additional insurance
policies in addition to those required pursuant to this Agreement.

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1 **20. PREVAILING WAGE.**

2 **20.1.** CONTRACTOR and its subcontractors shall pay all workers employed on the Project
3 the higher of either the rates determined by the Director of the California Department of Industrial
4 Relations (“DIR”) or, when applicable, the Davis-Bacon Federal wage rates as supplemented by the
5 Department of Labor regulations. The Davis-Bacon Federal wage rates are attached to the RFP.
6 Copies of the State prevailing rate of per diem wages are on file with the Department of Industrial
7 Relations, Division of Apprenticeship Standards, 445 Golden Gate Avenue, San Francisco, California,
8 and at COUNTY’s Department of Public Works, and are available to CONTRACTOR and any other
9 interested party upon request. CONTRACTOR shall post the prevailing rate of per diem wages to be
10 posted at the Project site

11 **20.2.** CONTRACTOR acknowledges that any work that qualifies as a “public work” within
12 the meaning of California Labor Code section 1720 shall cause CONTRACTOR, and its sub-
13 contractors, to comply with the provisions of California Labor Code sections 1775 et seq.

14 **20.3.** When applicable, copies of the prevailing rate of per diem wages shall be on file at
15 COUNTY’s Imperial County Community & Economic Development Department and available to
16 CONTRACTOR and any other interested party upon request. CONTRACTOR shall post copies of the
17 prevailing wage rate of per diem wages at the Project site.

18 **20.4.** CONTRACTOR hereby acknowledges and stipulates to the following:

19 (a) CONTRACTOR has reviewed and agrees to comply with the provisions of
20 Labor Code section 1776 regarding retention and inspection of payroll records and noncompliance
21 penalties; and

22 (b) CONTRACTOR has reviewed and agrees to comply with the provisions of
23 Labor Code section 1777.5 regarding employment of registered apprentices; and

24 (c) CONTRACTOR has reviewed and agrees to comply with the provisions of
25 Labor Code section 1810 regarding the legal day’s work; and

26 (d) CONTRACTOR has reviewed and agrees to comply with the provisions of
27 Labor Code section 1813 regarding forfeiture for violations of the maximum hours per day and per
28 week provisions contained in the same chapter.

1 (e) CONTRACTOR has reviewed and agrees to comply with any applicable
2 provisions for those Projects subject to Department of Industrial Relations (DIR) Monitoring and
3 Enforcement of prevailing wages, including Labor Code Section 1773.3 regarding notification to DIR
4 of contract award. COUNTY hereby notifies CONTRACTOR that CONTRACTOR is responsible for
5 submitting certified payroll records directly to the State Compliance Monitoring Unit (CMU) The
6 Compliance Monitoring Unit or "CMU" is a new component within the State Division of Labor
7 Standards Enforcement (DLSE) that was created to monitor and enforce prevailing wage requirements
8 on public works projects that receive state bond funding and on other projects that are legally required
9 to use the CMU. The CMU began operations on January 1, 2012, following the recent adoption of AB
10 436 and approval of revisions to program regulations. By actively monitoring compliance on an
11 ongoing basis while work is being performed, the CMU will play a special role in ensuring that public
12 works construction workers are promptly paid the proper prevailing wage rates and in helping maintain
13 a level playing field for employers who comply with the law. Only projects for which the public works
14 contract is awarded on or after January 1, 2012 are subject to the CMU requirements. For further
15 information concerning compliance monitoring please visit the website located at:
16 <http://www.dir.ca.gov/dlse/cmu/cmu.html>.

17 **20.5. Mandatory Registration with the Department of Industrial Relations – NEW**
18 **REQUIREMENTS PURSUANT TO SB 854.**

19 (a) CONTRACTOR and its subcontractors shall register with the DIR and pay
20 all applicable fees as set forth in Labor Code section 1725.5.

21 (b) CONTRACTOR and its subcontractors acknowledge that they shall not be
22 listed on any bid proposal for a public works project (submitted on or after March 1, 2015)
23 unless registered with the DIR pursuant to Labor Code section 1725.5. The requirements of this
24 section shall apply unless one of the limited exceptions provided under Labor Code Section
25 1771.1(a) applies.

26 (c) CONTRACTOR and its subcontractors acknowledge that they shall not be
27 awarded any contract for public work on a public works project (awarded on or after April 1,
28 2015) unless registered with the DIR pursuant to Labor Code section 1725.5.

1 (d) The Project described herein is subject to compliance monitoring and
2 enforcement with the DIR.

3 For further information concerning compliance with SB 854, please visit:
4 <http://www.dir.ca.gov/Public-Works/SB854.html>.

5 **21. WORKERS' COMPENSATION CERTIFICATION.**

6 **21.1.** Prior to the commencement of work, CONTRACTOR shall sign and file with
7 COUNTY the following certification: "I am aware of the provisions of California Labor Code §§3700
8 et seq. which require every employer to be insured against liability for workers' compensation or to
9 undertake self-insurance in accordance with the provisions of that code, and I will comply with such
10 provisions before commencing the performance of the work of this contract."

11 **21.2.** This certification is included in this Agreement and signature of the Agreement shall
12 constitute signing and filing of the certificate.

13 **21.3.** CONTRACTOR understands and agrees that any and all employees, regardless of hire
14 date, shall be covered by Workers' Compensation pursuant to statutory requirements prior to beginning
15 work on the Project.

16 **21.4.** If CONTRACTOR has no employees, initial here: _____.

17 **22. WARRANTY.**

18 **22.1. One Year Warranty.** CONTRACTOR agrees to provide a minimum one-year warranty
19 for all of its work and component parts and guarantees that all work shall be performed in a
20 professional and workman-like manner and be free from defects. CONTRACTOR guarantees to
21 timely correct all work performed by it under this Agreement which COUNTY determines to be
22 defective in design, material and/or workmanship within a period of one (1) year from the date of the
23 completion of the Work. The warranties set forth in this Agreement shall be in addition to, and not in
24 lieu of, all other warranties in **Exhibit A**, statutory and case law warranties and obligations of
25 CONTRACTOR. CONTRACTOR expressly agrees that all warranties made by CONTRACTOR, all
26 obligations under this Agreement and all remedies for breach of such warranties shall survive this
27 Agreement in the event it is terminated or expires for any reason prior to the running of the full
28 warranty periods listed above.

1 **22.2. Materials.** All materials furnished by CONTRACTOR shall be new, manufactured
2 during the current year, of first quality and carrying full manufacturer's warranty. CONTRACTOR
3 shall be responsible for any expiration of manufacturer or other warranties of material or equipment
4 being supplied for this Agreement. CONTRACTOR guarantees that all warranties of material and
5 equipment shall become effective when the project is accepted by COUNTY's Board of Supervisors,
6 not at time of installation by CONTRACTOR.

7 **22.3. Manufacturers' Warranty Information.** CONTRACTOR agrees to promptly
8 provide such information and maintenance recommendations to COUNTY at the inception of
9 CONTRACTOR's work to the extent such information is reasonably available.

10 **23. DEFAULT & REMEDIES.**

11 **23.1. Default.** In the event that (i) CONTRACTOR files a petition requesting relief under
12 any bankruptcy act, or is adjudged as bankrupt, or makes a general assignment for the benefit of
13 creditors or has a receiver appointed on account of its insolvency, or (ii) CONTRACTOR refuses or is
14 unable, for whatever reason, to supply enough properly skilled workers or proper materials to complete
15 the Project, or (iii) CONTRACTOR fails to follow the directions of COUNTY, or (iv)
16 CONTRACTOR fails to make prompt payment to its subcontractors and suppliers for materials or
17 labor supplied or permits any lien to be imposed upon all or any portion of the Project, or (v)
18 CONTRACTOR disregards any laws or orders of any public or private authority having jurisdiction
19 over the Work or the Project, or (vi) CONTRACTOR fails to perform in accordance with any of the
20 terms of this Agreement or breaches any provision of this Agreement, COUNTY may give notice of
21 such failure or breach to CONTRACTOR, identifying the failure or breach of this Agreement. Should
22 any such failure or breach continue for twenty-four (24) hours after delivery of notice without a good
23 faith effort on the part of CONTRACTOR to commence all necessary corrective action, or should such
24 a breach continue despite CONTRACTOR's efforts for forty-eight (48) hours, then at that time such
25 failure shall be deemed a default by CONTRACTOR under this Agreement and COUNTY shall have
26 all rights and remedies available at law or in equity, including the right to terminate this Agreement.
27 Without limiting its rights and remedies, COUNTY may then proceed as follows:

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1 **(a)** Without terminating this Agreement or the obligations of CONTRACTOR
2 hereunder as to all of the Work required to be performed or furnished by CONTRACTOR pursuant to
3 this Agreement, COUNTY may require CONTRACTOR, at CONTRACTOR's expense, to cure such
4 default(s) as may exist in the performance of CONTRACTOR's obligations hereunder within forty-
5 eight (48) hours after such default(s) has/have occurred including but not limited to repairing,
6 replacing and correcting material or Work determined by COUNTY to be defective or not complying
7 with the requirements of this Agreement. Should CONTRACTOR fail to timely repair, replace and/or
8 correct non-complying or defective materials and workmanship or otherwise cure its default(s)
9 hereunder, and in the case of emergencies in which case COUNTY may act immediately if
10 CONTRACTOR is not available or is not responding, and without further notice, COUNTY may make
11 required repairs, replacements and other corrections or otherwise remedy the default by
12 CONTRACTOR pursuant to the paragraph below.

13 **(b)** Without terminating this Agreement or the obligations of CONTRACTOR
14 hereunder as to all of the Work required to be performed or furnished by CONTRACTOR pursuant to
15 this Agreement, COUNTY may engage another contractor to perform such portion of
16 CONTRACTOR's Work required pursuant to this Agreement or furnish any materials or other items
17 required hereunder as COUNTY in its sole discretion may deem necessary to avoid delay in the
18 progress of the Work, and in connection therewith, COUNTY may perform such Work or any portion
19 thereof itself or have the same performed by others and COUNTY may procure all necessary materials,
20 equipment or other items required for the continued progress of such Work. The costs incurred by
21 COUNTY as a result of engaging another contractor shall be deducted from the compensation payable
22 pursuant to this Agreement and if COUNTY's costs exceed or may reasonably be anticipated to exceed
23 the balance of the compensation due to CONTRACTOR for such work, such excess, or anticipated
24 excess, shall be immediately due and owing from CONTRACTOR to COUNTY and may be withheld
25 from any funds due to CONTRACTOR pursuant to this Agreement or any other agreement.

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1 (c) COUNTY may terminate CONTRACTOR's right to perform upon written
2 notice and COUNTY shall then have the option of completing the Work or any portion thereof by
3 exercise of its interest under the performance bond issued in favor by CONTRACTOR, or having such
4 Work in whole or in part be completed by others for CONTRACTOR's account. A calculation shall
5 take place at the conclusion of the Project wherein to the degree the sum of COUNTY's costs and any
6 amounts paid to complete the Project exceed the compensation payable pursuant to this Agreement,
7 then any such excess shall be immediately due and owing from CONTRACTOR to COUNTY.

8 **23.2. Damages.** CONTRACTOR shall be liable for all damages suffered by COUNTY by
9 reason of CONTRACTOR's default in any provision of this Agreement and the exercise of COUNTY
10 of its option to terminate this Agreement shall not release CONTRACTOR of such liability.
11 CONTRACTOR shall have no right to receive any further payment after a default has occurred until
12 such time as the Work to be performed by CONTRACTOR pursuant hereto has been completed and
13 accepted by COUNTY and damages suffered by COUNTY, if any, ascertained. Damages shall
14 include by way of illustration, but not of exclusion, COUNTY's costs of completing the Work which
15 exceeds the compensation payable pursuant to this Agreement, other general, liquidated, special or
16 consequential damages, attorney fees and costs.

17 **23.3. Actions After Default.** Should COUNTY exercise any of its options, remedies or rights
18 granted pursuant to the terms of this Agreement in the event of a default by CONTRACTOR,
19 COUNTY at its sole election may, but shall not be obligated to, use any materials, supplies, tools or
20 equipment on the work site which belong to CONTRACTOR to complete the Work required to be
21 completed by CONTRACTOR, whether such work is completed by COUNTY or by others, and
22 CONTRACTOR agrees that it shall not remove such materials, supplies, tools and equipment from the
23 work site unless directed in writing by COUNTY to do so.

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1 **23.4. Limit on Force Majeure Damages.** CONTRACTOR shall not be responsible for
2 repairing or restoring damage to work caused by an act of God in excess of five (5) percent of the
3 contract amount, provided that the work damaged is built in accordance with accepted and applicable
4 building standards and the plans and specifications of COUNTY. In the event of such damage,
5 COUNTY may, at its option, elect to terminate this Agreement. For purposes of this Agreement, an
6 “act of God” shall be defined as an earthquake in excess of 3.5 on the Richter Scale and a tidal wave.

7 **23.5. Resolution of Claims of Three Hundred Seventy-Five Thousand Dollars (\$375,000) or**
8 **Less.** For claims of three hundred seventy-five thousand dollars (\$375,000) or less, COUNTY and
9 CONTRACTOR agree to follow and comply with the mediation, arbitration, claim, civil action
10 procedure and trial de novo provisions set forth in California Public Contracts Code §§20104, 20104.2
11 and 20104.4.

12 **23.6. No Limitation of Rights.** The options and rights granted to COUNTY herein shall not
13 be deemed as limitations upon the other rights and remedies of COUNTY in the event of a failure of
14 performance or breach by CONTRACTOR, and COUNTY shall be entitled to exercise the rights and
15 remedies hereinabove specified and all other rights and remedies which may be provided in this
16 Agreement or by law or in equity, either cumulatively or consecutively, and in such order as COUNTY
17 in its sole discretion shall determine.

18 **24. ASSIGNMENT.**

19 Neither this Agreement nor any duties or obligations hereunder shall be assignable by
20 CONTRACTOR without the prior written consent of COUNTY. CONTRACTOR may employ other
21 specialists to perform services as required with prior approval by COUNTY.

22 **25. NON-DISCRIMINATION.**

23 **25.1.** CONTRACTOR and its subcontractors shall reference and abide by the guidance and
24 Disadvantaged Business Enterprise specifications contained in the California Department of
25 Transportation’s Local Programs Procedures 06-01 (which has been approved and released at
26 (<http://www.dot.ca.gov/hq/LocalPrograms/>) when working pursuant to this Agreement.

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1 **25.2. The Civil Rights, Affirmative Action, HCD, and Age Discrimination Acts Assurances:**

2 **(a)** During the performance of this Agreement, CONTRACTOR assures that no
3 otherwise qualified person shall be excluded from participation or employment, denied program
4 benefits, or be subjected to discrimination based on race, color, national origin, sex, age, or handicap,
5 under any program or activity funded by this contract, as required by Title VI of the Civil Rights Act
6 of 1964, Title I of the Housing and Community Development Act of 1974, as amended, and the Age
7 Discrimination Act of 1975, and all implementing regulations.

8 **25.3. The Training, Employment, and Contracting Opportunities for Business and Lower**
9 **Income Persons Assurance of Compliance:**

10 **(a)** The work to be performed under this Agreement is on a project assisted under a
11 program providing direct Federal financial assistance from the Department of Housing and Urban
12 Development and is subject to the requirements of Section 3 of the Housing and Urban Development
13 Act of 1968, as amended, 12 U.S.C. 1701u. Section 3 requires that to the greatest extent feasible,
14 opportunities for training and employment be given lower income residents of the project area and
15 contracts for Work in connection with the project be awarded to business concerns which are located
16 in, or owned in substantial part by persons residing in the area of the project.

17 **(b)** The parties to this Agreement will comply with the provisions of said Section 3
18 and the regulations issued pursuant thereto by the Secretary of Housing and Urban Development set
19 forth in 24 CFR Part 135, and all applicable rules and orders of the Department issued there under
20 prior to the execution of this contract. The parties to this contract certify and agree that they are under
21 no contractual or other disability which would prevent them from complying with these requirements.

22 **(c)** CONTRACTOR will send to each labor organization or representative of
23 workers with which he has a collective bargaining agreement or other contract or understanding, if
24 any, a notice advertising the said labor organization or worker's representative of his commitments
25 under this Section 3 clause and shall post copies of the notice in conspicuous places available to
26 employees and applicants for employment or training.

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1 (d) CONTRACTOR will include these Section 3 clauses in every contract and
2 subcontract for Work in connection with the project and will, at the direction of the State, take
3 appropriate action pursuant to the contract upon a finding that the CONSULTANT or any contractor or
4 subcontractor is in violation of regulations issued by the Secretary of Housing and Urban
5 Development, 24 CFR Part 135 and, will not let any contract unless the CONSULTANT or contractor
6 or subcontractor has first provided it with a preliminary statement of ability to comply with the
7 requirements of these regulations.

8 (e) Compliance with the provisions of Section 3, the regulations set forth in 24 CFR
9 Part 135, and all applicable rules and orders of the Department issued thereunder prior to the execution
10 of the Agreement shall be a condition of the Federal financial assistance provided to the project,
11 binding upon the CONSULTANT, its successors, and assigns. Failure to fulfill these requirements
12 shall subject the CONSULTANT, its contractors and subcontractors, its successors, and assigns to
13 those sanctions specified by the grant or contract through which Federal assistance is provided, and to
14 such sanctions as are specified by 24 CFR Part 135.

15 **25.4. State Nondiscrimination Clause:**

16 (a) During the performance of this Agreement, CONTRACTOR and its
17 subcontractors shall not unlawfully discriminate, harass, or allow harassment against any employee or
18 applicant for employment because of sex, race, color, ancestry, religious creed, national origin,
19 physical disability (including HIV and AIDS), mental disability, medical condition (cancer), age (over
20 40), marital status and denial of family care leave. CONTRACTOR and subcontractors shall ensure
21 that the evaluation and treatment of their employees and applicants for employment are free from such
22 discrimination and harassment.

23 (b) CONTRACTOR and subcontractors shall comply with the provisions of the Fair
24 Employment and Housing Act (Government Code, Section 12900 et seq.) and the applicable
25 regulations promulgated thereunder (California Code of Regulations, Title 2, Section 7258.0 et seq.)

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1 (c) The applicable regulations of the Fair Employment and Housing Commission
2 implementing Government Code, Section 12990, set forth in Chapter 5 of Division 4 of Title 2 of the
3 California Code of Regulations are incorporated into this contract by reference and made a part hereof
4 as if set forth in full.

5 (d) CONTRACTOR shall include the nondiscrimination and compliance provisions
6 of this clause in all subcontracts to perform work under the contract. "The CONSULTANT hereby
7 agrees to abide by the requirement of executive order 11246 and all implement regulations of the
8 Department of Labor."

9 **26. CDBG REQUIRED "SECTION 3" CLAUSE.**

10 CONSULTANT will comply with Section 3 of the Housing and Urban Development Act of
11 1968 (12 U.S.C. 1701u), and implementing Regulations at 24 CFR, Part 135.

12 **27. DISPUTE RESOLUTION PROCESS.**

13 The parties shall attempt to resolve any dispute arising out of or relating to this Agreement
14 through negotiations between the Contract Manager for COUNTY and Project Manager for
15 CONTRACTOR, who have authority to settle the same.

16 **28. COGNIZANCE OF VIOLATIONS BY COUNTY.**

17 **28.1.** CONTRACTOR understands and agrees that COUNTY shall take cognizance of
18 violations of Chapter 1 of Part 7 of Division 2 of the California Labor Code committed in the course of
19 the execution of this Agreement, and shall promptly report any suspected violations to the Labor
20 Commissioner.

21 **28.2.** If COUNTY determines as a result of its own investigation that there has been a
22 violation of Chapter 1 of Part 7 of Division 2 of the California Labor Code and withholds payment to
23 CONTRACTOR, the procedures in California Labor Code §1771.6 shall be followed.

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1 **28.3.** CONTRACTOR may bring an action in a court of competent jurisdiction to recover
2 from COUNTY the difference between the wages actually paid to an employee and the wages that
3 were required to be paid to an employee pursuant to Chapter 1 of Part 7 of Division 2 of the California
4 Labor Code, any penalties required to be paid pursuant to Chapter 1 of Part 7 of Division 2 of the
5 California Labor Code, and costs and attorney's fees related to the action, if either of the following is
6 true:

7 **(a)** COUNTY previously affirmatively represented to CONTRACTOR in writing,
8 in the call for bids, or otherwise, that the Work was not a "public work," as defined in Chapter 1 of
9 Part 7 of Division 2 of the California Labor Code; or

10 **(b)** COUNTY received actual written notice from the Department of Industrial
11 Relations that the Work is a "public work," as defined in Chapter 1 of Part 7 of Division 2 of the
12 California Labor Code, and failed to disclose that information to CONTRACTOR before the bid
13 opening or award of the contract.

14 **29. PREVAILING WAGE RATES AND PAYROLL RECORDS.**

15 **29.1.** CONTRACTOR agrees to comply with §§1775 and 1776 of the California Labor Code
16 relating to the payment of prevailing wage and the maintenance of certified payroll records and to
17 make the certified payroll records available for inspection at all reasonable hours at CONTRACTOR's
18 principal office. The responsibility for compliance with these provisions is fixed with
19 CONTRACTOR. CONTRACTOR understands and agrees that it shall, as a penalty to COUNTY,
20 forfeit specific monetary fines for each worker paid less than the prevailing wage rates as determined
21 by the Labor Commissioner for the work or craft in which the worker is employed for any Work done
22 pursuant to this Agreement.

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1 **29.2. Prevailing Wage Compliance.** For those Projects subject to Department of Industrial
2 Relations (DIR) Monitoring and Enforcement, be advised that the CONTRACTOR is responsible for
3 submitting certified payroll records directly to the State Compliance Monitoring Unit (CMU) The
4 Compliance Monitoring Unit or “CMU” is a component within the State Division of Labor Standards
5 Enforcement (DLSE) that was created to monitor and enforce prevailing wage requirements on public
6 works projects that receive state bond funding and on other projects that are legally required to use the
7 CMU. **Effective Date and Applicability:** The laws and regulations that govern the new program are
8 effective January 1, 2012. This project for which the public works contract is awarded is subject to the
9 CMU requirements. For further information concerning compliance monitoring please visit the
10 website located at: <http://www.dir.ca.gov/dlse/cmu/cmu.html>.

11 **29.3.** CONTRACTOR shall be liable for penalties pursuant to this section when a
12 subcontractor on the Project fails to pay its workers the general prevailing rate of per diem wages and
13 any of the following conditions are met:

14 (a) CONTRACTOR had knowledge of that failure of the subcontractor to pay the
15 specified prevailing rate of wages to those workers; or

16 (b) CONTRACTOR fails to comply with all of the following requirements: The
17 contract executed between CONTRACTOR and the subcontractor for the performance of Work on the
18 Project shall include a copy of the provisions of California Labor Code §§1771, 1775, 1776, 1777.5,
19 1813 and 1815; and

20 (c) CONTRACTOR shall monitor the payment of the specified general prevailing
21 rate of per diem wages by the subcontractor to the employees, by periodic review of the certified
22 payroll records of the subcontractor; and

23 (d) Upon becoming aware of the failure of the subcontractor to pay his or her
24 workers the specified prevailing rate of wages, CONTRACTOR shall diligently take corrective action
25 to halt or rectify the failure, including, but not limited to, retaining sufficient funds due the
26 subcontractor for work performed on the public works project; and

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(e) Prior to making final payment to the subcontractor for Work performed on the Project, CONTRACTOR shall obtain an affidavit signed under penalty of perjury from the subcontractor that the subcontractor has paid the specified general prevailing rate of per diem wages to his or her employees on the Project and any amounts due pursuant to California Labor Code §1813.

30. WORK DAY AND WORK WEEK REQUIREMENTS.

CONTRACTOR agrees to comply with §§1810 through 1815 of the California Labor Code and, when applicable, sections 103 and 107 of the Contract Work Hours and Safety Standards Act, 40 U.S.C. §§3700 et seq., as supplemented by the Department of Labor regulations, which provide that CONTRACTOR's workers and its subcontractor's workers may not be required or permitted to work more than eight (8) hours in any one (1) calendar day and forty (40) hours in any one (1) calendar week. Further, work performed by employees of CONTRACTOR or its subcontractor in excess of eight (8) hours per day, and forty (40) hours during any one (1) week, shall be compensated for all hours worked in excess of eight (8) hours per day at not less than one and one-half (1½) times the basic rate of pay. The responsibility for compliance with these provisions is fixed with CONTRACTOR. CONTRACTOR understands and agrees that it shall, as a penalty to COUNTY, forfeit specific monetary fines to COUNTY should CONTRACTOR or its subcontractors fail to comply with the provisions contained within this paragraph.

31. APPRENTICESHIP REQUIREMENTS.

31.1. CONTRACTOR agrees to comply with §§1777.5, 1777.6 and 1777.7 of the California Labor Code relating to the employment of apprentices and to provide COUNTY with copies of any contract award information and verified statements of the journeyman and apprentice hours performed pursuant to this Agreement as required by §1777.5(e).

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1 **31.2.** The responsibility for compliance with these provisions is fixed with CONTRACTOR
2 for all apprenticeable occupations, where journeymen in the craft are employed on the public work, in
3 a ratio of not less than one (1) apprentice for each five (5) journeymen (unless an exemption is granted
4 in accordance with §1777.5) and CONTRACTOR and its subcontractors shall not discriminate among
5 otherwise qualified employees as indentured apprentices on any public work solely on the ground of
6 race, religious creed, color, national origin, ancestry, sex, or age, except as provided in California
7 Labor Code §3077. Only apprentices, as defined in California Labor Code §3077, who are in training
8 under apprenticeship standards and who have signed written apprentice agreements will be employed
9 on public works in apprenticeable occupations. This section shall not be enforced if the not-to-exceed
10 amount of this Agreement set forth and/or incorporated in the “COMPENSATION” paragraph is less
11 than thirty thousand dollars (\$30,000).

12 **31.3.** If the Project falls within the jurisdiction of California Labor Code §1777.5, COUNTY
13 shall, within five (5) days of the award, send a copy of the award to the Division of Apprenticeship
14 Standards. In addition, COUNTY shall notify the Division of Apprenticeship Standards of a finding of
15 any discrepancy regarding the ratio of apprentices to journeymen within five (5) days of the finding.

16 **32. LABOR STANDARDS COMPLIANCE REQUIREMENTS.**

17 **32.1.** It is CONTRACTOR’s responsibility to provide all labor compliance documentation
18 from its subcontractors completely and accurately in a timely manner. CONTRACTOR is responsible
19 to review promptly and then forward on all required documentation to COUNTY per the time
20 schedules in the Labor Compliance Handout. Included with the Labor Compliance Handout,
21 COUNTY will provide training, documentation requirements, forms, etc., at the preconstruction
22 conference or at a time designated by COUNTY.

23 **32.2.** In the event, during the review process of labor compliance documentation from
24 COUNTY’s labor compliance monitor, inaccurate, missing or incomplete information was provided,
25 the labor compliance monitor will request from CONTRACTOR the items, revisions and
26 documentation needed. The cost of this additional labor compliance enforcement shall be borne by
27 CONTRACTOR.

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1 **33. SIGNAGE REQUIREMENTS.**

2 **33.1. Project Identity Signage.** CONTRACTOR is required to provide and install the
3 required project identity signage as detailed in the Plans and Specifications, in the size and at the
4 location indicated by the Imperial County Community and Economic Development Manager or his/her
5 designee, and to maintain the signage in good condition for the duration of the Project. The signage
6 may not be removed until the Notice of Completion is recorded or by written direction of the
7 Economic Development Manager or his/her designee.

8 **33.2. Required Employee Signage and Posters.** CONTRACTOR is required to provide and
9 install the Federal and State required employee posters and the required material pertaining to the
10 required labor standards provisions are posted (including, but not limited to, WH-1321, OSHA 3165
11 and OFCCP-English, EFCCP-Spanish) at the worksite in a prominent and accessible place.

12 **33.3. Section 3 Compliant Signage.** If required by COUNTY, CONTRACTOR is directed to
13 provide and install the "Offer for Employment" signage as detailed in the Plans and Specifications in
14 the size and at the location indicated by the Imperial County Community & Economic Development
15 Department Manger or his/her designee and to maintain the signage in good condition for the duration
16 of the Project. The signage may not be removed until the Notice of Completion is recorded or by
17 written direction of the Imperial County Community or his/her designee.

18 **34. CONFLICT OF INTEREST AND GRATUITIES.**

19 **34.1.** CONTRACTOR agrees that it presently has no interest and shall not acquire any
20 interest, direct or indirect, which could conflict in any manner or degree with the performance of
21 services required to be performed under this Agreement. CONTRACTOR further agrees that in the
22 performance of this Agreement, no person having any such interest shall be employed.

23 **34.2.** CONTRACTOR agrees to designate such person or persons who have responsibility for
24 carrying out the services under this Agreement and that such person or persons as may be designated
25 shall take any and all actions necessary to comply with COUNTY's Conflict of Interest Code adopted
26 pursuant to California Government Code §81000 to the extent required thereunder.

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1 **34.3.** If it is found, after notice and hearing by COUNTY, that gratuities (in the form of
2 entertainment., gifts, or otherwise) were offered or given by CONTRACTOR, or any agent or
3 representative of CONTRACTOR, to any officer, employee or agent of COUNTY with a view toward
4 securing a contract or securing favorable treatment with respect to the awarding or amending or the
5 making of any determinations with respect to the performance of this Agreement, COUNTY may, by
6 written notice to CONTRACTOR, terminate the right of CONTRACTOR to proceed under this
7 Agreement and/or may pursue such other rights and remedies provided by law or under this
8 Agreement.

9 **34.4.** In the event this Agreement is terminated as provided herein, COUNTY shall be
10 entitled 1.) to pursue the same remedies against CONTRACTOR as it could pursue in the event of a
11 breach of the Agreement by CONTRACTOR, and 2.) as a penalty in addition to any other damages to
12 which it may be entitled by law, to exemplary damages in an amount (as determined by COUNTY)
13 which shall be not less than three (3) nor more than ten (10) times the costs incurred by
14 CONTRACTOR in providing any such gratuities to any such officer, employee or agent.

15 **35. HOUSING AND URBAN DEVELOPMENT ACT COMPLIANCE.**

16 When applicable, CONTRACTOR agrees to comply with Section 3 of the Housing and Urban
17 Development Act of 1968 (42 U.S.C. 3601 et seq.) which provides that to the greatest extent feasible,
18 CONTRACTOR shall provide job training, employment and contracting opportunities for low or very-
19 low income residents in connection with the Project. The responsibility for compliance with these
20 provisions is fixed with CONTRACTOR.

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1 **36. COPELAND “ANTI-KICKBACK” ACT COMPLIANCE.**

2 When applicable, CONTRACTOR agrees to comply with the Copeland Act (*18 USC §874*
3 and *40 USC §276c; 29 C.F.R. Part 3*) which precludes CONTRACTOR and its subcontractors from in
4 any way inducing an employee to give up any part of the compensation to which he or she is entitled
5 under his or her contract of employment. CONTRACTOR and its subcontractors shall submit a
6 weekly statement of the wages paid to each employee performing on covered work during the
7 preceding payroll period. CONTRACTOR understands and agrees that should CONTRACTOR its
8 subcontractors induce an employee working on a covered contract to give up any part of the
9 compensation to which he or she is entitled, the inducing party may be subject to a five thousand dollar
10 (\$5,000) fine, or imprisonment for up to five (5) years, or both. CONTRACTOR also understands and
11 agrees that willful falsification of the statement of compliance may subject the employer to civil or
12 criminal prosecution and may be cause for contract termination or debarment. The responsibility for
13 compliance with these provisions is fixed with CONTRACTOR.

14 **37. FAIR LABOR STANDARDS ACT COMPLIANCE.**

15 When applicable, CONTRACTOR agrees to comply with the Fair Labor Standards Act of 1938
16 as amended (29 U.S.C. 201 et seq.) which establishes minimum wage, overtime pay, recordkeeping,
17 and youth employment standards affecting full-time and part-time workers on the Project. The
18 responsibility for compliance with these provisions is fixed with CONTRACTOR.

19 **38. CERTIFICATION REGARDING DEBARMENT, SUSPENSION AND OTHER**
20 **RESPONSIBILITY MATTERS.**

21 When applicable, CONTRACTOR agrees to execute a certification regarding debarment,
22 suspension, and other responsibility matters. The responsibility for compliance with this provision is
23 fixed with CONTRACTOR.

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1 **39. FEDERAL EQUAL EMPLOYMENT OPPORTUNITY CONSTRUCTION CONTRACT**
2 **SPECIFICATIONS.**

3 When applicable, CONTRACTOR agrees to incorporate the notice set forth in paragraph (d) of
4 41 C.F.R. 60-4.2 relating to the "Equal Opportunity Clause" and the "Standard Federal Equal
5 Employment Specifications." The responsibility for compliance with this provision is fixed with
6 CONTRACTOR.

7 **40. CLEAN AIR ACT AND THE FEDERAL WATER POLLUTION CONTROL ACT.**

8 When applicable, CONTRACTOR agrees to comply with all applicable standards, orders or
9 regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401 et seq.), the Federal Water Pollution
10 Control Act as amended (33 U.S.C. 1251 et seq.), Presidential Executive Order 11738 and
11 Environmental Protection Agency regulations set forth at 40 C.F.R. Part 15. CONTRACTOR
12 understands and agrees that violations shall be reported to the Federal awarding agency and the
13 Regional Office of the Environmental Protection Agency. The responsibility for compliance with
14 these provisions is fixed with CONTRACTOR.

15 **41. PROHIBITION ON THE USE OF FEDERAL FUNDS FOR LOBBYING.**

16 When applicable, CONTRACTOR shall file the required certification. Each tier certifies to the
17 tier above that it will not and has not used Federal appropriated funds to pay any person or
18 organization for influencing or attempting to influence an officer or employee of any agency, a
19 member of Congress, officer or employee of Congress, or an employee of a member of Congress in
20 connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352.
21 Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with
22 obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient. The
23 responsibility for compliance with this provision is fixed with CONTRACTOR.

24 **42. FEDERAL EMPLOYMENT ELIGIBILITY VERIFICATION.**

25 CONTRACTOR shall verify name, date of birth and social security number, along with
26 immigration information for non-citizens in order to verify the identity and employment eligibility of
27 both citizen and non-citizen new hires. The responsibility for compliance with this provision is fixed
28 with CONTRACTOR.

1 **43. THE CIVIL RIGHTS, HCD AND AGE DISCRIMINATION ACT ASSURANCES.**

2 During the performance of this Agreement, CONTRACTOR assures that no otherwise
3 qualified person shall be excluded from participation or employment, denied program benefits or be
4 subjected to discrimination based on race, color, national origin, gender, age or handicap, under any
5 program or activity funded by this Agreement, as required by Title VI of the Civil Rights Act of 1964,
6 Title I of the Housing and Community Development Act of 1974, as amended, and the Age
7 Discrimination Act of 1975, and all implementing regulations. The responsibility for compliance with
8 these provisions is fixed with CONTRACTOR.

9 **44. STANDARD EQUAL OPPORTUNITY CLAUSE.**

10 **44.1.** CONTRACTOR hereby agrees that it will incorporate or cause to be incorporated into
11 any contract for construction work, or modification thereof, as defined in the regulations of the
12 Secretary of Labor at 41 C.F.R. Chapter 60, which is paid for in whole or in part with funds obtained
13 from the Federal Government or borrowed on the credit of the Federal Government pursuant to a grant,
14 contract, loan insurance, or guarantee, or undertaken pursuant to any Federal program involving such
15 grant, contract, loan, insurance, or guarantee, the following equal opportunity clause:

16 “During the performance of this contract, the Contractor agrees as follows:

- 17 (1) The contractor will not discriminate against any employee or applicant for
18 employment because of race, color, religion, sex, or national origin. The
19 contractor will take affirmative action to ensure that applicants are employed,
20 and that employees are treated during employment, without regard to their race,
21 color, religion, sex, or national origin. Such action shall include, but not be
22 limited to the following: Employment, upgrading, demotion, or transfer,
23 recruitment or recruitment advertising; layoff or termination; rates of pay or other
24 forms of compensation; and selection for training, including apprenticeship. The
25 contractor agrees to post in conspicuous places, available to employees and
26 applicants for employment, notices to be provided by the contracting officer
27 setting forth the provisions of this nondiscrimination clause.

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1 (2) The contractor will, in all solicitations or advertisements for employees placed by
2 or on behalf of the contractor, state that all qualified applicants will receive
3 consideration for employment without regard to race, color, religion, sex, or national
4 origin.

5 (3) The contractor will send to each labor union or representative of workers with
6 which he has a collective bargaining agreement or other contract or understanding, a
7 notice to be provided by the agency contracting officer, advising the labor union or
8 workers' representative of the contractor's commitments under section 202 of Executive
9 Order 11246 of September 24, 1965, and shall post copies of the notice in conspicuous
10 places available to employees and applicants for employment.

11 (4) The contractor will comply with all provisions of Executive Order 11246 of
12 September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary
13 of Labor.

14 (5) The contractor will furnish all information and reports required by Executive
15 Order 11246 of September 24, 1965, and by the rules, regulations, and orders of the
16 Secretary of Labor, or pursuant thereto, and will permit access to his books, records,
17 and accounts by the contracting agency and the Secretary of Labor for purposes of
18 investigation to ascertain compliance with such rules, regulations, and orders.

19 (6) In the event of the contractor's non-compliance with the nondiscrimination
20 clauses of this contract or with any of such rules, regulations, or orders, this contract
21 may be canceled, terminated or suspended in whole or in part and the contractor may be
22 declared ineligible for further Government contracts in accordance with procedures
23 authorized in Executive Order 11246 of September 24, 1965, and such other sanctions
24 may be imposed and remedies invoked as provided in Executive Order 11246 of
25 September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as
26 otherwise provided by law.

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(7) the contractor will include the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as may be directed by the Secretary of Labor as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, that in the event the contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction, the contractor may request the United States to enter into such litigation to protect the interests of the United States.”

44.2. CONTRACTOR further agrees that it will be bound by the above equal opportunity clause with respect to its own employment practices when it participates in federally- assisted construction work; provided that if CONTRACTOR so participating is a State or local government, the above equal opportunity clause is not applicable to any agency, instrumentality, or subdivision of such government which does not participate in work on or under the Agreement.

44.3. CONTRACTOR agrees that it will assist and cooperate actively with the administering agency and the Secretary of Labor in obtaining the compliance of Contractors and subcontractors with the equal opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor, that it will furnish the Department and HUD and the Secretary of Labor such information as they may require for the supervision of such compliance, and that it will otherwise assist the administering agency in the discharge of the agency’s primary responsibility for securing compliance.

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1 **44.4.** CONTRACTOR further agrees that it will refrain from entering into any contract or
2 contract modification subject to Executive Order 11246 of September 24, 1965, with a contractor
3 debarred from, or who has not demonstrated eligibility for, government contracts and federally-assisted
4 construction contracts, pursuant to the Executive Order and will carry out such sanctions and penalties
5 for violation of the equal opportunity clause as may be imposed upon contractors and subcontractors
6 by the administering agency or the Secretary of Labor pursuant to Part II, Subpart D of the Executive
7 Order. In addition, CONTRACTOR agrees that if it fails or refuses to comply with these undertakings,
8 COUNTY may take any or all of the following actions: Cancel, terminate, or suspend in whole or in
9 part this funding commitment (contract, loan, grant, insurance, guarantee); refrain from extending any
10 further assistance to the applicant under the program with respect to which the failure or refund
11 occurred until satisfactory assurance of future compliance has been received from such Contractor; and
12 refer the case to the Department of Justice for appropriate legal proceedings.

13 **45. Disadvantaged/Minority/Women Business Enterprise Federal Regulatory Requirements.**

14 When applicable, Contractor will take all necessary affirmative steps to assure that minority
15 firms, women's business enterprises, and labor surplus area firms are used when possible. Affirmative
16 steps shall include:

17 **45.1.** Placing qualified small and minority businesses and women's business enterprises on
18 solicitation lists;

19 **45.2.** Assuring that small and minority businesses, and women's business enterprises are
20 solicited whenever they are potential sources;

21 **45.3.** Dividing total requirements, when economically feasible, into smaller tasks or
22 quantities to permit maximum participation by small and minority business, and women's business
23 enterprises;

24 **45.4.** Establishing delivery schedules, where the requirement permits, which encourage
25 participation by small and minority business, and women's business enterprises;

26 **45.5.** Using the Services and assistance of the Small Business Administration, and the
27 Minority Business Development Agency of the Department of Commerce.

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1 **46. CHILD SUPPORT COMPLIANCE ACT**

2 If the compensation specified in Paragraph 8 exceeds one hundred thousand dollars (\$100,000),
3 then CONTRACTOR agrees to the following:

4 **46.1.** Recognize the importance of child and family support obligations and fully comply with
5 all applicable state and federal laws relating to child and family support enforcement, including but not
6 limited to, disclosure of information and compliance with earnings assignment orders, as provided in
7 Chapter 8 (commencing with section 5200) of Part 5 of Division 9 of the Family Code; and

8 **46.2.** To the best of its knowledge, is fully comply with the earnings assignment orders of all
9 employees and is provide the names of all new employees to the New Hire Registry maintained by the
10 California Employment Development Department

11 **47. ASSIGNMENT OF UNFAIR BUSINESS PRACTICES CLAIMS (CLAYTON ACT AND**
12 **CARTWRIGHT ACT).**

13 CONTRACTOR and its subcontractors offer and agree to assign to COUNTY all rights, title
14 and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C.
15 §15) or under the Cartwright Act (Chapter 2 (commencing with §16700) of Part 2 of Division 7 of the
16 Business and Professions Code), arising from purchases of goods, services or materials pursuant to this
17 Agreement. This assignment shall be made and become effective at the time COUNTY tenders final
18 payment to CONTRACTOR, without further acknowledgment by the Parties.

19 **48. NON-COLLUSION.**

20 CONTRACTOR agrees he/she has executed and submitted with the Bid a Non-Collusion
21 Affidavit that complies with Cal. Public Code §7106, included in **Exhibit “B”** and incorporated
22 herein.

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1 **49. NOTICES AND REPORTS.**

2 **49.1.** Any notice and reports under this Agreement shall be in writing and may be given by
3 personal delivery or by mailing by certified mail, addressed as follows:

4 **COUNTY**

5 Imperial County Community and
6 Economic Development Manager
7 940 Main Street, Suite 203
8 El Centro, CA 92243

CONTRACTOR

[Mail Info]

9 County of Imperial
10 Clerk of the Board of Supervisors
11 940 W. Main Street, Suite 209
12 El Centro, CA 92243

13 **49.2.** Notice shall be deemed to have been delivered only upon receipt by the Party, seventy-
14 two (72) hours after deposit in the United States mail or twenty-four (24) hours after deposit with an
15 overnight carrier.

16 **49.3.** The addressees and addresses for purposes of this paragraph may be changed to any
17 other addressee and address by giving written notice of such change. Unless and until written notice of
18 change of addressee and/or address is delivered in the manner provided in this paragraph, the addressee
19 and address set forth in this Agreement shall continue in effect for all purposes hereunder.

20 **50. ENTIRE AGREEMENT.**

21 This Agreement contains the entire Agreement between COUNTY and CONTRACTOR
22 relating to the transactions contemplated hereby and supersedes all prior or contemporaneous
23 agreements, understandings, provisions, negotiations, representations, or statements, either written or
24 oral.

25 **51. MODIFICATION.**

26 No modification, waiver, amendment, discharge, or change of this Agreement shall be valid
27 unless the same is in writing and signed by both Parties.

28 **52. CAPTIONS.**

Captions in this Agreement are inserted for convenience of reference only and do not define,
describe or limit the scope or the intent of this Agreement or any of the terms thereof.

1 **53. PARTIAL INVALIDITY.**

2 If any provision in this Agreement is held by a court of competent jurisdiction to be invalid,
3 void, or unenforceable, the remaining provisions will nevertheless continue in full force without being
4 impaired or invalidated in any way.

5 **54. GENDER AND INTERPRETATION OF TERMS AND PROVISIONS.**

6 As used in this Agreement and whenever required by the context thereof, each number, both
7 singular and plural, shall include all numbers, and each gender shall include a gender.
8 CONTRACTOR as used in this Agreement or in any other document referred to in or made a part of
9 this Agreement shall likewise include the singular and the plural, a corporation, a partnership,
10 individual, firm or person acting in any fiduciary capacity as executor, administrator, trustee or in any
11 other representative capacity or any other entity. All covenants herein contained on the part of
12 CONTRACTOR shall be joint and several if more than one person, firm or entity executes the
13 Agreement.

14 **55. WAIVER.**

15 No Waiver of any breach or of any of the covenants or conditions of this Agreement shall be
16 construed to be a waiver of any other breach or to be consent to any further or succeeding breach of the
17 same or any other covenant or condition.

18 **56. CHOICE OF LAW.**

19 This Agreement shall be governed by the laws of the State of California. This Agreement is
20 made and entered into in Imperial County, California. Any action brought by either party with respect
21 to this agreement shall be brought in a court of competent jurisdiction within said County.

22 **57. AUTHORITY.**

23 **57.1.** Each individual executing this Agreement on behalf of CONTRACTOR represents and
24 warrants that:

25 (a) She/he is duly authorized to execute and deliver this Agreement on behalf of
26 CONTRACTOR;

27 (b) Such execution and delivery is in accordance with the terms of the Articles of
28 Incorporation or Partnership, any by-laws or Resolutions of CONTRACTOR and;

(c) This Agreement is binding upon CONTRACTOR accordance with its terms.

57.2. CONTRACTOR shall deliver to COUNTY evidence acceptable to COUNTY of the foregoing within thirty (30) days of execution of this Agreement.

58. COUNTERPARTS.

This Agreement (as well as any amendments hereto) may be executed in any number of counterparts, each of which when executed shall be an original, and all of which together shall constitute the same Agreement. No counterparts shall be effective until all Parties have executed a counterpart hereof.

59. REVIEW OF AGREEMENT TERMS.

59.1. Each Party has received independent legal advice from its attorneys with respect to the advisability of making the representations, warranties, covenants and agreements provided for herein, and with respect to the advisability of executing this Agreement.

59.2. Each Party represents and warrants to and covenants with the other Party that:

(a) This Agreement in its reduction to final written form is a result of extensive good faith negotiations between the Parties and/or their respective legal counsel;

(b) The Parties and their legal counsel have carefully reviewed and examined this Agreement for execution by said Parties; and

59.3. Any statute or rule of construction that ambiguities are to be resolved against the drafting party shall not be employed in the interpretation of this Agreement.

60. NON-APPROPRIATION.

This Agreement is based upon the availability of public funding. In the event that public funds are unavailable and not appropriated for the performance of the services set forth in this Agreement, the Agreement shall be terminated without penalty after written notice to CONTRACTOR of the unavailability and/or non-appropriation of funds.

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1 **IN WITNESS WHEREOF**, the Parties have executed this Agreement on the day and year first
2 above written.

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4 **County of Imperial**

[Contractor]

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6
7 By: _____
8 Ryan E. Kelley, Chairman
9 Imperial County Board of Supervisors

By: _____
[Name],
[Title]

10 **ATTEST:**

11
12 _____
13 Blanca Acosta, Clerk of the Board,
14 County of Imperial, State of California

15 **APPROVED AS TO FORM:**

16 Michael L. Rood
17 County Counsel

18 By: _____
19 [Name],
20 [Title]
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- 7
- 8

The undersigned certifies, to the best of his or her knowledge or belief, that:

- CONTRACTOR:**
[Contractor]

By: _____
[Enter Name],
[Enter Title]

00550 NOTICE TO PROCEED

Dated: _____

Project: Poe Colonia Wastewater Treatment Plant Improvements	Owner: County of Imperial	Owner's Contract No.: ICCED-009
Contract:		Engineer's Project No.: 5426 POE
Contractor:		
Contractor's Address (send Certified Mail, Return Receipt requested):		

You are notified that the Contract Times under the above contract will commence to run on _____. On or before that date, you are to start performing your obligations under the Contract Documents.

Before you may start any Work at the Site, Paragraph 2.01.B of the General Conditions provides that you and the Owner must each deliver to the other (with copies to the Engineer and other identified additional insured's) Certificates of Insurance which each is required to purchase and maintain in accordance with the Contract Documents.

You are required to return an acknowledged copy of this NOTICE TO PROCEED to the OWNER.

Contractor	County of Imperial Owner
Given by:	Given by:
Authorized Signature	Authorized Signature
Title	Title
Date	Date

Copy to Engineer

1. The Contractor and the Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to the Owner for the performance of the Contract, which is incorporated herein by reference.
2. If the Contractor performs the Contract, the Surety and the Contractor have no obligation under this Bond, except to participate in conferences as provided in Paragraph 3.1.
3. If there is no Owner Default, the Surety's obligation under this Bond shall arise after:
 - 3.1 The Owner has notified the Contractor and the Surety, at the addresses described in Paragraph 10 below, that the Owner is considering declaring a Contractor Default and has requested and attempted to arrange a conference with the Contractor and the Surety to be held not later than **fifteen (15) days** after receipt of such notice to discuss methods of performing the Contract. If the Owner, the Contractor and the Surety agree, the Contractor shall be allowed a reasonable time to perform the Contract, but such an agreement shall not waive the Owner's right, if any, subsequently to declare a Contractor Default; and
 - 3.2 The Owner has declared a Contractor Default and formally terminated the Contractor's right to complete the Contract. Such Contractor Default shall not be declared earlier than **twenty (20) days** after the Contractor and the Surety have received notice as provided in Paragraph 3.1; and
 - 3.3 The Owner has agreed to pay the Balance of the Contract Price to:
 1. The Surety in accordance with the terms of the Contract;
 2. Another contractor selected pursuant to Paragraph 4.3 to perform the Contract.
4. When the Owner has satisfied the conditions of Paragraph 3, the Surety shall promptly and at the Surety's expense take one of the following actions:
 - 4.1 Arrange for the Contractor, with consent of the Owner, to perform and complete the Contract; or
 - 4.2 Undertake to perform and complete the Contract itself, through its agents or through independent contractors; or
 - 4.3 Obtain bids or negotiated proposals from qualified contractors acceptable to the Owner for a contract for performance and completion of the Contract, arrange for a contract to be prepared for execution by the Owner and the Contractor selected with the Owner's concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the bonds issued on the Contract, and pay to the Owner the amount of damages as described in Paragraph 6 in excess of the Balance of the Contract Price incurred by the Owner resulting from the Contractor Default; or
 - 4.4 Waive its right to perform and complete, arrange for completion, or obtain a new contractor and with reasonable promptness under the circumstances:
 1. After investigation, determine the amount for which it may be liable to the Owner and, as soon as practicable after the amount is determined, tender payment therefore to the Owner; or
 2. Deny liability in whole or in part and notify the Owner citing reasons therefore.
5. If the Surety does not proceed as provided in Paragraph 4 with reasonable promptness, the Surety shall be deemed to be in default on this Bond **fifteen (15) days** after receipt of an additional written notice from the Owner to the Surety demanding that the Surety perform its obligations under this Bond, and the Owner shall be entitled to enforce any remedy available to the Owner. If the Surety proceeds as provided in Paragraph 4.4, and the Owner refuses the payment tendered or the Surety has denied liability, in whole or in part, without further notice the Owner shall be entitled to enforce any remedy available to the Owner.
6. After the Owner has terminated Contractor's right to complete the Contract, and if the Surety elects to act under Paragraph 4.1, 4.2, or 4.3 above, then the responsibilities of the Surety to the Owner shall not be greater than those of the Contractor under the Contract, and the responsibilities of the Owner to the Surety shall not be greater than those of the Owner under the

Contract. To a limit of the amount of this Bond, but subject to commitment by the Owner of the Balance of the Contract Price to mitigation of costs and damages on the Contract, the Surety is obligated without duplication for:

- 6.1 The responsibilities of the Contractor for correction of defective Work and completion of the Contract;
 - 6.2 Additional Legal, Design Professional, and delay costs resulting from the Contractor's Default, and resulting from the actions or failure to act of the Surety under Paragraph 4; and
 - 6.3 Liquidated damages, or if no liquidated damages are specified in the Contract, actual damages caused by delayed performance or non-performance of the Contractor.
7. The Surety shall not be liable to the Owner or others for obligations of the Contractor that are unrelated to the Contract, and the Balance of the Contract Price shall not be reduced or set off on account of any such unrelated obligations. No right of action shall accrue on this Bond to any person or entity other than the Owner or its heirs, executors, administrators, or successors.
 8. The Surety hereby waives notice of any change, including changes of time, to the Contract or to related subcontracts, purchase orders, and other obligations.
 9. Any proceeding, legal or equitable, under this Bond may be instituted in any court of competent jurisdiction in the location in which the Work or part of the Work is located and shall be instituted within **two (2) years** after Contractor Default or within **two (2) years** after the Contractor ceased working or within **two (2) years** after the Surety refuses or fails to perform its obligations under this Bond, whichever occurs first. If the provisions of this paragraph are void or prohibited by law, the minimum period of limitation available to sureties

as a defense in the jurisdiction of the suit shall be applicable.

10. Notice to the Surety, the Owner, or the Contractor shall be mailed or delivered to the address shown on the signature page.
11. When this Bond has been furnished to comply with a statutory requirement in the location where the Contract was to be performed, any provision in this Bond conflicting with said statutory requirement shall be deemed deleted here from and provisions conforming to such statutory requirement shall be deemed incorporated herein. The intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

12. Definitions.

- 12.1 Balance of the Contract Price: The total amount payable by the Owner to the Contractor under the Contract after all proper adjustments have been made, including allowance to the Contractor of any amounts received or to be received by the Owner in settlement of insurance or other Claims for damages to which the Contractor is entitled, reduced by all valid and proper payments made to or on behalf of the Contractor under the Contract.
- 12.2 Contract: The agreement between the Owner and the Contractor identified on the signature page, including all the Contract Documents and changes thereto.
- 12.3 Contractor Default: Failure of the Contractor, which has neither been remedied nor waived, to perform or otherwise to comply with the terms of the Contract.
- 12.4 Owner Default: Failure of the Owner, which has neither been remedied nor waived, to pay the Contractor as required by the Contract or to perform and complete or comply with the other terms thereof.

FOR INFORMATION ONLY (Name, Address and Telephone)

SURETY AGENCY OR BROKER: _____

OWNER'S REPRESENTATIVE: *TBD*

00615 PAYMENT BOND

Any singular reference to Contractor, Surety, Owner, or other party shall be considered plural where applicable.

CONTRACTOR (Name and Address):

SURETY (Name and Address of Principal Place of Business):

OWNER (Name and Address):

**County of Imperial
Community & Economic Development Department
940 West Main Street, Suite 203
El Centro, CA 92243**

CONTRACT

Date:

Amount:

Description: **Poe Colonia Wastewater Treatment Plant Improvements**

BOND

Bond Number:

Date (Not earlier than Contract Date):

Amount:

Modifications to this Bond Form:

The Surety and the Contractor, intending to be legally bound hereby, subject to the terms printed on the reverse side hereof, do each cause this Payment Bond to be duly executed on its behalf by its authorized officer, agent, or representative.

CONTRACTOR AS PRINCIPAL

Company:

Signature: _____ (Seal)

Name and Title:

SURETY

(Seal)

Surety's Name and Corporate Seal

By: _____

Signature and Title

(Attach Power of Attorney)

(Space is provided below for signatures of additional parties, if required.)

Attest: _____

Signature and Title

CONTRACTOR AS PRINCIPAL

Company:

Signature: _____ (Seal)

Name and Title:

SURETY

(Seal)

Surety's Name and Corporate Seal

By: _____

Signature and Title

(Attach Power of Attorney)

Attest: _____

Signature and Title:

1. The Contractor and the Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to the Owner to pay for labor, materials, and equipment furnished by Claimants for use in the performance of the Contract, which is incorporated herein by reference.
2. With respect to the Owner, this obligation shall be null and void if the Contractor:
 - 2.1 Promptly makes payment, directly or indirectly, for all sums due Claimants, and
 - 2.2 Defends, indemnifies, and holds harmless the Owner from all claims, demands, liens, or suits alleging non-payment by the Contractor by any person or entity who furnished labor, materials, or equipment for use in the performance of the Contract, provided the Owner has promptly notified the Contractor and the Surety (at the addresses described in Paragraph 12) of any claims, demands, liens, or suits and tendered defense of such claims, demands, liens, or suits to the Contractor and the Surety, and provided there is no Owner Default.
3. With respect to Claimants, this obligation shall be null and void if the Contractor promptly makes payment, directly or indirectly, for all sums due.
4. The Surety shall have no obligation to Claimants under this Bond until:
 - 4.1 Claimants who are employed by or have a direct contract with the Contractor have given notice to the Surety (at the addresses described in Paragraph 12) and sent a copy, or notice thereof, to the Owner, stating that a claim is being made under this Bond and, with substantial accuracy, the amount of the claim.
 - 4.2 Claimants who do not have a direct contract with the Contractor:
 1. Have furnished written notice to the Contractor and sent a copy, or notice thereof, to the Owner, within **ninety (90) days** after having last performed labor or last furnished materials or equipment included in the claim stating, with substantial accuracy, the amount of the claim and the name of the party to whom the materials or equipment were furnished or supplied, or for whom the labor was done or performed; and
2. Have either received a rejection in whole or in part from the Contractor, or not received within **thirty (30) days** of furnishing the above notice any communication from the Contractor by which the Contractor had indicated the claim will be paid directly or indirectly; and
3. Not having been paid within the above **thirty (30) days**, have sent a written notice to the Surety and sent a copy, or notice thereof, to the Owner, stating that a claim is being made under this Bond and enclosing a copy of the previous written notice furnished to the Contractor.
5. If a notice by a Claimant required by Paragraph 4 is provided by the Owner to the Contractor or to the Surety that is sufficient compliance.
6. When a Claimant has satisfied the conditions of Paragraph 4, the Surety shall promptly and at the Surety's expense take the following actions:
 - 6.1 Send an answer to that Claimant, with a copy to the Owner, within **forty-five (45) days** after receipt of the claim, stating the amounts that are undisputed and the basis for challenging any amounts that are disputed.
 - 6.2 Pay or arrange for payment of any undisputed amounts.
7. The Surety's total obligation shall not exceed the amount of this Bond, and the amount of this Bond shall be credited for any payments made in good faith by the Surety.
8. Amounts owed by the Owner to the Contractor under the Contract shall be used for the performance of the Contract and to satisfy claims, if any, under any performance bond. By the Contractor furnishing and the Owner accepting this Bond, they agree that all funds earned by the Contractor in the performance of the Contract are dedicated to satisfy obligations of the Contractor and the Surety under this Bond, subject to the Owner's priority to use the funds for the completion of the Work.

9. The Surety shall not be liable to the Owner, Claimants, or others for obligations of the Contractor that are unrelated to the Contract. The Owner shall not be liable for payment of any costs or expenses of any Claimant under this Bond, and shall have under this Bond no obligations to make payments to, give notices on behalf of, or otherwise have obligations to Claimants under this Bond.
10. The Surety hereby waives notice of any change, including changes of time, to the Contract or to related Subcontracts, purchase orders and other obligations.
11. No suit or action shall be commenced by a Claimant under this Bond other than in a court of competent jurisdiction in the location in which the Work or part of the Work is located or after the expiration of **one (1) year** from the date (1) on which the Claimant gave the notice required by Paragraph 4.1 or Paragraph 4.2.3, or (2) on which the last labor or service was performed by anyone or the last materials or equipment were furnished by anyone under the Construction Contract, whichever of (1) or (2) first occurs. If the provisions of this paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.
12. Notice to the Surety, the Owner, or the Contractor shall be mailed or delivered to the addresses shown on the signature page. Actual receipt of notice by the Surety, the Owner, or the Contractor, however accomplished, shall be sufficient compliance as of the date received at the address shown on the signature page.
13. When this Bond has been furnished to comply with a statutory requirement in the location where the Contract was to be performed, any provision in this Bond conflicting with said statutory requirement shall be deemed deleted herefrom and provisions

conforming to such statutory requirement shall be deemed incorporated herein. The intent is that this Bond shall be construed as a statutory Bond and not as a common law bond.
14. Upon request of any person or entity appearing to be a potential beneficiary of this Bond, the Contractor shall promptly furnish a copy of this Bond or shall permit a copy to be made.
15. Definitions.
 - 15.1 Claimant: An individual or entity having a direct contract with the Contractor, or with a first-tier subcontractor of the Contractor, to furnish labor, materials, or equipment for use in the performance of the Contract. The intent of this Bond shall be to include without limitation in the terms "labor, materials or equipment" that part of water, gas, power, light, heat, oil, gasoline, telephone service, or rental equipment used in the Contract, Architectural and Engineering Services required for performance of the Work of the Contractor and the Contractor's Subcontractors, and all other items for which a mechanic's lien may be asserted in the jurisdiction where the labor, materials, or equipment were furnished.
 - 15.2 Contract: The agreement between the Owner and the Contractor identified on the signature page, including all Contract Documents and changes thereto.
 - 15.3 Owner Default: Failure of the Owner, which has neither been remedied nor waived, to pay the Contractor as required by the Contract or to perform and complete or comply with the other terms thereof.

FOR INFORMATION ONLY (Name, Address and Telephone)	
SURETY AGENCY OR BROKER:	_____ _____ _____
OWNER'S REPRESENTATIVE:	TBD

**00620 CERTIFICATE OF OWNER'S ATTORNEY
EXHIBIT GC-A**

I, the undersigned, _____ the duly authorized and acting legal representative of

County of Imperial do hereby certify as follows:

I have examined the attached Contract(s) and performance and payment bond(s) and the manner of execution thereof, and I am of the opinion that each of the aforesaid agreements is adequate and has been duly executed by the proper parties thereto acting through their duly authorized representatives; that said representatives have full power and authority to execute said agreements on behalf of the respective parties named thereon; and that the foregoing agreements constitute valid and legally binding obligations upon the parties executing the same in accordance with the terms, conditions, and provisions thereof.

Signature: _____

Name: _____

Title: _____

Date: _____

00625 CERTIFICATE OF SUBSTANTIAL COMPLETION

Project: Poe Colonia Wastewater Treatment Plant Improvements	Owner: County of Imperial	Owner's Contract No.: ICCED-009
Contract:		Date of Contract:
Contractor:		Engineer's Project No.: 5426 POE

This [tentative] [definitive] Certificate of Substantial Completion applies to:

☐ All Work under the Contract Documents: ☐ The following specified portions:

Date of Substantial Completion

The Work to which this Certificate applies has been inspected by authorized representatives of the Owner, the Contractor and the Engineer, and found to be substantially complete. The Date of Substantial Completion of the Project or portion thereof designated above is hereby declared and is also the date of commencement of applicable warranties required by the Contract Documents, except as stated below.

A (tentative) (revised tentative) (definitive) list of items to be completed or corrected, is attached hereto. This list may not be all-inclusive, and the failure to include any items on such list does not alter the responsibility of the Contractor to complete all Work in accordance with the Contract Documents.

The responsibilities between the OWNER and the CONTRACTOR for security, operation, safety, maintenance, heat, utilities, insurance and warranties shall be as provided in the Contract Documents except as amended as follows:

☐ Amended Responsibilities ☐ Not Amended

Owner's Amended Responsibilities:

Contractor's Amended Responsibilities:

The following documents are attached to and made part of this Certificate:

This Certificate does not constitute an acceptance of Work not in accordance with the Contract Documents nor is it a release of the Contractor's obligation to complete the Work in accordance with the Contract Documents.

Executed by Engineer

Date

Accepted by Contractor

Date

Accepted by Owner

Date

00710 STANDARD GENERAL CONDITIONS

ARTICLE 1 – DEFINITIONS AND TERMINOLOGY

1.01 *Defined Terms*

- A. Wherever used in the Bidding Requirements or Contract Documents and printed with initial capital letters, the terms listed below will have the meanings indicated which are applicable to both the singular and plural thereof. In addition to terms specifically defined, terms with initial capital letters in the Contract Documents include references to identified articles and paragraphs, and the titles of other documents or forms.
1. *Addenda* – Written or graphic instruments issued prior to the opening of Bids which clarify, correct, or change the Bidding Requirements or the proposed Contract Documents.
 2. *Agency* – The Federal or State Agency named as such in the Agreement.
 3. *Agreement* – The written instrument which is evidence of the agreement between the Owner and the Contractor covering the Work.
 4. *Application for Payment* – The form acceptable to the Engineer which is to be used by the Contractor during the course of the Work in requesting progress or final payments and which is to be accompanied by such supporting documentation as is required by the Contract Documents.
 5. *Asbestos* – Any material that contains more than one percent asbestos and is friable or is releasing asbestos fibers into the air above current action levels established by the United States Occupational Safety and Health Administration.
 6. *Bid* – The offer or proposal of a Bidder submitted on the prescribed form setting forth the prices for the Work to be performed.
 7. *Bidder* – The individual or entity who submits a Bid directly to the Owner.
 8. *Bidding Documents* – The Bidding Requirements and the proposed Contract Documents (including all Addenda).
 9. *Bidding Requirements* – The Advertisement or Invitation to Bid, Instructions to Bidders, Bid Security of Acceptable Form, if any, and the Bid Form with any supplements.
 10. *Board of Supervisors (Board)* – Refers to the Board of Supervisors of the County of Imperial, the governing body created by law and the awarding authority of the County of Imperial, acting either directly or through its duly appointed officials.
 11. *Change Order* – A document recommended by the Engineer which is signed by the Contractor and the Owner and Agency and authorizes an addition, deletion, or revision in the Work or an adjustment in the Contract Price or the Contract Times, issued on or after the Effective Date of the Agreement.
 12. *Claim* – A demand or assertion by the Owner or Contractor seeking an adjustment of the Contract Price or Contract Times, or both, or other relief with respect to the terms of the Contract. A demand for money or services by a third party is not a Claim.
 13. *Construction Manager* – The individual or entity who performs the roles as the representative of Owner/Engineer during the construction phase.

14. *Contract* – The entire and integrated written agreement between the Owner and Contractor concerning the Work. The Contract supersedes prior negotiations, representations, or agreements, whether written or oral.
15. *Contract Documents* – Those items so designated in the Agreement. Only printed or hard copies of the items listed in the Agreement are Contract Documents. Approved Shop Drawings, other Contractor's submittals, and the reports and drawings of subsurface and physical conditions are not Contract Documents.
16. *Contract Price* – The moneys payable by the Owner to the Contractor for completion of the Work in accordance with the Contract Documents as stated in the Agreement (subject to the provisions of Paragraph 11.03 in the case of Unit Price Work).
17. *Contract Times* – The number of days or the dates stated in the Agreement to: (i) achieve Milestones, if any, (ii) achieve Substantial Completion; and (iii) complete the Work so that it is ready for final payment as evidenced by the Engineer's written recommendation of final payment.
18. *Contractor* – The individual or entity with whom the Owner has entered into the Agreement.
19. *Cost of the Work* – See Paragraph 11.01.A for definition.
20. *County of Imperial (County)* – A political subdivision of the State of California, as created by law.
21. *Division of Measurement Standards* – Wherever used in the Standard Specifications, shall refer to the Department of Agricultural Commissioner Weights and Measures of the County of Imperial.
22. *Drawings* – That part of the Contract Documents prepared or approved by the Engineer which graphically shows the scope, extent, and character of the Work to be performed by the Contractor. Shop Drawings and other Contractor submittals are not Drawings as so defined.
23. *Effective Date of the Agreement* – The date indicated in the Agreement on which it becomes effective; if no such date is indicated, it means the date on which the Agreement is signed and delivered by the last of the two parties to sign and deliver.
24. *Engineer* – The individual or entity named as such in the Agreement; in this case. The Construction Manager takes the Engineer's role during the construction phase related to the construction activities.
25. *Field Order* – A written order issued by the Engineer which requires minor changes in the Work but which does not involve a change in the Contract Price or the Contract Times.
26. *General Requirements* – Sections of Division 1 of the Specifications. The General Requirements pertain to all sections of the Specifications.
27. *Hazardous Environmental Condition* – The presence at the Site of Asbestos, PCBs, Petroleum, Hazardous Waste, or Radioactive Material in such quantities or circumstances that may present a substantial danger to persons or property exposed thereto in connection with the Work.
28. *Hazardous Waste* – The term Hazardous Waste shall have the meaning provided in Section 1004 of the Solid Waste Disposal Act (42 USC Section 6903) as amended from time to time.
29. *Laws and Regulations; Laws or Regulations* – Any and all applicable laws, rules, regulations, ordinances, codes, and orders of any and all governmental bodies, agencies, authorities, and courts having jurisdiction.

30. *Liens* – Charges, security interests, or encumbrances upon Project funds, real property, or personal property.
31. *Liquidated Damages* – The amount prescribed in the Specifications to be paid to the County or to be deducted from any payments due or to become due the Contractor for each day's delay in completing the whole or any specified portion of the work beyond the time allowed in the specifications.
32. *Milestone* – A principal event specified in the Contract Documents relating to an intermediate completion date or time prior to the Substantial Completion of all of the Work.
33. *Notice of Award* – The written notice by the Owner to the Successful Bidder stating that upon timely compliance by the Successful Bidder with the conditions precedent listed therein, the Owner will sign and deliver the Agreement.
34. *Notice to Proceed* – A written notice given by the Owner to the Contractor fixing the date on which the Contract Times will commence to run and on which the Contractor shall start to perform the Work under the Contract Documents.
35. *Owner* – The individual or entity with whom the Contractor has entered into the Agreement and for whom the Work is to be performed.
36. *PCBs* – Polychlorinated Biphenyls.
37. *Petroleum* – Petroleum, including crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute), such as oil, petroleum, fuel oil, oil sludge, oil refuse, gasoline, kerosene, and oil mixed with other non-Hazardous Waste and crude oils.
38. *Progress Schedule* – A schedule prepared and maintained by the Contractor, describing the sequence and duration of the activities comprising the Contractor's plan to accomplish the Work within the Contract Times.
39. *Project* – The total construction of which the Work to be performed under the Contract Documents may be the whole, or a part.
40. *Project Manual* – The bound documentary information prepared for bidding and constructing the Work. A listing of the contents of the Project Manual, which may be bound in one or more volumes, is contained in the Table(s) of Contents.
41. *Radioactive Material* – Source, special nuclear, or byproduct material as defined by the Atomic Energy Act of 1954 (42 USC Section 2011 et seq.) as amended from time to time.
42. *Related Entity* – An officer, director, partner, employee, agent, consultant, or subcontractor.
43. *Resident Project Representative* – The authorized representative of the Engineer who may be assigned to the Site or any part thereof.
44. *Samples* – Physical examples of materials, equipment, or workmanship that are representative of some portion of the Work and which establish the standards by which such portion of the Work will be judged.
45. *Schedule of Submittals* – A schedule, prepared and maintained by the Contractor, of required submittals and the time requirements to support scheduled performance of related construction activities.

46. *Schedule of Values* – A schedule, prepared and maintained by the Contractor, allocating portions of the Contract Price to various portions of the Work and used as the basis for reviewing the Contractor's Applications for Payment.
47. *Shop Drawings* – All drawings, diagrams, illustrations, schedules, and other data or information which are specifically prepared or assembled by or for the Contractor and submitted by the Contractor to illustrate some portion of the Work.
48. *Site* – Lands or areas indicated in the Contract Documents as being furnished by the Owner upon which the Work is to be performed, including rights-of-way and easements for access thereto, and such other lands furnished by the Owner which are designated for the use of the Contractor.
49. *Specifications* – That part of the Contract Documents consisting of written requirements for materials, equipment, systems, standards and workmanship as applied to the Work, and certain administrative requirements and procedural matters applicable thereto.
50. *State of California (State)* – As used in these Specifications relative to the contract administration, refers to the County of Imperial.
51. *Subcontractor* – An individual or entity having a direct contract with the Contractor or with any other Subcontractor for the performance of a part of the Work at the Site.
52. *Substantial Completion* – The time at which the Work (or a specified part thereof) has progressed to the point where, in the opinion of the Engineer, the Work (or a specified part thereof) is sufficiently complete, in accordance with the Contract Documents, so that the Work (or a specified part thereof) can be utilized for the purposes for which it is intended. The terms "substantially complete" and "substantially completed" as applied to all or part of the Work refer to Substantial Completion thereof.
53. *Successful Bidder* – The Bidder submitting a responsive Bid to whom the Owner makes an award.
54. *Supplementary Conditions* – That part of the Contract Documents which amends or supplements these General Conditions.
55. *Supplier* – A manufacturer, fabricator, supplier, distributor, material man, or vendor having a direct contract with the Contractor or with any Subcontractor to furnish materials or equipment to be incorporated in the Work by the Contractor or any Subcontractor.
56. *Underground Facilities* – All underground pipelines, conduits, ducts, cables, wires, manholes, vaults, tanks, tunnels, or other such facilities or attachments, and any encasements containing such facilities, including those that convey electricity, gases, steam, liquid petroleum products, telephone or other communications, cable television, water, wastewater, storm water, other liquids or chemicals, or traffic or other control systems.
57. *Unit Price Work* – Work to be paid for on the basis of unit prices.
58. *Work* – The entire construction or the various separately identifiable parts thereof required to be provided under the Contract Documents. Work includes and is the result of performing or providing all labor, services, and documentation necessary to produce such construction, and furnishing, installing, and incorporating all materials and equipment into such construction, all as required by the Contract Documents.
59. *Work Change Directive* – A written statement to the Contractor issued on or after the Effective Date of the Agreement and signed by the Owner and the Agency upon recommendation of the Engineer ordering an addition, deletion, or revision in the Work, or responding to differing or unforeseen subsurface or physical conditions under which the Work is to be performed or to emergencies. A Work Change

Directive will not change the Contract Price or the Contract Times but is evidence that the parties expect that the change ordered or documented by a Work Change Directive will be incorporated in a subsequently issued Change Order following negotiations by the parties as to its effect, if any, on the Contract Price or Contract Times.

1.02 *Terminology*

A. The following words or terms are not defined but, when used in the Bidding Requirements or Contract Documents, have the following meaning.

B. *Intent of Certain Terms or Adjectives*

1. The Contract Documents include the terms “as allowed,” “as approved,” “as ordered,” “as directed” or terms of like effect or import to authorize an exercise of Professional Judgment by the Engineer. In addition, the adjectives “reasonable,” “suitable,” “acceptable,” “proper,” “satisfactory,” or adjectives of like effect or import are used to describe an action or determination of the Engineer as to the Work. It is intended that such exercise of Professional Judgment, Action or Determination will be solely to evaluate, in general, the Work for compliance with the requirements of and information in the Contract Documents and conformance with the Design Concept of the Completed Project as a functioning whole as shown or indicated in the Contract Documents (unless there is a specific statement indicating otherwise). The use of any such term or adjective is not intended to and shall not be effective to assign to the Engineer any duty or authority to supervise or direct the performance of the Work or any duty or authority to undertake responsibility contrary to the provisions of Paragraph 9.09 or any other provision of the Contract Documents.

C. *Day*

1. The word “day” means a calendar day of **twenty-four (24) hours** measured from midnight to the next midnight.

D. *Defective*

1. The word “defective,” when modifying the word “Work,” refers to Work that is unsatisfactory, faulty, or deficient in that it:
 - a. Does not conform to the Contract Documents, or
 - b. Does not meet the requirements of any applicable inspection, reference standard, test, or approval referred to in the Contract Documents, or
 - c. Has been damaged prior to the Engineer’s recommendation of final payment (unless responsibility for the protection thereof has been assumed by the Owner at Substantial Completion in accordance with Paragraph 14.04 or 14.05).

E. *Furnish, Install, Perform, Provide*

1. The word “furnish,” when used in connection with services, materials, or equipment, shall mean to supply and deliver said services, materials, or equipment to the Site (or some other specified location) ready for use or installation and in usable or operable condition.
2. The word “install,” when used in connection with services, materials, or equipment, shall mean to put into use or place in final position said services, materials, or equipment complete and ready for intended use.

3. The words “perform” or “provide,” when used in connection with services, materials, or equipment, shall mean to furnish and install said services, materials, or equipment complete and ready for intended use.
 4. When “furnish,” “install,” “perform,” or “provide” is not used in connection with services, materials, or equipment in a context clearly requiring an obligation of the Contractor, “provide” is implied.
- F. Unless stated otherwise in the Contract Documents, words or phrases which have a well-known technical or construction industry or trade meaning are used in the Contract Documents in accordance with such recognized meaning.

ARTICLE 2 – PRELIMINARY MATTERS

2.01 *Delivery of Bonds and Evidence of Insurance*

- A. When the Contractor delivers the executed counterparts of the Agreement to the Owner, the Contractor shall also deliver to the Owner such bonds as the Contractor may be required to furnish.
- B. *Evidence of Insurance:* Before any Work at the Site is started, the Contractor and Owner shall each deliver to the other, with copies to each additional insured identified in the Supplementary Conditions, certificates of insurance (and other evidence of insurance which either of them or any additional insured may reasonably request) which the Contractor and Owner respectively are required to purchase and maintain in accordance with Article 5.

2.02 *Construction Contract Notification Requirement*

- A. Contracting officers, applicants and contractors are required to give written notice to the Office of Federal Contract Compliance Programs (OFCCP) within 10 working days of award of a construction contract or subcontract in excess of \$10,000 (41 CFR 60-4.2)
- B. The notification should include:
 1. The name, address and telephone number of the contractor;
 2. Employer identification number;
 3. Dollar amount of the contract;
 4. Estimated starting and completion dates of the contract;
 5. The contract number; and
 6. Geographical area in which the contract is to be performed.
- C. Notices should be sent to the OFCCP Pacific Regional office with the following address: 90 7th Street, Suite #18-300, San Francisco, CA 94103.

2.03 *Copies of Documents*

- A. The Owner shall furnish to the Contractor ten (10) sets of printed or hard copies of the “Issued for Construction” Drawings and “Conformed” Project Manuals. Additional copies will be furnished upon request at the cost of reproduction.

2.04 *Commencement of Contract Times; Notice to Proceed*

- A. The Contract Times will commence to run on the thirtieth day after the Effective Date of the Agreement or, if a Notice to Proceed is given, on the day indicated in the Notice to Proceed. A Notice to Proceed may be given at any time within 30 days after the Effective Date of the Agreement.

2.05 *Starting the Work*

- A. The Contractor shall start to perform the Work on the date when the Contract Times commence to run. No Work shall be done at the Site prior to the date on which the Contract Times commence to run.

2.06 *Before Starting Construction*

- A. *Preliminary Schedules:* Within **ten (10) days** after the Effective Date of the Agreement (unless otherwise specified in the General Requirements), the Contractor shall submit to the Engineer for timely review:
 - 1. A Preliminary Progress Schedule;
 - 2. A Preliminary Schedule of Submittals; and
 - 3. A Preliminary Schedule of Values for all of the Work which includes quantities and prices of items which when added together equal the Contract Price and subdivides the Work into component parts in sufficient detail to serve as the basis for progress payments during the performance of the Work. Such prices will include an appropriate amount of overhead and profit applicable to each item of Work.

2.07 *Preconstruction Conference*

- A. Before any Work at the Site is started, a Conference attended by the Owner, Contractor, Engineer, Agency, and others as appropriate will be held to establish a working understanding among the parties as to the Work and to discuss the schedules referred to in Paragraph 2.05.A, procedures for handling Shop Drawings and other submittals, processing Applications for Payment, and maintaining required project records.

2.08 *Initial Acceptance of Schedules*

- A. At least **ten (10) days** before submission of the first Application for Payment a conference attended by the Contractor, Engineer, and others as appropriate will be held to review for acceptability to the Engineer as provided below the schedules submitted in accordance with Paragraph 2.05.A. The Contractor shall have an additional **five (5) days** to make corrections and adjustments and to complete and resubmit the schedules. No progress payment shall be made to the Contractor until acceptable schedules are submitted to the Engineer.
 - 1. The Progress Schedule will be acceptable to the Engineer if it provides an orderly progression of the Work to completion within the Contract Times. Such acceptance will not impose on the Engineer responsibility for the Progress Schedule, for sequencing, scheduling, or progress of the Work nor interfere with or relieve the Contractor from the Contractor's full responsibility therefore.
 - 2. The Contractor's Schedule of Submittals will be acceptable to the Engineer if it provides a workable arrangement for reviewing and processing the required submittals.
 - 3. The Contractor's Schedule of Values will be acceptable to the Engineer as to form and substance if it provides a reasonable allocation of the Contract Price to component parts of the Work.

ARTICLE 3 – CONTRACT DOCUMENTS: INTENT, AMENDING, REUSE

3.01 *Intent*

- A. The Contract Documents are complementary; what is required by one is as binding as if required by all.
- B. It is the intent of the Contract Documents to describe a functionally complete Project (or part thereof) to be constructed in accordance with the Contract Documents. Any labor, documentation, services, materials, or equipment that may reasonably be inferred from the Contract Documents or from prevailing custom or

trade usage as being required to produce the intended result will be provided whether or not specifically called for at no additional cost to the Owner.

- C. Clarifications and interpretations of the Contract Documents shall be issued by the Engineer as provided in Article 9.

3.02 *Reference Standards*

A. *Standards, Specifications, Codes, Laws, and Regulations*

1. Reference to standards, specifications, manuals, or codes of any technical society, organization, or association, or to Laws or Regulations, whether such reference be specific or by implication, shall mean the standard, specification, manual, code, or Laws or Regulations in effect at the time of opening of Bids (or on the Effective Date of the Agreement if there were no Bids), except as may be otherwise specifically stated in the Contract Documents.
2. No provision of any such standard, specification, manual or code, or any instruction of a Supplier shall be effective to change the duties or responsibilities of the Owner, Contractor, or Engineer, or any of their subcontractors, consultants, agents, or employees from those set forth in the Contract Documents. No such provision or instruction shall be effective to assign to the Owner, or Engineer, or any of their Related Entities, any duty or authority to supervise or direct the performance of the Work or any duty or authority to undertake responsibility inconsistent with the provisions of the Contract Documents.

3.03 *Reporting and Resolving Discrepancies*

A. *Reporting Discrepancies*

1. *Contractor's Review of Contract Documents Before Starting Work:* Before undertaking each part of the Work, the Contractor shall carefully study and compare the Contract Documents and check and verify pertinent figures therein and all applicable field measurements. The Contractor shall promptly report in writing to the Engineer any conflict, error, ambiguity, or discrepancy which the Contractor may discover and shall obtain a written interpretation or clarification from the Engineer before proceeding with any Work affected thereby.
2. *Contractor's Review of Contract Documents During Performance of Work:* If, during the performance of the Work, the Contractor discovers any conflict, error, ambiguity, or discrepancy within the Contract Documents or between the Contract Documents and any provision of any Law or Regulation applicable to the performance of the Work or of any standard, specification, manual or code, or of any instruction of any Supplier, the Contractor shall promptly report it to the Engineer in writing. The Contractor shall not proceed with the Work affected thereby (except in an emergency as required by Paragraph 6.16.A) until an amendment or supplement to the Contract Documents has been issued by one of the methods indicated in Paragraph 3.04.
3. The Contractor shall not be liable to the Owner or Engineer for failure to report any conflict, error, ambiguity, or discrepancy in the Contract Documents unless the Contractor knew or reasonably should have known thereof.

B. *Resolving Discrepancies*

1. Except as may be otherwise specifically stated in the Contract Documents, the provisions of the Contract Documents shall take precedence in resolving any conflict, error, ambiguity, or discrepancy between the provisions of the Contract Documents and:
 - a. The provisions of any standard, specification, manual, code, or instruction (whether or not specifically incorporated by reference in the Contract Documents); or

- b. The provisions of any Laws or Regulations applicable to the performance of the Work (unless such an interpretation of the provisions of the Contract Documents would result in violation of such Law or Regulation).

3.04 *Amending and Supplementing Contract Documents*

- A. The Contract Documents may be amended to provide for additions, deletions, and revisions in the Work or to modify the terms and conditions thereof by either a Change Order or a Work Change Directive.
- B. The requirements of the Contract Documents may be supplemented, and minor variations and deviations in the Work may be authorized, by one or more of the following ways:
 - 1. A Field Order;
 - 2. Engineer's approval of a Shop Drawing or Sample; (Subject to the provisions of Paragraph 6.17.D.3) or
 - 3. Engineer's written interpretation or clarification.

3.05 *Reuse of Documents*

- A. The Contractor and any Subcontractor or Supplier shall not:
 - 1. Have or acquire any title to or ownership rights in any of the Drawings, Specifications, or other documents (or copies of any thereof) prepared by or bearing the seal of the Engineer or the Engineer's consultants, including electronic media editions; or
 - 2. Reuse any of such Drawings, Specifications, other documents, or copies thereof on extensions of the Project or any other project without the written consent of the Owner and Engineer and specific written verification or adaptation by the Engineer.
- B. The prohibition of this Paragraph 3.05 will survive final payment, or termination of the Contract. Nothing herein shall preclude the Contractor from retaining copies of the Contract Documents for record purposes.

3.06 *Electronic Data*

- A. Copies of data furnished by the Owner or Engineer to the Contractor or the Contractor to the Owner or Engineer that may be relied upon are limited to the printed copies (also known as hard copies). Files in electronic media format of text, data, graphics, or other types are furnished only for the convenience of the receiving party. Any conclusion or information obtained or derived from such electronic files will be at the user's sole risk. If there is a discrepancy between the electronic files and the hard copies, the hard copies shall govern.
- B. Because data stored in electronic media format can deteriorate or be modified inadvertently or otherwise without authorization of the data's creator, the party receiving electronic files agrees that it will perform acceptance tests or procedures within **sixty (60) days**, after which the receiving party shall be deemed to have accepted the data thus transferred. Any errors detected within the **sixty (60) days** acceptance period will be corrected by the transferring party.
- C. When transferring documents in electronic media format, the transferring party makes no representations as to long term compatibility, usability, or readability of documents resulting from the use of software application packages, operating systems, or computer hardware differing from those used by the data's creator.

ARTICLE 4 – AVAILABILITY OF LANDS; SUBSURFACE AND PHYSICAL CONDITIONS; REFERENCE POINTS; HAZARDOUS ENVIRONMENTAL CONDITIONS

4.01 *Availability of Lands*

- A. The Owner shall furnish the Site. The Owner shall notify the Contractor of any encumbrances or restrictions not of general application but specifically related to use of the Site with which the Contractor must comply in performing the Work. The Owner will obtain in a timely manner and pay for easements for permanent structures or permanent changes in existing facilities. If the Contractor and Owner are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in the Contract Price or Contract Times, or both, as a result of any delay in the Owner's furnishing the Site or a part thereof, the Contractor may make a Claim therefore as provided in Paragraph 10.05.
- B. Upon reasonable written request, the Owner shall furnish the Contractor with a current statement of record legal title and legal description of the lands upon which the Work is to be performed and the Owner's interest therein as necessary for giving notice of or filing a mechanic's or construction lien against such lands in accordance with applicable Laws and Regulations.
- C. The Contractor shall provide for all additional lands and access thereto that may be required for temporary construction facilities or storage of materials and equipment.

4.02 *Subsurface and Physical Conditions*

- A. *Reports and Drawings:*
- B. The Supplementary Conditions identify:
 - 1. Those reports of explorations and tests of subsurface conditions at or contiguous to the Site that the Engineer has used in preparing the Contract Documents; and
 - 2. Those drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site (except Underground Facilities) that the Engineer has used in preparing the Contract Documents.
- C. *Limited Reliance by the Contractor on Technical Data Authorized:*
- D. The Contractor may rely upon the general accuracy of the "technical data" contained in such reports and drawings, but such reports and drawings are not Contract Documents. Such "technical data" is identified in the Supplementary Conditions. Except for such reliance on such "technical data," the Contractor may not rely upon or make any claim against the Owner or Engineer, or any of their Related Entities with respect to:
 - 1. The completeness of such reports and drawings for the Contractor's purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences, and procedures of construction to be employed by the Contractor, and safety precautions and programs incident thereto; or
 - 2. Other data, interpretations, opinions, and information contained in such reports or shown or indicated in such drawings; or
 - 3. Any Contractor interpretation of or conclusion drawn from any "technical data" or any such other data, interpretations, opinions, or information.

4.03 *Differing Subsurface or Physical Conditions*

- A. *Notice:* If the Contractor believes that any subsurface or physical condition at or contiguous to the Site that is uncovered or revealed either:

1. Is of such a nature as to establish that any “technical data” on which the Contractor is entitled to rely as provided in Paragraph 4.02 is materially inaccurate; or
 2. Is of such a nature as to require a change in the Contract Documents; or
 3. Differs materially from that shown or indicated in the Contract Documents; or
 4. Is of an unusual nature, and differs materially from conditions ordinarily encountered and generally recognized as inherent in work of the character provided for in the Contract Documents;
 5. then the Contractor shall, promptly after becoming aware thereof and before further disturbing the subsurface or physical conditions or performing any Work in connection therewith (except in an emergency as required by Paragraph 6.16.A), notify the Owner and the Engineer in writing about such condition. The Contractor shall not further disturb such condition or perform any Work in connection therewith (except as aforesaid) until receipt of written order to do so.
- B. *Engineer’s Review:* After receipt of written notice as required by Paragraph 4.03.A, the Engineer will promptly review the pertinent condition, determine the necessity of the Owner obtaining additional exploration or tests with respect thereto, and advise the Owner in writing (with a copy to the Contractor) of the Engineer’s findings and conclusions.
- C. *Possible Price and Times Adjustments*
1. The Contract Price or the Contract Times, or both, will be equitably adjusted to the extent that the existence of such differing subsurface or physical condition causes an increase or decrease in the Contractor’s cost of, or time required for, performance of the Work; subject, however, to the following:
 - a. Such condition must meet any one or more of the categories described in Paragraph 4.03.A; and
 - b. With respect to Work that is paid for on a Unit Price Basis, any adjustment in Contract Price will be subject to the provisions of Paragraphs 9.07 and 11.03.
 2. The Contractor shall not be entitled to any adjustment in the Contract Price or Contract Times if:
 - a. The Contractor knew of the existence of such conditions at the time the Contractor made a final commitment to the Owner with respect to the Contract Price and Contract Times by the submission of a Bid or becoming bound under a negotiated contract; or
 - b. The existence of such condition could reasonably have been discovered or revealed as a result of any examination, investigation, exploration, test, or study of the Site and contiguous areas required by the Bidding Requirements or Contract Documents to be conducted by or for the Contractor prior to the Contractor’s making such final commitment; or
 - c. The Contractor failed to give the written notice as required by Paragraph 4.03.A.
 3. If the Owner and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in the Contract Price or Contract Times, or both, a Claim may be made therefore as provided in Paragraph 10.05. However, the Owner and Engineer, and any of their Related Entities shall not be liable to the Contractor for any claims, costs, losses, or damages (including but not limited to all fees and charges of Engineers, Architects, Attorneys, and other Professionals and all court or arbitration or other dispute resolution costs) sustained by the Contractor on or in connection with any other project or anticipated project.

4.04 *Underground Facilities*

A. *Shown or Indicated:* The information and data shown or indicated in the Contract Documents with respect to existing Underground Facilities at or contiguous to the Site is based upon information and data furnished to the Owner or Engineer by the owners of such Underground Facilities, including the Owner, or by others. Unless it is otherwise expressly provided in the Supplementary Conditions:

1. The Owner and Engineer shall not be responsible for the accuracy or completeness of any such information or data; and
2. the cost of all of the following will be included in the Contract Price, and the Contractor shall have full responsibility for:
 - a. Reviewing and checking all such information and data,
 - b. Locating all Underground Facilities shown or indicated in the Contract Documents,
 - c. Coordination of the Work with the owners of such Underground Facilities, including the Owner, during construction, and
 - d. The safety and protection of all such Underground Facilities and repairing any damage thereto resulting from the Work.

B. *Not Shown or Indicated*

1. If an Underground Facility is uncovered or revealed at or contiguous to the Site which was not shown or indicated, or not shown or indicated with reasonable accuracy in the Contract Documents, the Contractor shall, promptly after becoming aware thereof and before further disturbing conditions affected thereby or performing any Work in connection therewith (except in an emergency as required by Paragraph 6.16.A), identify the owner of such Underground Facility and give written notice to that owner and to the Owner and Engineer. The Engineer will promptly review the Underground Facility and determine the extent, if any, to which a change is required in the Contract Documents to reflect and document the consequences of the existence or location of the Underground Facility. During such time, the Contractor shall be responsible for the safety and protection of such Underground Facility.
2. If the Engineer concludes that a change in the Contract Documents is required, a Work Change Directive or a Change Order will be issued to reflect and document such consequences. An equitable adjustment shall be made in the Contract Price or Contract Times, or both, to the extent that they are attributable to the existence or location of any Underground Facility that was not shown or indicated or not shown or indicated with reasonable accuracy in the Contract Documents and that the Contractor did not know of and could not reasonably have been expected to be aware of or to have anticipated. If the Owner and Contractor are unable to agree upon entitlement to or on the amount or extent, if any, of any such adjustment in Contract Price or Contract Times, the Owner or Contractor may make a Claim therefore as provided in Paragraph 10.05.

4.05 *Reference Points*

A. The Owner shall provide engineering surveys to establish reference points for construction which in the Engineer's judgment are necessary to enable the Contractor to proceed with the Work. The Contractor shall be responsible for laying out the Work, shall protect and preserve the established reference points and property monuments, and shall make no changes or relocations without the prior written approval of the Owner. The Contractor shall report to the Engineer whenever any reference point or property monument is lost or destroyed or requires relocation because of necessary changes in grades or locations, and shall be responsible for the accurate replacement or relocation of such reference points or property monuments by professionally qualified personnel.

4.06 *Hazardous Environmental Condition at Site*

- A. *Reports and Drawings:* Reference is made to the Supplementary Conditions for the identification of those reports and drawings relating to a Hazardous Environmental Condition identified at the Site, if any, that have been utilized by the Engineer in the preparation of the Contract Documents.
- B. *Limited Reliance by Contractor on Technical Data Authorized:* Contractor may rely upon the general accuracy of the “technical data” contained in such reports and drawings, but such reports and drawings are not Contract Documents. Such “technical data” is identified in the Supplementary Conditions. Except for such reliance on such “technical data,” Contractor may not rely upon or make any claim against Owner or Engineer, or any of their Related Entities with respect to:
 - 1. the completeness of such reports and drawings for Contractor’s purposes, including, but not limited to, any aspects of the means, methods, techniques, sequences and procedures of construction to be employed by Contractor and safety precautions and programs incident thereto; or
 - 2. other data, interpretations, opinions and information contained in such reports or shown or indicated in such drawings; or
 - 3. any Contractor interpretation of or conclusion drawn from any “technical data” or any such other data, interpretations, opinions or information.
- C. The Contractor shall not be responsible for any Hazardous Environmental Condition uncovered or revealed at the Site which was not shown or indicated in the Drawings or Specifications or identified in the Contract Documents to be within the Scope of the Work. The Contractor shall be responsible for a Hazardous Environmental Condition created with any materials brought to the Site by the Contractor, Subcontractors, Suppliers, or anyone else for whom the Contractor is responsible.
- D. If the Contractor encounters a Hazardous Environmental Condition or if the Contractor or anyone for whom the Contractor is responsible creates a Hazardous Environmental Condition, the Contractor shall immediately: (i) secure or otherwise isolate such condition; (ii) stop all Work in connection with such condition and in any area affected thereby (except in an emergency as required by Paragraph 6.16.A); and (iii) notify the Owner and Engineer (and promptly thereafter confirm such notice in writing). The Owner shall promptly consult with the Engineer concerning the necessity for the Owner to retain a Qualified Expert to evaluate such condition or take corrective action, if any.
- E. The Contractor shall not be required to resume Work in connection with such condition or in any affected area until after the Owner has obtained any required permits related thereto and delivered to the Contractor written notice: (i) specifying that such condition and any affected area is or has been rendered safe for the resumption of Work; or (ii) specifying any special conditions under which such Work may be resumed safely. If the Owner and Contractor cannot agree as to entitlement to or on the amount or extent, if any, of any adjustment in the Contract Price or Contract Times, or both, as a result of such Work stoppage or such special conditions under which the Work is agreed to be resumed by the Contractor, either party may make a Claim therefore as provided in Paragraph 10.05.
- F. If after receipt of such written notice the Contractor does not agree to resume such Work based upon a reasonable belief it is unsafe, or does not agree to resume such Work under such special conditions, then the Owner may order the portion of the Work that is in the area affected by such condition to be deleted from the Work. If the Owner and Contractor cannot agree as to entitlement to or on the amount or extent, if any, of an adjustment in the Contract Price or Contract Times as a result of deleting such portion of the Work, then either party may make a Claim therefore as provided in Paragraph 10.05. The Owner may have such deleted portion of the Work performed by the Owner’s own forces or others in accordance with Article 7.
- G. To the fullest extent permitted by Laws and Regulations, the Owner shall indemnify and hold harmless the Contractor, Subcontractors, and Engineer, and the officers, directors, partners, employees, agents,

consultants, and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of Engineers, Architects, Attorneys, and other Professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to a Hazardous Environmental Condition, provided that such Hazardous Environmental Condition: (i) was not shown or indicated in the Drawings or Specifications or identified in the Contract Documents to be included within the scope of the Work, and (ii) was not created by Contractor or by anyone for whom the Contractor is responsible. Nothing in this Paragraph 4.06.G shall obligate the Owner to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.

- H. To the fullest extent permitted by Laws and Regulations, the Contractor shall indemnify and hold harmless the Owner and Engineer, and the officers, directors, partners, employees, agents, consultants, and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of Engineers, Architects, Attorneys, and other Professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to a Hazardous Environmental Condition created by the Contractor or by anyone for whom the Contractor is responsible. Nothing in Paragraph 4.06. H shall obligate the Contractor to indemnify any individual or entity from and against the consequences of that individual's or entity's own negligence.
- I. The provisions of Paragraphs 4.02, 4.03, and 4.04 do not apply to a Hazardous Environmental Condition uncovered or revealed at the Site.

ARTICLE 5 – BONDS AND INSURANCE

5.01 *Performance, Payment, and Other Bonds*

Pursuant to California Civil Code Section 9550, the successful bidder shall, before commencement of work, furnish a payment bond issued by a California admitted surety to, and approved by, the County, if the public works contract exceeds twenty-five thousand dollars (\$25,000) in the amount of 100% of the contract amount. The successful Bidder shall also provide a performance bond in the amount of 100% of the contract amount.

- A. The Contractor shall furnish performance and payment bonds, each in an amount at least equal to the Contract Price as security for the faithful performance and payment of all of the Contractor's obligations under the Contract Documents. These bonds shall remain in effect until **one (1) year** after the date when final payment becomes due or until completion of the correction period specified in Paragraph 13.07, whichever is later, except as provided otherwise by Laws or Regulations or by the Contract Documents. The Contractor shall also furnish such other bonds as are required by the Contract Documents.
- B. All bonds shall be in the form prescribed by the Contract Documents except as provided otherwise by Laws or Regulations, and shall be executed by such sureties as are named in the current list of "Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies" as published in Circular 570 (amended) by the Financial Management Service, Surety Bond Branch, U.S. Department of the Treasury. All bonds signed by an agent must be accompanied by a certified copy of the agent's authority to act.
- C. If the surety on any bond furnished by the Contractor is declared bankrupt or becomes insolvent or its right to do business is terminated in any state where any part of the Project is located or it ceases to meet the requirements of Paragraph 5.01.B, the Contractor shall promptly notify the Owner and Engineer and shall, within **twenty (20) days** after the event giving rise to such notification, provide another bond and surety, both of which shall comply with the requirements of Paragraphs 5.01.B and 5.02.

5.02 *Licensed Sureties and Insurers*

- A. All bonds and insurance required by the Contract Documents to be purchased and maintained by the Owner or Contractor shall be obtained from surety or insurance companies that are duly licensed or authorized in the jurisdiction in which the Project is located to issue bonds or insurance policies for the limits and

coverage's so required. Such surety and insurance companies shall also meet such additional requirements and qualifications as may be provided in the Supplementary Conditions.

5.03 *Certificates of Insurance*

- A. The Contractor shall deliver to the Owner, with copies to each additional insured identified in the Supplementary Conditions, certificates of insurance (and other evidence of insurance requested by the Owner or any other additional insured) which the Contractor is required to purchase and maintain.
- B. The Owner shall deliver to the Contractor, with copies to each additional insured identified in the Supplementary Conditions, certificates of insurance (and other evidence of insurance requested by the Contractor or any other additional insured) which the Owner is required to purchase and maintain.

5.04 *Contractor's Liability Insurance*

- A. The Contractor shall purchase and maintain such liability and other insurance as is appropriate for the Work being performed and shall provide protection from claims set forth below which may arise out of or result from the Contractor's performance of the Work and the Contractor's other obligations under the Contract Documents, whether it is to be performed by the Contractor, any Subcontractor or Supplier, or by anyone directly or indirectly employed by any of them to perform any of the Work, or by anyone for whose acts any of them may be liable:
 - 1. Claims under workers' compensation, disability benefits, and other similar employee benefit acts;
 - 2. Claims for damages because of bodily injury, occupational sickness or disease, or death of the Contractor's employees;
 - 3. Claims for damages because of bodily injury, sickness or disease, or death of any person other than the Contractor's employees;
 - 4. Claims for damages insured by reasonably available personal injury liability coverage which are sustained:
 - a. by any person as a result of an offense directly or indirectly related to the employment of such person by Contractor, or
 - b. by any other person for any other reason;
 - 5. Claims for damages, other than to the Work itself, because of injury to or destruction of tangible property wherever located, including loss of use resulting there from; and
 - 6. Claims for damages because of bodily injury or death of any person or property damage arising out of the ownership, maintenance or use of any motor vehicle.
- B. The policies of insurance required by this Paragraph 5.04 shall:
 - 1. With respect to insurance required by Paragraphs 5.04.A.3 through 5.04.A.6 inclusive, include as additional insurer (subject to any customary exclusion regarding professional liability) the Owner and Engineer, and any other individuals or entities identified in the Supplementary Conditions, all of whom shall be listed as additional insurers, and include coverage for the respective officers, directors, partners, employees, agents, consultants and subcontractors of each and any of all such additional insurers, and the insurance afforded to these additional insurers shall provide primary coverage for all claims covered thereby;

2. Include at least the specific coverage's and be written for not less than the limits of liability provided in the Supplementary Conditions or required by Laws or Regulations, whichever is greater;
3. Include completed operations insurance;
4. Include contractual liability insurance covering the Contractor's indemnity obligations under Paragraphs 6.11 and 6.20;
5. Contain a provision or endorsement that the coverage afforded will not be canceled, materially changed or renewal refused until at least **thirty (30) days** prior written notice has been given to the Owner and Contractor and to each other additional insured identified in the Supplementary Conditions to whom a certificate of insurance has been issued (and the certificates of insurance furnished by the Contractor pursuant to Paragraph 5.03 will so provide);
6. Remain in effect at least until final payment and at all times thereafter when the Contractor may be correcting, removing, or replacing defective Work in accordance with Paragraph 13.07; and
7. With respect to completed operations insurance, and any insurance coverage written on a claims-made basis, remain in effect for at least **two (2) years** after final payment.
 - a. The Contractor shall furnish the Owner and each other additional insured identified in the Supplementary Conditions, to whom a certificate of insurance has been issued, evidence satisfactory to the Owner and any such additional insured of continuation of such insurance at final payment and **one (1) year** thereafter.

5.05 *Owner's Liability Insurance*

- A. In addition to the insurance required to be provided by the Contractor under Paragraph 5.04, the Owner, at the Owner's option, may purchase and maintain at Owner's expense Owner's own liability insurance as will protect the Owner against claims which may arise from operations under the Contract Documents.

5.06 *Property Insurance*

- A. Unless otherwise provided in the Supplementary Conditions, the Contractor shall purchase and maintain property insurance upon the Work at the Site in the amount of the full replacement cost thereof (the Contractor shall be responsible for any deductible or self-insured retention.). This insurance shall:
 1. Include the interests of the Owner, Contractor, Subcontractors, and Engineer, and any other individuals or entities identified in the Supplementary Conditions, and the officers, directors, partners, employees, agents, consultants and subcontractors of any of them, each of whom is deemed to have an insurable interest and shall be listed as an insured or additional insured;
 2. Be written on a Builder's Risk "all-risk" or open peril or special causes of loss policy form that shall at least include insurance for physical loss or damage to the Work, temporary buildings, false work, and materials and equipment in transit, and shall insure against at least the following perils or causes of loss: fire, lightning, extended coverage, theft, vandalism and malicious mischief, earthquake, collapse, debris removal, demolition occasioned by enforcement of Laws and Regulations, water damage (other than caused by flood), and such other perils or causes of loss as may be specifically required by the Supplementary Conditions;
 3. Include expenses incurred in the repair or replacement of any insured property (including but not limited to fees and charges of Engineers and Architects);

4. Cover materials and equipment stored at the Site or at another location that was agreed to in writing by the Owner prior to being incorporated in the Work, provided that such materials and equipment have been included in an Application for Payment recommended by the Engineer;
 5. Allow for partial utilization of the Work by the Owner;
 6. Include testing and startup; and
 7. Be maintained in effect until final payment is made unless otherwise agreed to in writing by the Owner, Contractor, and Engineer within **thirty (30) days** written notice to each other additional insured to whom a certificate of insurance has been issued.
- B. The Contractor shall purchase and maintain such boiler and machinery insurance or additional property insurance as may be required by the Supplementary Conditions or Laws and Regulations which will include the interests of the Owner, Contractor, Subcontractors, and Engineer, and any other individuals or entities identified in the Supplementary Conditions, and the officers, directors, partners, employees, agents, consultants and subcontractors of each and any of them, each of whom is deemed to have an insurable interest and shall be listed as an insured or additional insured.
- C. All the policies of insurance (and the certificates or other evidence thereof) required to be purchased and maintained in accordance with Paragraph 5.06 will contain a provision or endorsement that the coverage afforded will not be canceled or materially changed or renewal refused until at least **thirty (30) days** prior written notice has been given to the Owner and Contractor and to each other additional insured to whom a certificate of insurance has been issued and will contain waiver provisions in accordance with Paragraph 5.07.
- D. The Owner shall not be responsible for purchasing and maintaining any property insurance specified in this Paragraph 5.06 to protect the interests of the Contractor, Subcontractors, or others in the Work to the extent of any deductible amounts that are identified in the Supplementary Conditions. The risk of loss within such identified deductible amount will be borne by the Contractor, Subcontractors, or others suffering any such loss, and if any of them wishes property insurance coverage within the limits of such amounts, each may purchase and maintain it at the purchaser's own expense.

5.07 *Waiver of Rights*

- A. The Owner and Contractor intend that all policies purchased in accordance with Paragraph 5.06 will protect the Owner, Contractor, Subcontractors, and Engineer, and all other individuals or entities identified in the Supplementary Conditions to be listed as insured or additional insured (and the officers, directors, partners, employees, agents, consultants and subcontractors of each and any of them) in such policies and will provide primary coverage for all losses and damages caused by the perils or causes of loss covered thereby. All such policies shall contain provisions to the effect that in the event of payment of any loss or damage the insurers will have no rights of recovery against any of the insured or additional insured there under. The Owner and Contractor waive all rights against each other and their respective officers, directors, partners, employees, agents, consultants and subcontractors of each and any of them for all losses and damages caused by, arising out of or resulting from any of the perils or causes of loss covered by such policies and any other property insurance applicable to the Work; and, in addition, waive all such rights against Subcontractors, and the Engineer, and all other individuals or entities identified in the Supplementary Conditions to be listed as insured or additional insured (and the officers, directors, partners, employees, agents, consultants and subcontractors of each and any of them) under such policies for losses and damages so caused. None of the above waivers shall extend to the rights that any party making such waiver may have to the proceeds of insurance held by the Contractor as trustee or otherwise payable under any policy so issued.
- B. Owner waives all rights against the Contractor, Subcontractors, and Engineer, and the officers, directors, partners, employees, agents, consultants and subcontractors of each and any of them for:

1. Loss due to business interruption, loss of use, or other consequential loss extending beyond direct physical loss or damage to the Owner's property or the Work caused by, arising out of, or resulting from fire or other perils whether or not insured by the Owner; and
 2. Loss or damage to the completed Project or part thereof caused by, arising out of, or resulting from fire or other insured peril or cause of loss covered by any property insurance maintained on the completed Project or part thereof by the Owner during partial utilization pursuant to Paragraph 14.05, after Substantial Completion pursuant to Paragraph 14.04, or after final payment pursuant to Paragraph 14.07.
- C. Any insurance policy maintained by the Owner covering any loss, damage or consequential loss referred to in Paragraph 5.07.B shall contain provisions to the effect that in the event of payment of any such loss, damage, or consequential loss, the insurers will have no rights of recovery against the Contractor, Subcontractors, or Engineer, and the officers, directors, partners, employees, agents, consultants and subcontractors of each and any of them.

5.08 *Receipt and Application of Insurance Proceeds*

- A. Any insured loss under the policies of insurance required by Paragraph 5.06 will be adjusted with the Contractor and made payable to the Contractor as fiduciary for the insured, as their interests may appear, subject to the requirements of any applicable mortgage clause and of Paragraph 5.08.B. The Contractor shall deposit in a separate account any money so received and shall distribute it in accordance with such agreement as the parties in interest may reach. If no other special agreement is reached, the damaged Work shall be repaired or replaced, the moneys so received applied on account thereof.
- B. The Contractor as fiduciary shall have power to adjust and settle any loss with the insurers unless one of the parties in interest shall object in writing within **fifteen (15) days** after the occurrence of loss to the Contractor's exercise of this power. If such objection be made, the Contractor as fiduciary shall make settlement with the insurers in accordance with such agreement as the parties in interest may reach. If no such agreement among the parties in interest is reached, the Contractor as fiduciary shall adjust and settle the loss with the insurers and, if required in writing by any party in interest, the Contractor as fiduciary shall provide a bond for the proper performance of such duties.

5.09 *Acceptance of Bonds and Insurance; Option to Replace*

- A. If either the Owner or Contractor has any objection to the coverage afforded by or other provisions of the bonds or insurance required to be purchased and maintained by the other party in accordance with Article 5 on the basis of non-conformance with the Contract Documents, the objecting party shall so notify the other party in writing within **ten (10) days** after receipt of the certificates (or other evidence requested) required by Paragraph 2.01.B. The Owner and Contractor shall each provide to the other such additional information in respect of insurance provided as the other may reasonably request. If either party does not purchase or maintain all of the bonds and insurance required of such party by the Contract Documents, such party shall notify the other party in writing of such failure to purchase prior to the start of the Work, or of such failure to maintain prior to any change in the required coverage. Without prejudice to any other right or remedy, the other party may elect to obtain equivalent bonds or insurance to protect such other party's interests at the expense of the party who was required to provide such coverage, and a Change Order shall be issued to adjust the Contract Price accordingly.

5.10 *Partial Utilization, Acknowledgment of Property Insurer*

- A. If the Owner finds it necessary to occupy or use a portion or portions of the Work prior to Substantial Completion of all the Work as provided in Paragraph 14.05, no such use or occupancy shall commence before the insurers providing the property insurance pursuant to Paragraph 5.06 have acknowledged notice thereof and in writing effected any changes in coverage necessitated thereby. The insurers providing the property insurance shall consent by endorsement on the policy or policies, but the property insurance shall not be canceled or permitted to lapse on account of any such partial use or occupancy.

ARTICLE 6 – CONTRACTOR’S RESPONSIBILITIES

6.01 *Supervision and Superintendence*

- A. The Contractor shall supervise, inspect, and direct the Work competently and efficiently, devoting such attention thereto and applying such skills and expertise as may be necessary to perform the Work in accordance with the Contract Documents. The Contractor shall be solely responsible for the means, methods, techniques, sequences, and procedures of construction. The Contractor shall not be responsible for the negligence of the Owner or Engineer in the design or specification of a specific means, method, technique, sequence, or procedure of construction which is shown or indicated in and expressly required by the Contract Documents.
- B. At all times during the progress of the Work, the Contractor shall assign a competent Resident Superintendent who shall not be replaced without written notice to Owner and Engineer except under extraordinary circumstances. The superintendent will be the Contractor’s representative at the Site and shall have authority to act on behalf of the Contractor. All communications given to or received from the superintendent shall be binding on the Contractor.

6.02 *Labor; Working Hours*

- A. The Contractor shall provide competent, suitably qualified personnel to survey and lay out the Work and perform construction as required by the Contract Documents. The Contractor shall at all times maintain good discipline and order at the Site.
- B. Except as otherwise required for the safety or protection of persons or the Work or property at the Site or adjacent thereto, and except as otherwise stated in the Contract Documents, all Work at the Site shall be performed during regular working hours. The Contractor will not permit the performance of Work on a Saturday, Sunday, or any legal holiday without the Owner’s written consent (which will not be unreasonably withheld) given after prior written notice to the Engineer.

6.03 *Services, Materials, and Equipment*

- A. Unless otherwise specified in the Contract Documents, the Contractor shall provide and assume full responsibility for all services, materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, telephone, water, sanitary facilities, temporary facilities, and all other facilities and incidentals necessary for the performance, testing, start-up, and completion of the Work.
- B. All materials and equipment incorporated into the Work shall be as specified or, if not specified, shall be of good quality and new, except as otherwise provided in the Contract Documents. All special warranties and guarantees required by the Specifications shall expressly run to the benefit of the Owner. If required by the Engineer, the Contractor shall furnish satisfactory evidence (including reports of required tests) as to the source, kind, and quality of materials and equipment.
- C. All materials and equipment shall be stored, applied, installed, connected, erected, protected, used, cleaned, and conditioned in accordance with instructions of the applicable Supplier, except as otherwise may be provided in the Contract Documents.

6.04 *Progress Schedule*

- A. The Contractor shall adhere to the Progress Schedule established in accordance with Paragraph 2.07 as it may be adjusted from time to time as provided below.

1. The Contractor shall submit to the Engineer for acceptance (to the extent indicated in Paragraph 2.07) proposed adjustments in the Progress Schedule that will not result in changing the Contract Times. Such adjustments will comply with any provisions of the General Requirements applicable thereto.
2. Proposed adjustments in the Progress Schedule that will change the Contract Times shall be submitted in accordance with the requirements of Article 12. Adjustments in Contract Times may only be made by a Change Order.

6.05 *Substitutes and "Or-Equals"*

A. Whenever an item of material or equipment is specified or described in the Contract Documents by using the name of a proprietary item or the name of a particular Supplier, the specification or description is intended to establish the type, function, appearance, and quality required. Unless the specification or description contains or is followed by words reading that no like, equivalent, or "or-equal" item or no substitution is permitted, other items of material or equipment or material or equipment of other Suppliers may be submitted to the Engineer for review under the circumstances described below.

1. *"Or-Equal" Items:* If in the Engineer's sole discretion an item of material or equipment proposed by the Contractor is functionally equal to that named and sufficiently similar so that no change in related Work will be required, it may be considered by the Engineer as an "or-equal" item, in which case review and approval of the proposed item may, in the Engineer's sole discretion, be accomplished without compliance with some or all of the requirements for approval of proposed substitute items. For the purposes of this Paragraph 6.05.A.1, a proposed item of material or equipment will be considered functionally equal to an item so named if:

a. In the exercise of reasonable judgment the Engineer determines that:

- 1) It is at least equal in materials of construction, quality, durability, appearance, strength, and design characteristics;
- 2) It will reliably perform at least equally well the function and achieve the results imposed by the design concept of the completed Project as a functioning whole;
- 3) It has a proven record of performance and availability of responsive service; and

b. The Contractor certifies that, if approved and incorporated into the Work:

- 1) There will be no increase in cost to the Owner or increase in Contract Times, and
- 2) It will conform substantially to the detailed requirements of the item named in the Contract Documents.

2. *Substitute Items*

- a. If in the Engineer's sole discretion an item of material or equipment proposed by the Contractor does not qualify as an "or-equal" item under Paragraph 6.05.A.1, it will be considered a proposed substitute item.
- b. The Contractor shall submit sufficient information as provided below to allow the Engineer to determine that the item of material or equipment proposed is essentially equivalent to that named and an acceptable substitute therefore. Requests for review of proposed substitute items of material or equipment will not be accepted by the Engineer from anyone other than the Contractor.

- c. The procedural requirements for review by the Engineer will be as set forth in Paragraph 6.05.A.2.d, as supplemented in the General Requirements and as the Engineer may decide is appropriate under the circumstances.
 - d. The Contractor shall make written application to the Engineer for review of a proposed substitute item of material or equipment that the Contractor seeks to furnish or use. The application:
 - 1) *Shall certify that the proposed substitute item will:*
 - 1. Perform adequately the functions and achieve the results called for by the general design,
 - 2. be similar in substance to that specified, and be suited to the same use as that specified;
 - 2) *Will state:*
 - 1. The extent, if any, to which the use of the proposed substitute item will prejudice the Contractor's achievement of Substantial Completion on time;
 - 2. whether or not use of the proposed substitute item in the Work will require a change in any of the Contract Documents (or in the provisions of any other direct contract with the Owner for other work on the Project) to adapt the design to the proposed substitute item; and
 - 3. whether or not incorporation or use of the proposed substitute item in connection with the Work is subject to payment of any license fee or royalty;
 - 3) *Will identify:*
 - 1. All variations of the proposed substitute item from that specified and available engineering,
 - 2. sales, maintenance, repair, and replacement services;
 - 4) And shall contain an itemized estimate of all costs or credits that will result directly or indirectly from use of such substitute item, including costs of redesign and claims of other Contractors affected by any resulting change.
- B. *Substitute Construction Methods or Procedures:* If a specific means, method, technique, sequence, or procedure of construction is expressly required by the Contract Documents, the Contractor may furnish or utilize a substitute means, method, technique, sequence, or procedure of construction approved by the Engineer. The Contractor shall submit sufficient information to allow the Engineer, in the Engineer's sole discretion, to determine that the substitute proposed is equivalent to that expressly called for by the Contract Documents. The requirements for review by the Engineer will be similar to those provided in Paragraph 6.05.A.2.
- C. *Engineer's Evaluation:* Engineer will be allowed a reasonable time within which to evaluate each proposal or submittal made pursuant to Paragraphs 6.05.A and 6.05.B. Engineer may require Contractor to furnish additional data about the proposed substitute item. Engineer will be the sole judge of acceptability. No "or equal" or substitute will be ordered, installed or utilized until Engineer's review is complete, which will be evidenced by either a Change Order for a substitute or an approved Shop Drawing for an "or equal." Engineer will advise Contractor in writing of any negative determination.
- D. *Special Guarantee:* The Owner may require the Contractor to furnish at the Contractor's expense a special performance guarantee or other surety with respect to any substitute.
- E. *Engineer's Cost Reimbursement:* The Engineer will record the Engineer's costs in evaluating a substitute proposed or submitted by the Contractor pursuant to Paragraphs 6.05.A.2 and 6.05.B. Whether or not the Engineer approves a substitute item so proposed or submitted by the Contractor, the Contractor shall reimburse the Owner for the charges of the Engineer for evaluating each such proposed substitute. The Contractor shall also reimburse the Owner for the charges of the Engineer for making changes in the

Contract Documents (or in the provisions of any other direct contract with the Owner) resulting from the acceptance of each proposed substitute.

- F. *Contractor's Expense:* The Contractor shall provide all data in support of any proposed substitute or "or-equal" at the Contractor's expense.

6.06 *Concerning Subcontractors, Suppliers, and Others*

- A. The Contractor shall not employ any Subcontractor, Supplier, or other individual or entity (including those acceptable to the Owner as indicated in Paragraph 6.06.B), whether initially or as a replacement, against whom the Owner may have reasonable objection. The Contractor shall not be required to employ any Subcontractor, Supplier, or other individual or entity to furnish or perform any of the Work against whom Contractor has reasonable objection.
- B. If the Supplementary Conditions require the identity of certain Subcontractors, Suppliers, or other individuals or entities to be submitted to the Owner in advance for acceptance by the Owner by a specified date prior to the Effective Date of the Agreement, and if the Contractor has submitted a list thereof in accordance with the Supplementary Conditions, the Owner's acceptance (either in writing or by failing to make written objection thereto by the date indicated for acceptance or objection in the Bidding Documents or the Contract Documents) of any such Subcontractor, Supplier, or other individual or entity so identified may be revoked on the basis of reasonable objection after due investigation. The Contractor shall submit an acceptable replacement for the rejected Subcontractor, Supplier, or other individual or entity, and the Contract Price will be adjusted by the difference in the cost occasioned by such replacement, and an appropriate Change Order will be issued. No acceptance by the Owner of any such Subcontractor, Supplier, or other individual or entity, whether initially or as a replacement, shall constitute a waiver of any right of the Owner or Engineer to reject defective Work.
- C. The Contractor shall be fully responsible to the Owner and Engineer for all acts and omissions of the Subcontractors, Suppliers, and other individuals or entities performing or furnishing any of the Work just as the Contractor is responsible for the Contractor's own acts and omissions. Nothing in the Contract Documents:
1. Shall create for the benefit of any such Subcontractor, Supplier, or other individual or entity any contractual relationship between the Owner or Engineer and any such Subcontractor, Supplier or other individual or entity, nor
 2. Shall anything in the Contract Documents create any obligation on the part of the Owner or Engineer to pay or to see to the payment of any moneys due any such Subcontractor, Supplier, or other individual or entity except as may otherwise be required by Laws and Regulations.
- D. The Contractor shall be solely responsible for scheduling and coordinating the Work of Subcontractors, Suppliers, and other individuals or entities performing or furnishing any of the Work under a direct or indirect contract with the Contractor.
- E. The Contractor shall require all Subcontractors, Suppliers, and such other individuals or entities performing or furnishing any of the Work to communicate with the Engineer through the Contractor.
- F. The divisions and sections of the Specifications and the identifications of any Drawings shall not control the Contractor in dividing the Work among Subcontractors or Suppliers or delineating the Work to be performed by any specific trade.
- G. All Work performed for the Contractor by a Subcontractor or Supplier will be pursuant to an appropriate agreement between Contractor and the Subcontractor or Supplier which specifically binds the Subcontractor or Supplier to the applicable terms and conditions of the Contract Documents for the benefit of the Owner and Engineer. Whenever any such agreement is with a Subcontractor or Supplier who is listed as an

additional insured on the property insurance provided in Paragraph 5.06, the agreement between the Contractor and the Subcontractor or Supplier will contain provisions whereby the Subcontractor or Supplier waives all rights against the Owner, Contractor, and Engineer, and all other individuals or entities identified in the Supplementary Conditions to be listed as insured or additional insured (and the officers, directors, partners, employees, agents, consultants and subcontractors of each and any of them) for all losses and damages caused by, arising out of, relating to, or resulting from any of the perils or causes of loss covered by such policies and any other property insurance applicable to the Work. If the insurers on any such policies require separate waiver forms to be signed by any Subcontractor or Supplier, the Contractor will obtain the same.

- H. The Contractor shall maintain records showing the name and business address of each subcontractor and/or trucking company, regardless of tier.
 - 1. The records shall show the date of payment and the total dollar figure paid to all of these firms. Prime contractors shall also show the date of work performed by their own forces along with the corresponding dollar value of the work.
 - 2. Upon completion of the contract, a summary of these records shall be provided to the Engineer by the Contractor. These records shall be furnished to the Engineer within 90 days from the date of contract acceptance. \$10,000 will be withheld from payment until this is submitted and accepted.
 - 3. Prior to the fifteenth of each month, the Contractor shall submit documentation to the Engineer showing the amount paid to trucking companies. The Contractor shall also obtain and submit documentation to the Engineer showing the amount paid by trucking companies to all firms, including owner-operators, for the leasing of trucks.
 - 4. The Contractor shall also obtain and submit documentation to the Engineer showing the truck number, owner's name and California Highway Patrol CA number of the owner of the truck for all trucks used during that month.
- I. If the Contractor violates Pub Cont Code § 4100 et seq., the County of Imperial may exercise the remedies provided under Pub Cont Code § 4110. The County of Imperial may refer the violation to the Contractors State License Board as provided under Pub Cont Code § 4111.
- J. The Contractor shall perform work equaling at least 30 percent of the value of the original total bid with the Contractor's own employees and equipment, owned or rented, with or without operators.
- K. Contractor shall not use a debarred contractor. Contractor is prohibited from performing work on a public works project with a subcontractor who is ineligible to perform work pursuant to Section 1777.1 or 1777.7 of the Labor Code. A current list of debarred contractors is available at the Department of Industrial Relations' Web site at: http://www.dir.ca.gov/dir/Labor_law/DLSE/Debar.html. County shall not enter into any agreement with Contractor without prior determination that Contractor, and its subcontractors, are eligible to receive Community Development Block Grant funds and are not listed on the Federal Consolidated List of Debarred, Suspended, and Ineligible Contractors.
- L. Prompt Progress Payment to Subcontractors: A prime contractor or subcontractor shall pay to any subcontractor not later than 10 days of receipt of each progress payment in accordance with the provision in section 7108.5 of the California Business and Professions Code concerning prompt payment to subcontractors. The 10 days is applicable unless, a longer period is agreed to in writing. Any violation of Section 7108.5 shall subject the violating contractor or subcontractor to the penalties, sanctions and other remedies of that Section. Federal regulation (49 CFR 26.29) requires that any delay or postponement of payment over 30 days of receipt of each payment may take place only for good cause and with the agency's prior written approval. These requirements shall not be construed to limit or impair any contractual, administrative, or judicial remedies otherwise, available to the prime contractor or subcontractor in the event of a dispute involving late payment, or nonpayment by the prime contractor, deficient subcontract

performance, or noncompliance by a subcontractor. This provision applies to both DBE and non-DBE prime contractors and subcontractors.

- M. Prompt Payment of Withheld Funds to Subcontractors: The agency shall hold retainage from the prime contractor and shall make prompt and regular incremental acceptances of portions, as determined by the agency of the contract work and pay retainage to the prime contractor based on these acceptances. The prime contractor or subcontractor shall return all monies withheld in retention from a subcontractor within 30 days after receiving payment for work satisfactorily completed and accepted including incremental acceptances of portions of the contract work by the agency. Federal regulation (49 CFR 26.29) requires that any delay or postponement of payment over 30 days may take place only for good cause and with the agency's prior written approval. Any violation of this provision shall subject the violating prime contractor or subcontractor to the penalties, sanctions, and other remedies specified in Section 7108.5 of the California Business and Professions Code. These requirements shall not be construed to limit or impair any contractual, administrative, or judicial remedies otherwise available to the prime contractor or subcontractor in the event of a dispute involving late payment or non-payment by the prime contractor, deficient subcontract performance and/or noncompliance by a subcontractor. This provision applies to both DBE and non-DBE prime contractors and subcontractors.

6.07 *Patent Fees and Royalties*

- A. The Contractor shall pay all license fees and royalties and assume all costs incident to the use in the performance of the Work or the incorporation in the Work of any invention, design, process, product, or device which is the subject of patent rights or copyrights held by others. If a particular invention, design, process, product, or device is specified in the Contract Documents for use in the performance of the Work and if to the actual knowledge of the Owner or Engineer its use is subject to patent rights or copyrights calling for the payment of any license fee or royalty to others, the existence of such rights shall be disclosed by the Owner in the Contract Documents.
- B. To the fullest extent permitted by Laws and Regulations, the Contractor shall indemnify and hold harmless the Owner and Engineer, and the officers, directors, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of Engineers, Architects, Attorneys, and other Professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any infringement of patent rights or copyrights incident to the use in the performance of the Work or resulting from the incorporation in the Work of any invention, design, process, product, or device not specified in the Contract Documents.

6.08 *Permits*

- A. Unless otherwise provided in the Supplementary Conditions, the Contractor shall obtain and pay for all construction permits and licenses. The Owner shall assist the Contractor, when necessary, in obtaining such permits and licenses. The Contractor shall pay all governmental charges and inspection fees necessary for the prosecution of the Work which are applicable at the time of opening of Bids, or, if there are no Bids, on the Effective Date of the Agreement. The Owner shall pay all charges of utility owners for connections for providing permanent service to the Work.

6.09 *Laws and Regulations*

- A. The Contractor shall give all notices required by and shall comply with all Laws and Regulations applicable to the performance of the Work. Except where otherwise expressly required by applicable Laws and Regulations, neither the Owner nor the Engineer shall be responsible for monitoring the Contractor's compliance with any Laws or Regulations.
- B. If the Contractor performs any Work knowing or having reason to know that it is contrary to Laws or Regulations, the Contractor shall bear all claims, costs, losses, and damages (including but not limited to all fees and charges of Engineers, Architects, Attorneys and other Professionals and all court or arbitration or

other dispute resolution costs) arising out of or relating to such Work. However, it shall not be the Contractor's primary responsibility to make certain that the Specifications and Drawings are in accordance with Laws and Regulations, but this shall not relieve the Contractor of the Contractor's obligations under Paragraph 3.03.

- C. Changes in Laws or Regulations not known at the time of opening of Bids (or, on the Effective Date of the Agreement if there were no Bids) having an effect on the cost or time of performance of the Work shall be the subject of an adjustment in the Contract Price or the Contract Times. If the Owner and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any such adjustment, a Claim may be made therefore as provided in Paragraph 10.05.

6.10 *Taxes*

- A. The Contractor shall pay all sales, consumer, use, and other similar taxes required to be paid by the Contractor in accordance with the Laws and Regulations of the place of the Project which are applicable during the performance of the Work.

6.11 *Use of Site and Other Areas*

A. *Limitation on Use of Site and Other Areas*

1. The Contractor shall confine construction equipment, the storage of materials and equipment, and the operations of workers to the Site and other areas permitted by Laws and Regulations, and shall not unreasonably encumber the Site and other areas with construction equipment or other materials or equipment. The Contractor shall assume full responsibility for any damage to any such land or area, or to the owner or occupant thereof, or of any adjacent land or areas resulting from the performance of the Work.
2. Should any claim be made by any such owner or occupant because of the performance of the Work, the Contractor shall promptly settle with such other party by negotiation or otherwise resolve the claim by arbitration or other dispute resolution proceeding or at law.
3. To the fullest extent permitted by Laws and Regulations, the Contractor shall indemnify and hold harmless the Owner and the Engineer, and the officers, directors, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of Engineers, Architects, Attorneys and other Professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to any claim or action, legal or equitable, brought by any such owner or occupant against the Owner, Engineer, or any other party indemnified hereunder to the extent caused by or based upon Contractor's performance of the Work.

- B. *Removal of Debris during Performance of the Work:* During the progress of the Work the Contractor shall keep the Site and other areas free from accumulations of waste materials, rubbish, and other debris. Removal and disposal of such waste materials, rubbish, and other debris shall conform to applicable Laws and Regulations.

- C. *Cleaning:* Prior to Substantial Completion of the Work, the Contractor shall clean the Site and the Work and make it ready for utilization by the Owner. At the completion of the Work the Contractor shall remove from the Site all tools, appliances, construction equipment and machinery, and surplus materials and shall restore to original condition all property not designated for alteration by the Contract Documents.

- D. *Loading Structures:* The Contractor shall not load nor permit any part of any structure to be loaded in any manner that will endanger the structure, nor shall the Contractor subject any part of the Work or adjacent property to stresses or pressures that will endanger it.

6.12 *Record Documents*

- A. The Contractor shall maintain in a safe place at the Site one record copy of all Drawings, Specifications, Addenda, Change Orders, Work Change Directives, Field Orders, and written interpretations and clarifications in good order and annotated to show changes made during construction. These record documents together with all approved Samples and a counterpart of all approved Shop Drawings will be available to the Engineer for reference. Upon completion of the Work, these record documents, Samples, and Shop Drawings will be delivered to the Engineer.

6.13 *Safety and Protection*

- A. The Contractor shall be solely responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. The Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to:
 - 1. All persons on the Site or who may be affected by the Work;
 - 2. All the Work and materials and equipment to be incorporated therein, whether in storage on or off the Site; and
 - 3. Other property at the Site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures, utilities, and Underground Facilities not designated for removal, relocation, or replacement in the course of construction.
- B. The Contractor shall comply with all applicable Laws and Regulations relating to the safety of persons or property, or to the protection of persons or property from damage, injury, or loss; and shall erect and maintain all necessary safeguards for such safety and protection. The Contractor shall notify owners of adjacent property and of Underground Facilities and other utility owners when prosecution of the Work may affect them, and shall cooperate with them in the protection, removal, relocation, and replacement of their property.
- C. All damage, injury, or loss to any property referred to in Paragraph 6.13.A.2 or 6.13.A.3 caused, directly or indirectly, in whole or in part, by the Contractor, any Subcontractor, Supplier, or any other individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, shall be remedied by the Contractor (except damage or loss attributable to the fault of Drawings or Specifications or to the acts or omissions of the Owner or Engineer, or anyone employed by any of them, or anyone for whose acts any of them may be liable, and not attributable, directly or indirectly, in whole or in part, to the fault or negligence of the Contractor or any Subcontractor, Supplier, or other individual or entity directly or indirectly employed by any of them).
- D. The Contractor's duties and responsibilities for safety and for protection of the Work shall continue until such time as all the Work is completed and the Engineer has issued a notice to the Owner and Contractor in accordance with Paragraph 14.07.B that the Work is acceptable (except as otherwise expressly provided in connection with Substantial Completion).
- E. The Contractor shall provide for the safety of traffic and the public in conformance with the provisions in Section 7 1.09, "Public Safety," of the Standard Specifications and these special provisions. Full compensation for conforming with the provisions in this section shall be considered as included in the contract prices and no additional compensation will be allowed for.
- F. The Contractor shall familiarize himself with, and shall at all times conform to, the regulations of the "OSHA General Industry Occupational Safety and Health Standards", and "OSHA Safety and Health Regulations for Construction Safety Orders". A copy of these documents shall be kept on the job site.

6.14 *Safety Representative*

- A. The Contractor shall designate a qualified and experienced safety representative at the Site whose duties and responsibilities shall be the prevention of accidents and the maintaining and supervising of safety precautions and programs.

6.15 *Hazard Communication Programs*

- A. The Contractor shall be responsible for coordinating any exchange of Material Safety Data Sheets (MSDS) or other hazard communication information required to be made available to or exchanged between or among employers at the Site in accordance with applicable Laws or Regulations.

6.16 *Emergencies*

- A. In emergencies affecting the safety or protection of persons or the Work or property at the Site or adjacent thereto, the Contractor is obligated to act to prevent threatened damage, injury, or loss. The Contractor shall give the Engineer prompt written notice if the Contractor believes that any significant changes in the Work or variations from the Contract Documents have been caused thereby or are required as a result thereof. If the Engineer determines that a change in the Contract Documents is required because of the action taken by the Contractor in response to such an emergency, a Work Change Directive or Change Order will be issued.

6.17 *Shop Drawings and Samples*

- A. The Contractor shall submit Shop Drawings and Samples to the Engineer for review and approval in accordance with the acceptable Schedule of Submittals (as required by Paragraph 2.07). Each submittal will be identified as the Engineer may require.

1. *Shop Drawings*

- a. Submit number of copies specified in the General Requirements.
- b. Data shown on the Shop Drawings will be complete with respect to quantities, dimensions, specified performance and design criteria, materials, and similar data to show the Engineer the services, materials, and equipment that the Contractor proposes to provide and to enable the Engineer to review the information for the limited purposes required by Paragraph 6.17.D.

2. *Samples*

- a. Submit number of Samples specified in the Specifications.
- b. Clearly identify each Sample as to material, Supplier, pertinent data such as catalog numbers, the use for which it is intended and other data may require to enable the Engineer to review the submittal for the limited purposes required by Paragraph 6.17.D.

- B. Where a Shop Drawing or Sample is required by the Contract Documents or the Schedule of Submittals, any related Work performed prior to the Engineer's review and approval of the pertinent submittal will be at the sole expense and responsibility of the Contractor.

C. *Submittal Procedures*

- 1. Before submitting each Shop Drawing or Sample, the Contractor shall have determined and verified:
 - a. All field measurements, quantities, dimensions, specified performance and design criteria, installation requirements, materials, catalog numbers, and similar information with respect thereto;

- b. The suitability of all materials with respect to intended use, fabrication, shipping, handling, storage, assembly, and installation pertaining to the performance of the Work;
 - c. All information relative to the Contractor's responsibilities for means, methods, techniques, sequences, and procedures of construction, and safety precautions and programs incident thereto; and
 - d. Shall also have reviewed and coordinated each Shop Drawing or Sample with other Shop Drawings and Samples and with the requirements of the Work and the Contract Documents.
2. Each submittal shall bear a stamp or specific written certification that the Contractor has satisfied the Contractor's obligations under the Contract Documents with respect to the Contractor's review and approval of that submittal.
 3. With each submittal, the Contractor shall give the Engineer specific written notice of any variation, that the Shop Drawing or Sample may have from the requirements of the Contract Documents. This notice shall be both a written communication separate from the Shop Drawings or Sample Submittal; and, in addition, by a specific notation made on each Shop Drawing or Sample submitted to the Engineer for review and approval of each such variation.

D. Engineer's Review

1. The Engineer will provide timely review of Shop Drawings and Samples in accordance with the Schedule of Submittals acceptable to the Engineer. The Engineer's review and approval will be only to determine if the items covered by the submittals will, after installation or incorporation in the Work, conform to the information given in the Contract Documents and be compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents.
2. The Engineer's review and approval will not extend to the means, methods, techniques, sequences, or procedures of construction (except where a particular means, method, technique, sequence, or procedure of construction is specifically and expressly called for by the Contract Documents) or to safety precautions or programs incident thereto. The review and approval of a separate item as such will not indicate approval of the assembly in which the item functions.
3. The Engineer's review and approval shall not relieve the Contractor from responsibility for any variation from the requirements of the Contract Documents unless the Contractor has complied with the requirements of Paragraph 6.17.C.3 and the Engineer has given written approval of each such variation by specific written notation thereof incorporated in or accompanying the Shop Drawing or Sample. The Engineer's review and approval shall not relieve Contractor from responsibility for complying with the requirements of Paragraph 6.17.C.1.

E. Resubmittal Procedures

1. The Contractor shall make corrections required by the Engineer and shall return the required number of corrected copies of Shop Drawings and submit, as required, new Samples for review and approval. The Contractor shall direct specific attention in writing to revisions other than the corrections called for by the Engineer on previous submittals.

6.18 *Continuing the Work*

- A. The Contractor shall carry on the Work and adhere to the Progress Schedule during all disputes or disagreements with the Owner. No Work shall be delayed or postponed pending resolution of any disputes or disagreements, except as permitted by Paragraph 15.04 or as the Owner and Contractor may otherwise agree in writing.

6.19 *Contractor's General Warranty and Guarantee*

- A. The Contractor warrants and guarantees to the Owner that all Work shall be in accordance with the Contract Documents and will not be defective. The Engineer and its Related Entities shall be entitled to rely on representation of the Contractor's warranty and guarantee.
- B. The Contractor's warranty and guarantee hereunder excludes defects or damage caused by:
 - 1. Abuse, modification, or improper maintenance or operation by persons other than Contractor, Subcontractors, Suppliers, or any other individual or entity for whom the Contractor is responsible; or
 - 2. Normal wear and tear under normal usage.
- C. The Contractor's obligation to perform and complete the Work in accordance with the Contract Documents shall be absolute. None of the following will constitute an acceptance of Work that is not in accordance with the Contract Documents or a release of the Contractor's obligation to perform the Work in accordance with the Contract Documents:
 - 1. Observations by Engineer;
 - 2. Recommendation by Engineer or payment by Owner of any progress or final payment;
 - 3. The issuance of a certificate of Substantial Completion by the Engineer or any payment related thereto by the Owner;
 - 4. Use or occupancy of the Work or any part thereof by the Owner;
 - 5. Any review and approval of a Shop Drawing or Sample Submittal or the issuance of a Notice of Acceptability by the Engineer;
 - 6. Any inspection, test, or approval by others; or
 - 7. Any correction of defective Work by the Owner.

6.20 *Indemnification*

- A. To the fullest extent permitted by Laws and Regulations, the Contractor shall indemnify and hold harmless the Owner and the Engineer, and the officers, directors, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of Engineers, Architects, Attorneys, and other Professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to the performance of the Work, provided that any such claim, cost, loss, or damage is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself), including the loss of use resulting there from but only to the extent caused by any negligent act or omission of the Contractor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work or anyone for whose acts any of them may be liable.
- B. In any and all claims against the Owner or the Engineer or any of their respective consultants, agents, officers, directors, partners, or employees by any employee (or the survivor or personal representative of such employee) of the actor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, the indemnification obligation under Paragraph 6.20.A shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the Contractor or any such Subcontractor, Supplier, or other individual or entity under workers' compensation acts, disability benefit acts, or other employee benefit acts.

- C. The indemnification obligations of the Contractor under Paragraph 6.20.A shall not extend to the liability of the Engineer and the Engineer's officers, directors, partners, employees, agents, consultants and subcontractors arising out of:
 - 1. The preparation or approval of, or the failure to prepare or approve, maps, Drawings, opinions, reports, surveys, Change Orders, designs, or Specifications; or

6.21 *Delegation of Professional Design Services*

- A. The Contractor will not be required to provide Professional Design Services unless such services are specifically required by the Contract Documents for a portion of the Work or unless such services are required to carry out the Contractor's responsibilities for the construction means, methods, techniques, sequences and procedures. The Contractor shall not be required to provide Professional Services in violation of applicable law.
- B. If Professional Design Services or Certifications by a design professional related to systems, materials or equipment are specifically required of the Contractor by the Contract Documents, the Owner and the Engineer will specify all performance and design criteria that such services must satisfy. The Contractor shall cause such services or certifications to be provided by a properly licensed professional, whose signature and seal shall appear on all drawings, calculations, specifications, certifications, Shop Drawings and other submittals prepared by such professional. Shop Drawings and other submittals related to the Work designed or certified by such professional, if prepared by others, shall bear such professional's written approval when submitted to the Engineer.
- C. The Owner and the Engineer shall be entitled to rely upon the adequacy, accuracy and completeness of the services, certifications or approvals performed by such design professionals, provided the Owner and the Engineer have specified to the Contractor all performance and design criteria that such services must satisfy.
- D. Pursuant to this Paragraph 6.21, the Engineer's review and approval of design calculations and design drawings will be only for the limited purpose of checking for conformance with performance and design criteria given and the design concept expressed in the Contract Documents. The Engineer's review and approval of Shop Drawings and other submittals (except design calculations and design drawings) will be only for the purpose stated in Paragraph 6.17.D.1.
- E. The Contractor shall not be responsible for the adequacy of the performance or design criteria required by the Contract Documents.

ARTICLE 7 – OTHER WORK AT THE SITE

7.01 *Related Work at Site*

- A. The Owner may perform other work related to the Project at the Site with the Owner's employees or via other direct contracts therefore, or have other work performed by utility owners. If such other work is not noted in the Contract Documents, then:
 - 1. Written notice thereof will be given to the Contractor prior to starting any such other work; and
 - 2. If the Owner and Contractor are unable to agree on entitlement to or on the amount or extent, if any, of any adjustment in the Contract Price or Contract Times that should be allowed as a result of such other work, a Claim may be made therefore as provided in Paragraph 10.05.
- B. The Contractor shall afford each other Contractor who is a party to such a direct contract, each utility owner and the Owner, if the Owner is performing other work with the Owner's employees, proper and safe access to the Site, a reasonable opportunity for the introduction and storage of materials and equipment and the

execution of such other work, and shall properly coordinate the Work with theirs. Contractor shall do all cutting, fitting, and patching of the Work that may be required to properly connect or otherwise make its several parts come together and properly integrate with such other work. The Contractor shall not endanger any work of others by cutting, excavating, or otherwise altering their work and will only cut or alter their work with the written consent of the Engineer and the others whose work will be affected. The duties and responsibilities of the Contractor under this Paragraph are for the benefit of such utility owners and other Contractors to the extent that there are comparable provisions for the benefit of the Contractor in said direct contracts between the Owner and such utility owners and other Contractors.

- C. If the proper execution or results of any part of the Contractor's Work depends upon work performed by others under this Article 7, the Contractor shall inspect such other work and promptly report to the Engineer in writing any delays, defects, or deficiencies in such other work that render it unavailable or unsuitable for the proper execution and results of the Contractor's Work. The Contractor's failure to so report will constitute an acceptance of such other work as fit and proper for integration with the Contractor's Work except for latent defects and deficiencies in such other work.

7.02 *Coordination*

- A. If the Owner intends to contract with others for the performance of other work on the Project at the Site, the following will be set forth in the Supplementary Conditions:
 - 1. The individual or entity who will have authority and responsibility for coordination of the activities among the various Contractors will be identified;
 - 2. The specific matters to be covered by such authority and responsibility will be itemized; and
 - 3. The extent of such authority and responsibilities will be provided.
- B. Unless otherwise provided in the Supplementary Conditions, the Owner shall have sole authority and responsibility for such coordination.

7.03 *Legal Relationships*

- A. Paragraphs 7.01.A and 7.02 are not applicable for utilities not under the control of the Owner.
- B. Each other direct contract of the Owner under Paragraph 7.01.A shall provide that the other Contractor is liable to the Owner and the Contractor for the reasonable direct delay and disruption costs incurred by the Contractor as a result of the other contractor's inactions.
- C. The Contractor shall be liable to the Owner and any other Contractor for the reasonable direct delay and disruption costs incurred by such other Contractor as a result of the Contractor's actions or inactions.

ARTICLE 8 – OWNER'S RESPONSIBILITIES

8.01 *Communications to the Contractor*

- A. Except as otherwise provided in these General Conditions, the Owner shall issue all communications to the Contractor through the Construction Manager.

8.02 *Replacement of the Engineer*

- A. In the case of termination of the employment of the Engineer, the Owner shall appoint an Engineer to whom the Contractor makes no reasonable objection and whose status under the Contract Documents shall be that of the former Engineer.

8.03 *Furnish Data*

- A. The Owner shall promptly furnish the data required of the Owner under the Contract Documents.

8.04 *Pay When Due*

- A. The Owner shall make payments to the Contractor when they are due as provided in Paragraphs 14.02.C and 14.07.C.

8.05 *Lands and Easements; Reports and Tests*

- A. The Owner's duties in respect of providing lands and easements and providing Engineering Surveys to establish reference points are set forth in Paragraphs 4.01 and 4.05. Paragraph 4.02 refers to the Owner's identifying and making available to the Contractor copies of reports of explorations and tests of subsurface conditions and drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site that have been utilized by the Engineer in preparing the Contract Documents.

8.06 *Insurance*

- A. The Owner's responsibilities, if any, with respect to purchasing and maintaining liability and property insurance are set forth in Article 5.

8.07 *Change Orders*

- A. The owner is obligated to execute Change Orders as indicated in Paragraph 10.03.

8.08 *Inspections, Tests, and Approvals*

- A. The Owner's responsibility with respect to certain inspections, tests, and approvals is set forth in Paragraph 13.03.B.

8.09 *Limitations on the Owner's Responsibilities*

- A. The Owner shall not supervise, direct, or have control or authority over, nor be responsible for, the Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of the Contractor to comply with the Laws and Regulations applicable to the performance of the Work. The Owner will not be responsible for Contractor's failure to perform the Work in accordance with the Contract Documents.

8.10 *Undisclosed Hazardous Environmental Condition*

- A. The Owner's responsibility with respect to an undisclosed Hazardous Environmental Condition is set forth in Paragraph 4.06.

8.11 *Evidence of Financial Arrangements*

- A. If and to the extent the Owner has agreed to furnish the Contractor reasonable evidence that financial arrangements have been made to satisfy the Owner's obligations under the Contract Documents, the Owner's responsibility with respect thereof will be as set forth in the Supplementary Conditions.

ARTICLE 9 – ENGINEER’S STATUS DURING CONSTRUCTION

9.01 *Owner’s Representative*

- A. The Construction Manager also described elsewhere within the Contract Documents as the Engineer in charge during the construction phase will be the Owner’s representative during the construction period. The duties and responsibilities and the limitations of authority of the Engineer as the Owner’s representative during construction are set forth in the Contract Documents and will not be changed without the written consent of the Owner and the Engineer.

9.02 *Visits to Site*

- A. The Construction Manager will make visits to the Site at intervals appropriate to the various stages of construction as the Construction Manager deems necessary in order to observe as an experienced and Qualified Design Professional the progress that has been made and the quality of the various aspects of the Contractor’s executed Work. Based upon information obtained during such visits and observations, the Construction Manager, for the benefit of the Owner, will determine, in general, if the Work is proceeding in accordance with the Contract Documents. The Construction Manager will not be required to make exhaustive or continuous inspections on the Site to check the quality or quantity of the Work. The Construction Manager’s efforts will be directed toward providing for the Owner a greater degree of confidence that the completed Work will conform generally to the Contract Documents. On the basis of such visits and observations, the Construction Manager will keep the Owner informed of the progress of the Work and will endeavor to guard the Owner against defective Work.
- B. The Engineer’s visits and observations are subject to all the limitations on the Engineer’s authority and responsibility set forth in Paragraph 9.09. Particularly, but without limitation, during or as a result of the Engineer’s visits or observations of the Contractor’s Work the Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor’s means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of the Contractor to comply with Laws and Regulations applicable to the performance of the Work.

9.03 *Project Representative*

- A. The Engineer shall furnish a Resident Project Representative to assist the Engineer in providing more extensive observation of the Work. The authority and responsibilities of the Resident Project Representative and assistants will be as provided in the Supplementary Conditions, and limitations on the responsibilities thereof will be as provided in Paragraph 9.09. If Owner designates another representative or agent to represent Owner at the Site who is not Engineer’s consultant, agent or employee, the responsibilities and authority and limitations thereon of such other individual or entity will be as provided in the Supplementary Conditions.

9.04 *Authorized Variations in Work*

- A. The Engineer may authorize minor variations in the Work from the requirements of the Contract Documents which do not involve an adjustment in the Contract Price or the Contract Times and are compatible with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. These may be accomplished by a Field Order and will be binding on the Owner and also on the Contractor, who shall perform the Work involved promptly. If the Owner or the Contractor believes that a Field Order justifies an adjustment in the Contract Price or the Contract Times, or both, and the parties are unable to agree on entitlement to or on the amount or extent, if any, of any such adjustment, a Claim may be made therefore as provided in Paragraph 10.05.

9.05 *Rejecting Defective Work*

- A. The Engineer will have authority to reject Work which the Engineer believes to be defective, or that the Engineer believes will not produce a completed Project that conforms to the Contract Documents or that will prejudice the integrity of the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. The Engineer will also have authority to require special inspection or testing of the Work as provided in Paragraph 13.04, whether or not the Work is fabricated, installed, or completed.

9.06 *Shop Drawings, Change Orders and Payments*

- A. In connection with the Engineer's authority, and limitations thereof, as to Shop Drawings and Samples, see Paragraph 6.17.
- B. In connection with the Engineer's authority, and limitations thereof, as to design calculations and design drawings submitted in response to a delegation of Professional Design Services, if any, see Paragraph 6.21.
- C. In connection with the Engineer's authority as to Change Orders, see Articles 10, 11, and 12.
- D. In connection with the Engineer's authority as to Applications for Payment, see Article 14.

9.07 *Determinations for Unit Price Work*

- A. The Engineer will determine the actual quantities and classifications of Unit Price Work performed by the Contractor. The Engineer will review with the Contractor the Engineer's preliminary determinations on such matters before rendering a written decision thereon (by recommendation of an Application for Payment or otherwise). The Engineer's written decision thereon will be final and binding (except as modified by the Engineer to reflect changed factual conditions or more accurate data) upon the Owner and the Contractor, subject to the provisions of Paragraph 10.05.

9.08 *Decisions on Requirements of Contract Documents and Acceptability of Work*

- A. The Engineer will be the initial interpreter of the requirements of the Contract Documents and the judge of the acceptability of the Work there under. All matters in question and other matters between the Owner and the Contractor arising prior to the date final payment is due relating to the acceptability of the Work, and the interpretation of the requirements of the Contract Documents pertaining to the performance of the Work, will be referred initially to the Engineer in writing within **thirty (30) days** of the event giving rise to the question.
- B. The Engineer will, with reasonable promptness, render a written decision on the issue referred. If the Owner or the Contractor believes that any such decision entitles them to an adjustment in the Contract Price or the Contract Times or both, a Claim may be made under Paragraph 10.05. The date of the Engineer's decision shall be the date of the event giving rise to the issues referenced for the purposes of Paragraph 10.05.B.
- C. The Engineer's written decision on the issue referred will be final and binding on the Owner and the Contractor, subject to the provisions of Paragraph 10.05.
- D. When functioning as interpreter and judge under this Paragraph 9.08, the Engineer will not show partiality to the Owner or the Contractor and will not be liable in connection with any interpretation or decision rendered in good faith in such capacity.

9.09 *Limitations on Engineer's Authority and Responsibilities*

- A. Neither the Engineer's authority or responsibility under this Article 9 or under any other provision of the Contract Documents nor any decision made by the Engineer in good faith either to exercise or not exercise

such authority or responsibility or the undertaking, exercise, or performance of any authority or responsibility by the Engineer shall create, impose, or give rise to any duty in contract, tort, or otherwise owed by the Engineer to the Contractor, any Subcontractor, any Supplier, any other individual or entity, or to any surety for or employee or agent of any of them.

- B. The Engineer will not supervise, direct, control, or have authority over or be responsible for Contractor's means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or for any failure of the Contractor to comply with Laws and Regulations applicable to the performance of the Work. The Engineer will not be responsible for the Contractor's failure to perform the Work in accordance with the Contract Documents.
- C. The Engineer will not be responsible for the acts or omissions of the Contractor or of any Subcontractor, any Supplier, or of any other individual or entity performing any of the Work.
- D. The Engineer's review of the final Application for Payment and accompanying documentation and all maintenance and operating instructions, schedules, guarantees, bonds, certificates of inspection, tests and approvals, and other documentation required to be delivered by Paragraph 14.07.A will only be to determine generally that their content complies with the requirements of, and in the case of certificates of inspections, tests, and approvals that the results certified indicate compliance with the Contract Documents.
- E. The limitations upon authority and responsibility set forth in this Paragraph 9.09 shall also apply to the Resident Project Representative and assistants, if any.

ARTICLE 10 – CHANGES IN THE WORK; CLAIMS

10.01 *Authorized Changes in the Work*

- A. Without invalidating the Contract and without notice to any surety, the Owner may, subject to written approval by the Agency at any time or from time to time, order additions, deletions, or revisions in the Work by a Change Order, or a Work Change Directive. Upon receipt of any such document, the Contractor shall promptly proceed with the Work involved which will be performed under the applicable conditions of the Contract Documents (except as otherwise specifically provided).
- B. If the Owner and the Contractor are unable to agree on entitlement to, or on the amount or extent, if any, of an adjustment in the Contract Price or Contract Times, or both, that should be allowed as a result of a Work Change Directive, a Claim may be made therefore as provided in Paragraph 10.05.

10.02 *Unauthorized Changes in the Work*

- A. The Contractor shall not be entitled to an increase in the Contract Price or an extension of the Contract Times with respect to any work performed that is not required by the Contract Documents as amended, modified, or supplemented as provided in Paragraph 3.04, except in the case of an emergency as provided in Paragraph 6.16 or in the case of uncovering Work as provided in Paragraph 13.04.B.

10.03 *Execution of Change Orders*

- A. The Owner and the Contractor shall execute appropriate Change Orders recommended by the Engineer covering:
 - 1. Changes in the Work which are: (i) ordered by Owner pursuant to Paragraph 10.01.A, (ii) required because of acceptance of defective Work under Paragraph 13.08.A or the Owner's correction of defective Work under Paragraph 13.09, or (iii) agreed to by the parties;

2. Changes in the Contract Price or Contract Times which are agreed to by the parties, including any undisputed sum or amount of time for Work actually performed in accordance with a Work Change Directive; and
3. Changes in the Contract Price or Contract Times which embody the substance of any written decision rendered by the Engineer pursuant to Paragraph 10.05; provided that, in lieu of executing any such Change Order, an appeal may be taken from any such decision in accordance with the provisions of the Contract Documents and applicable Laws and Regulations, but during any such appeal, the Contractor shall carry on the Work and adhere to the Progress Schedule as provided in Paragraph 6.18.A.

10.04 *Notification to Surety*

- A. If notice of any change affecting the general scope of the Work or the provisions of the Contract Documents (including, but not limited to, Contract Price or Contract Times) is required by the provisions of any bond to be given to a surety, the giving of any such notice will be the Contractor's responsibility. The amount of each applicable bond will be adjusted to reflect the effect of any such change.

10.05 *Claims*

- A. *Construction Manager's Decision Required:* All Claims, except those waived pursuant to Paragraph 14.09, shall be referred to the Construction Manager for decision. A decision by the Construction Manager shall be required as a condition precedent to any exercise by the Owner or the Contractor of any rights or remedies either may otherwise have under the Contract Documents or by Laws and Regulations in respect of such Claims.
- B. *Notice:* Written notice stating the general nature of each Claim shall be delivered by the claimant to the Construction Manager and the other party to the Contract promptly (but in no event later than **thirty (30) days** after the start of the event giving rise thereto. The responsibility to substantiate a Claim shall rest with the party making the Claim. Notice of the amount or extent of the Claim, with supporting data shall be delivered to the Engineer and the other party to the Contract within **sixty (60) days** after the start of such event (unless the Engineer allows additional time for claimant to submit additional or more accurate data in support of such Claim). A Claim for an adjustment in the Contract Price shall be prepared in accordance with the provisions of Paragraph 12.01.B. A Claim for an adjustment in the Contract Time shall be prepared in accordance with the provisions of Paragraph 12.02.B. Each Claim shall be accompanied by the claimant's written statement that the adjustment claimed is the entire adjustment to which the claimant believes it is entitled as a result of said event. The opposing party shall submit any response to the Engineer and the claimant within **thirty (30) days** after receipt of the claimant's last submittal (unless the Engineer allows additional time).
- C. *Construction Manager's Action:* The Construction Manager will review each Claim and, within **thirty (30) days** after receipt of the last submittal of the claimant or the last submittal of the opposing party, if any, take one of the following actions in writing:
 1. Deny the Claim in whole or in part,
 2. Approve the Claim, or
 3. Notify the parties that the Construction Manager is unable to resolve the Claim if, in the Construction Manager's sole discretion, it would be inappropriate for the Construction Manager to do so. For purposes of further resolution of the Claim, such notice shall be deemed a denial.
- D. In the event that the Construction Manager does not take action on a Claim within said **thirty (30) days**, the Claim shall be deemed denied.

- E. The Construction Manager's written action under the Paragraph 10.05.C or denial pursuant to Paragraphs 10.05.C.3 or 10.05.D will be final and binding upon the Owner and the Contractor, unless the Owner or the Contractor invoke the dispute resolution procedure set forth in Article 16 within **thirty (30) days** of such action or denial.
- F. No Claim for an adjustment in Contract Price or Contract Times will be valid if not submitted in accordance with this Paragraph 10.05.

ARTICLE 11 – COST OF THE WORK; ALLOWANCES; UNIT PRICE WORK

11.01 *Cost of the Work*

- A. *Costs Included:* The term Cost of the Work means the sum of all costs, except those excluded in Paragraph 11.01.B, necessarily incurred and paid by the Contractor in the proper performance of the Work. When the value of any Work covered by a Change Order or when a Claim for an adjustment in Contract Price is determined on the basis of Cost of the Work, the costs to be reimbursed to the Contractor will be only those additional or incremental costs required because of the change in the Work or because of the event giving rise to the Claim. Except as otherwise may be agreed to in writing by the Owner, such costs shall be in amounts no higher than those prevailing in the locality of the Project, shall include only the following items, and shall not include any of the costs itemized in Paragraph 11.01.B.
 - 1. Payroll costs for employees in the direct employ of the Contractor in the performance of the Work under schedules of job classifications agreed upon by the Owner and the Contractor. Such employees shall include, without limitation, superintendents, foremen, and other personnel employed full time at the Site. Payroll costs for employees not employed full time on the Work shall be apportioned on the basis of their time spent on the Work. Payroll costs shall include, but not be limited to, salaries and wages plus the cost of fringe benefits, which shall include social security contributions, unemployment, excise, and payroll taxes, workers' compensation, health and retirement benefits, bonuses, sick leave, vacation and holiday pay applicable thereto. The expenses of performing Work outside of regular working hours, on Saturday, Sunday, or legal holidays, shall be included in the above to the extent authorized by the Owner.
 - 2. The Cost of all materials and equipment furnished and incorporated in the Work, including costs of transportation and storage thereof, and Suppliers' field services required in connection therewith. All cash discounts shall accrue to the Contractor unless the Owner deposits funds with the Contractor with which to make payments, in which case the cash discounts shall accrue to the Owner. All trade discounts, rebates and refunds and returns from sale of surplus materials and equipment shall accrue to the Owner, and the Contractor shall make provisions so that they may be obtained.
 - 3. Payments made by the Contractor to Subcontractors for Work performed by the Subcontractors. If required by the Owner, the Contractor shall obtain competitive bids from subcontractors acceptable to the Owner and the Contractor and shall deliver such bids to the Owner, who will then determine, with the advice of the Engineer, which bids, if any, will be acceptable. If any subcontract provides that the Subcontractor is to be paid on the basis of Cost of the Work plus a fee, the Subcontractor's Cost of the Work and fee shall be determined in the same manner as the Contractor's Cost of the Work and fee as provided in this Paragraph 11.01.
 - 4. Costs of special consultants (including but not limited to Engineers, Architects, Testing Laboratories, Surveyors, Attorneys, and Accountants) employed for services specifically related to the Work.
 - 5. Supplemental costs including the following:
 - a. The proportion of necessary transportation, travel, and subsistence expenses of the Contractor's employees incurred in discharge of duties connected with the Work.

- b. The Cost, including transportation and maintenance, of all materials, supplies, equipment, machinery, appliances, office, and temporary facilities at the Site, and hand tools not owned by the workers, which are consumed in the performance of the Work, and cost, less market value, of such items used but not consumed which remain the property of the Contractor.
- c. Rentals of all construction equipment and machinery, and the parts thereof whether rented from the Contractor or others in accordance with rental agreements approved by the Owner with the advice of Engineer, and the costs of transportation, loading, unloading, assembly, dismantling, and removal thereof. All such costs shall be in accordance with the terms of said rental agreements. The rental of any such equipment, machinery, or parts shall cease when the use thereof is no longer necessary for the Work.
- d. Sales, consumer, use, and other similar taxes related to the Work, and for which the Contractor is liable, imposed by Laws and Regulations.
- e. Deposits lost for causes other than negligence of the Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, and royalty payments and fees for permits and licenses.
- f. Losses and damages (and related expenses) caused by damage to the Work, not compensated by insurance or otherwise, sustained by the Contractor in connection with the performance of the Work (except losses and damages within the deductible amounts of property insurance established in accordance with Paragraph 5.06.D), provided such losses and damages have resulted from causes other than the negligence of the Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable. Such losses shall include settlements made with the written consent and approval of the Owner. No such losses, damages, and expenses shall be included in the Cost of the Work for the purpose of determining Contractor's fee.
- g. The cost of utilities, fuel, and sanitary facilities at the Site.
- h. Minor expenses such as telegrams, long distance telephone calls, telephone service at the Site, expressages, and similar petty cash items in connection with the Work.
- i. The costs of premiums for all bonds and insurance that the Contractor is required by the Contract Documents to purchase and maintain.

B. *Costs Excluded:* The term Cost of the Work shall not include any of the following items:

- 1. Payroll costs and other compensation of the Contractor's officers, executives, principals (of partnerships and sole proprietorships), general managers, safety managers, engineers, architects, estimators, attorneys, auditors, accountants, purchasing and contracting agents, expeditors, timekeepers, clerks, and other personnel employed by the Contractor, whether at the Site or in the Contractor's principal or branch office for general administration of the Work and not specifically included in the agreed upon schedule of job classifications referred to in Paragraph 11.01.A.1 or specifically covered by Paragraph 11.01.A.4, all of which are to be considered administrative costs covered by the Contractor's fee.
- 2. Expenses of the Contractor's principal and branch offices other than the Contractor's office at the Site.
- 3. Any part of the Contractor's capital expenses, including interest on the Contractor's capital employed for the Work and charges against the Contractor for delinquent payments.
- 4. Costs due to the negligence of the Contractor, any Subcontractor, or anyone directly or indirectly employed by any of them or for whose acts any of them may be liable, including but not limited to, the correction of defective Work, disposal of materials or equipment wrongly supplied, and making good any damage to property.

5. Other overhead or general expense costs of any kind and the costs of any item not specifically and expressly included in Paragraphs 11.01.A and 11.01.B.
- C. *Contractor's Fee:* When all the Work is performed on the basis of cost-plus, the Contractor's fee shall be determined as set forth in the Agreement. When the value of any Work covered by a Change Order or when a Claim for an adjustment in Contract Price is determined on the basis of Cost of the Work, the Contractor's fee shall be determined as set forth in Paragraph 12.01.C.
- D. *Documentation:* Whenever the Cost of the Work for any purpose is to be determined pursuant to Paragraphs 11.01.A and 11.01.B, the Contractor shall establish and maintain records thereof in accordance with generally accepted accounting practices and submit in a form acceptable to the Engineer an itemized cost breakdown together with supporting data.

11.02 Allowances

- A. It is understood that Contractor has included in the Contract Price all allowances so named in the Contract Documents and shall cause the Work so covered to be performed for such sums and by such persons or entities as may be acceptable to Owner and Engineer.
- B. *Cash Allowances:*
 1. The Contractor agrees that:
 - a. The cash allowances include the cost to the Contractor (less any applicable trade discounts) of materials and equipment required by the allowances to be delivered at the Site, and all applicable taxes; and
 - b. The Contractor's costs for unloading and handling on the Site, labor, installation, overhead, profit, and other expenses contemplated for the cash allowances have been included in the Contract Price and not in the allowances, and no demand for additional payment on account of any of the foregoing will be valid.
- C. *Contingency Allowance*
 1. The Contractor agrees that a contingency allowance, if any, is for the sole use of the Owner to cover unanticipated costs.
- D. Prior to final payment, an appropriate Change Order will be issued as recommended by the Engineer to reflect actual amounts due the Contractor on account of Work covered by allowances, and the Contract Price shall be correspondingly adjusted.

11.03 Unit Price Work

- A. Where the Contract Documents provide that all or part of the Work is to be Unit Price Work, initially the Contract Price will be deemed to include for all Unit Price Work an amount equal to the sum of the unit price for each separately identified item of Unit Price Work times the estimated quantity of each item as indicated in the Agreement.
- B. The estimated quantities of items of Unit Price Work are not guaranteed and are solely for the purpose of the Comparison of Bids and determining an initial Contract Price. Determinations of the actual quantities and classifications of Unit Price Work performed by the Contractor will be made by Engineer subject to the provisions of Paragraph 9.07.
- C. Each unit price will be deemed to include an amount considered by the Contractor to be adequate to cover Contractor's overhead and profit for each separately identified item.

- D. The Owner or the Contractor may make a Claim for an adjustment in the Contract Price in accordance with Paragraph 10.05 if:
1. The Bid price of a particular item of Unit Price Work amounts to more than five percent (5%) of the Contract Price and the variation in the quantity of that particular item of Unit Price Work performed by the Contractor differs by more than twenty-five percent (25%) from the estimated quantity of such item indicated in the Agreement; and
 2. There is no corresponding adjustment with respect to any other item of Work; and
 3. The Contractor believes that the Contractor is entitled to an increase in the Contract Price as a result of having incurred additional expense or the Owner believes that the Owner is entitled to a decrease in the Contract Price and the parties are unable to agree as to the amount of any such increase or decrease.

ARTICLE 12 – CHANGE OF CONTRACT PRICE; CHANGE OF CONTRACT TIMES

12.01 *Change of Contract Price*

- A. The Contract Price may only be changed by a Change Order. Any Claim for an adjustment in the Contract Price shall be based on written notice submitted by the party making the Claim to the Engineer and the other party to the Contract in accordance with the provisions of Paragraph 10.05.
- B. The value of any Work covered by a Change Order or of any Claim for an adjustment in the Contract Price will be determined as follows:
1. Where the Work involved is covered by unit prices contained in the Contract Documents, by application of such unit prices to the quantities of the items involved (subject to the provisions of Paragraph 11.03); or
 2. Where the Work involved is not covered by unit prices contained in the Contract Documents, by a mutually agreed lump sum (which may include an allowance for overhead and profit not necessarily in accordance with Paragraph 12.01.C.2); or
 3. Where the Work involved is not covered by unit prices contained in the Contract Documents and agreement to a lump sum is not reached under Paragraph 12.01.B.2, on the basis of the Cost of the Work (determined as provided in Paragraph 11.01) plus a Contractor's fee for overhead and profit (determined as provided in Paragraph 12.01.C).
- C. *Contractor's Fee:* The Contractor's fee for overhead and profit shall be determined as follows:
1. A mutually acceptable fixed fee; or
 2. If a fixed fee is not agreed upon, then a fee based on the following percentages of the various portions of the Cost of the Work:
 - a. For costs incurred under Paragraphs 11.01.A.1 and 11.01.A.2, the Contractor's fee shall be fifteen percent (15%);
 - b. For costs incurred under Paragraph 11.01.A.3, the Contractor's fee shall be five percent (5%);
 - c. Where one or more tiers of subcontracts are on the basis of Cost of the Work plus a fee and no fixed fee is agreed upon, the intent of Paragraph 12.01.C.2.a is that the Subcontractor who actually performs the Work, at whatever tier, will be paid a fee of fifteen percent (15%) of the costs incurred by such Subcontractor under Paragraphs 11.01.A.1 and 11.01.A.2 and that any higher tier

Subcontractor and Contractor will each be paid a fee of five percent (5%) of the amount paid to the next lower tier Subcontractor;

- d. No fee shall be payable on the basis of costs itemized under Paragraphs 11.01.A.4, 11.01.A.5, and 11.01.B;
- e. The amount of credit to be allowed by the Contractor to the Owner for any change which results in a net decrease in cost will be the amount of the actual net decrease in cost plus a deduction in the Contractor's fee by an amount equal to five percent (5%) of such net decrease; and
- f. When both additions and credits are involved in any one change, the adjustment in the Contractor's fee shall be computed on the basis of the net change in accordance with Paragraphs 12.01.C.2.a through 12.01.C.2.e, inclusive.

12.02 *Change of Contract Times*

- A. The Contract Times may only be changed by a Change Order. Any Claim for an adjustment in the Contract Times shall be based on written notice submitted by the party making the Claim to the Owner and the other party to the Contract in accordance with the provisions of Paragraph 10.05.
- B. Any adjustment of the Contract Times covered by a Change Order or any Claim for an adjustment in the Contract Times will be determined in accordance with the provisions of this Article 12.

12.03 *Delays*

- A. Where the Contractor is prevented from completing any part of the Work within the Contract Times due to delay beyond the control of the Contractor, the Contract Times will be extended in an amount equal to the time lost due to such delay if a Claim is made therefore as provided in Paragraph 12.02.A. Delays beyond the control of the Contractor shall include, but not be limited to, acts or neglect by the Owner, acts or neglect of utility owners or other Contractors performing other work as contemplated by Article 7, fires, floods, epidemics, abnormal weather conditions, or acts of God.
- B. If the Owner, Engineer, Construction Manager or other Contractors or utility owners performing other work for the Owner as contemplated by Article 7, or anyone for whom the Owner is responsible, delays, disrupts, or interferes with the performance or progress of the Work, then the Contractor shall be entitled to an equitable adjustment in the Contract Price or the Contract Times, or both. The Contractor's entitlement to an adjustment of the Contract Times is conditioned on such adjustment being essential to the Contractor's ability to complete the Work within the Contract Times.
- C. If the Contractor is delayed in the performance or progress of the Work by fire, flood, epidemic, abnormal weather conditions, acts of God, acts or failures to act of utility owners not under the control of the Owner, or other causes not the fault of and beyond control of the Owner and the Contractor, then the Contractor shall be entitled to an equitable adjustment in the Contract Times, if such adjustment is essential to the Contractor's ability to complete the Work within the Contract Times. Such an adjustment shall be the Contractor's sole and exclusive remedy for the delays described in this Paragraph 12.03.B.
- D. The Owner, the Engineer, Construction Manager and the Related Entities of each of them shall not be liable to the Contractor for any claims, costs, losses, or damages (including but not limited to all fees and charges of Engineers, Construction Managers, Architects, Attorneys, and other Professionals and all court or arbitration or other dispute resolution costs) sustained by the Contractor on or in connection with any other project or anticipated project.
- E. The Contractor shall not be entitled to an adjustment in the Contract Price or Contract Times for delays within the control of the Contractor. Delays attributable to and within the control of a Subcontractor or Supplier shall be deemed to be delays within the control of the Contractor.

ARTICLE 13 – TESTS AND INSPECTIONS; CORRECTION, REMOVAL OR ACCEPTANCE OF DEFECTIVE WORK

13.01 *Notice of Defects*

- A. Prompt notice of all defective Work of which the Owner or the Engineer has actual knowledge will be given to the Contractor. All defective Work may be rejected, corrected, or accepted as provided in this Article 13.

13.02 *Access to Work*

- A. The Owner, the Engineer, their consultants and other representatives and personnel of the Owner, independent testing laboratories, and governmental agencies with jurisdictional interests will have access to the Site and the Work at reasonable times for their observation, inspecting, and testing. The Contractor shall provide them proper and safe conditions for such access and advise them of the Contractor's Site safety procedures and programs so that they may comply therewith as applicable.

13.03 *Tests and Inspections*

- A. The Contractor shall give the Engineer timely notice of readiness of the Work for all required inspections, tests, or approvals and shall cooperate with inspection and testing personnel to facilitate required inspections or tests.
- B. The Owner shall employ and pay for the services of an independent testing laboratory to perform all inspections, tests, or approvals required by the Contract Documents except:
 - 1. For inspections, tests, or approvals covered by Paragraphs 13.03.C and 13.03.D below;
 - 2. That costs incurred in connection with tests or inspections conducted pursuant to Paragraph 13.04.B shall be paid as provided in said Paragraph 13.04.C; and
 - 3. As otherwise specifically provided in the Contract Documents.
- C. If Laws or Regulations of any public body having jurisdiction require any Work (or part thereof) specifically to be inspected, tested, or approved by an employee or other representative of such public body, the Contractor shall assume full responsibility for arranging and obtaining such inspections, tests, or approvals, pay all costs in connection therewith, and furnish the Engineer the required certificates of inspection or approval.
- D. The Contractor shall be responsible for arranging and obtaining and shall pay all costs in connection with any inspections, tests, or approvals required for the Owner's and the Engineer's acceptance of materials or equipment to be incorporated in the Work; or acceptance of materials, mix designs, or equipment submitted for approval prior to the Contractor's purchase thereof for incorporation in the Work. Such inspections, tests, or approvals shall be performed by organizations acceptable to the Owner and the Engineer.
- E. If any Work (or the work of others) that is to be inspected, tested, or approved is covered by the Contractor without written concurrence of the Engineer, it must, if requested by the Engineer, be uncovered for observation.
- F. Uncovering Work as provided in Paragraph 13.03.E shall be at the Contractor's expense unless the Contractor has given the Engineer timely notice of the Contractor's intention to cover the same and the Engineer has not acted with reasonable promptness in response to such notice.

13.04 *Uncovering Work*

- A. If any Work is covered contrary to the written request of the Engineer, it must, if requested by the Engineer, be uncovered for the Engineer's observation and replaced at the Contractor's expense.
- B. If the Engineer considers it necessary or advisable that covered Work be observed by the Engineer or inspected or tested by others, the Contractor, at the Engineer's request, shall uncover, expose, or otherwise make available for observation, inspection, or testing as the Engineer may require, that portion of the Work in question, furnishing all necessary labor, material, and equipment.
- C. If it is found that the uncovered Work is defective, the Contractor shall pay all claims, costs, losses, and damages (including but not limited to all fees and charges of Engineers, Architects, Attorneys, and other Professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such uncovering, exposure, observation, inspection, and testing, and of satisfactory replacement or reconstruction (including but not limited to all costs of repair or replacement of work of others); and the Owner shall be entitled to an appropriate decrease in the Contract Price. If the parties are unable to agree as to the amount thereof, the Owner may make a Claim therefore as provided in Paragraph 10.05.
- D. If, the uncovered Work is not found to be defective, Contractor shall be allowed an increase in the Contract Price or an extension of the Contract Times, or both, directly attributable to such uncovering, exposure, observation, inspection, testing, replacement, and reconstruction. If the parties are unable to agree as to the amount or extent thereof, the Contractor may make a Claim therefore as provided in Paragraph 10.05.

13.05 *Owner May Stop the Work*

- A. If the Work is defective, or the Contractor fails to supply sufficient skilled workers or suitable materials or equipment, or fails to perform the Work in such a way that the completed Work will conform to the Contract Documents, the Owner may order the Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated; however, this right of the Owner to stop the Work shall not give rise to any duty on the part of the Owner to exercise this right for the benefit of the Contractor, any Subcontractor, any Supplier, any other individual or entity, or any surety for, or employee or agent of any of them.

13.06 *Correction or Removal of Defective Work*

- A. Promptly after receipt of notice, the Contractor shall correct all defective Work, whether or not fabricated, installed, or completed, or, if the Work has been rejected by the Engineer, remove it from the Project and replace it with Work that is not defective. The Contractor shall pay all claims, costs, losses, and damages (including but not limited to all fees and charges of Engineers, Architects, Attorneys, and other Professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such correction or removal (including but not limited to all costs of repair or replacement of work of others).
- B. When correcting defective Work under the terms of this Paragraph 13.06 or Paragraph 13.07, the Contractor shall take no action that would void or otherwise impair the Owner's special warranty and guarantee, if any, on said Work.

13.07 *Correction Period*

- A. If within **one (1) year** after the date of Substantial Completion (or such longer period of time as may be prescribed by the terms of any applicable special guarantee required by the Contract Documents) or by any specific provision of the Contract Documents, any Work is found to be defective, or if the repair of any damages to the land or areas made available for Contractor's use by the Owner or permitted by Laws and Regulations as contemplated in Paragraph 6.11.A is found to be defective, the Contractor shall promptly, without cost to the Owner and in accordance with the Owner's written instructions:

1. Repair such defective land or areas; or
 2. Correct such defective Work; or
 3. If the defective Work has been rejected by the Owner, remove it from the Project and replace it with Work that is not defective, and
 4. Satisfactorily correct or repair or remove and replace any damage to other Work, to the work of others or other land or areas resulting there from.
- B. If the Contractor does not promptly comply with the terms of the Owner's written instructions, or in an emergency where delay would cause serious risk of loss or damage, the Owner may have the defective Work corrected or repaired or may have the rejected Work removed and replaced. All claims, costs, losses, and damages (including but not limited to all fees and charges of Engineers, Architects, Attorneys, and other Professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to such correction or repair or such removal and replacement (including but not limited to all costs of repair or replacement of work of others) will be paid by the Contractor.
- C. In special circumstances where a particular item of equipment is placed in continuous service before Substantial Completion of all the Work, the correction period for that item may start to run from an earlier date if so provided in the Specifications.
- D. Where defective Work (and damage to other Work resulting there from) has been corrected or removed and replaced under this Paragraph 13.07, the correction period hereunder with respect to such Work will be extended for an additional period of **one (1) year** after such correction or removal and replacement has been satisfactorily completed.
- E. The Contractor's obligations under this Paragraph 13.07 are in addition to any other obligation or warranty. The provisions of this Paragraph 13.07 shall not be construed as a substitute for or a waiver of the provisions of any applicable statute of limitation or repose.

13.08 *Acceptance of Defective Work*

- A. If, instead of requiring correction or removal and replacement of defective Work, Owner (and, prior to the Construction Manager's recommendation of final payment, the Construction Manager) prefers to accept it, the Owner may do so. The Contractor shall pay all claims, costs, losses, and damages (including but not limited to all fees and charges of Engineers, Construction Managers, Architects, Attorneys, and other Professionals and all court or arbitration or other dispute resolution costs) attributable to the Owner's evaluation of and determination to accept such defective Work (such costs to be approved by the Construction Manager as to reasonableness) and the diminished value of the Work to the extent not otherwise paid by the Contractor pursuant to this sentence. If any such acceptance occurs prior to the Construction Manager's recommendation of final payment, a Change Order will be issued incorporating the necessary revisions in the Contract Documents with respect to the Work, and the Owner shall be entitled to an appropriate decrease in the Contract Price, reflecting the diminished value of Work so accepted. If the parties are unable to agree as to the amount thereof, the Owner may make a Claim therefore as provided in Paragraph 10.05. If the acceptance occurs after such recommendation, an appropriate amount will be paid by the Contractor to the Owner.

13.09 *Owner May Correct Defective Work*

- A. If the Contractor fails within a reasonable time after written notice from the Engineer to correct defective Work or to remove and replace rejected Work as required by the Engineer in accordance with Paragraph 13.06.A, or if the Contractor fails to perform the Work in accordance with the Contract Documents, or if the Contractor fails to comply with any other provision of the Contract Documents, the Owner may, after **seven (7) days** written notice to the Contractor, correct or remedy any such deficiency.

- B. In exercising the rights and remedies under this Paragraph 13.09, the Owner shall proceed expeditiously. In connection with such corrective or remedial action, the Owner may exclude the Contractor from all or part of the Site, take possession of all or part of the Work and suspend the Contractor's services related thereto, take possession of the Contractor's tools, appliances, construction equipment and machinery at the Site, and incorporate in the Work all materials and equipment stored at the Site or for which the Owner has paid the Contractor but which are stored elsewhere. The Contractor shall allow the Owner, the Owner's representatives, agents and employees; the Owner's other Contractors, and the Engineer and the Engineer's Consultants access to the Site to enable the Owner to exercise the rights and remedies under this Paragraph.
- C. All claims, costs, losses, and damages (including but not limited to all fees and charges of Engineers, Architects, Attorneys, and other Professionals and all court or arbitration or other dispute resolution costs) incurred or sustained by the Owner in exercising the rights and remedies under this Paragraph 13.09 will be charged against the Contractor, and a Change Order will be issued incorporating the necessary revisions in the Contract Documents with respect to the Work; and the Owner shall be entitled to an appropriate decrease in the Contract Price. If the parties are unable to agree as to the amount of the adjustment, the Owner may make a Claim therefore as provided in Paragraph 10.05. Such claims, costs, losses and damages will include but not be limited to all costs of repair, or replacement of work of others destroyed or damaged by correction, removal, or replacement of the Contractor's defective Work.
- D. The Contractor shall not be allowed an extension of the Contract Times because of any delay in the performance of the Work attributable to the exercise by the Owner of the Owner's rights and remedies under this Paragraph 13.09.

ARTICLE 14 – PAYMENTS TO CONTRACTOR AND COMPLETION

14.01 *Schedule of Values*

- A. The Schedule of Values established as provided in Paragraph 2.07.A will serve as the basis for progress payments and will be incorporated into a form of Application for Payment acceptable to the Construction Manager. Progress payments on account of Unit Price Work will be based on the number of units completed.

14.02 *Progress Payments*

A. *Applications for Payments*

1. At least **twenty (20) days** before the date established in the Agreement for each progress payment (but not more often than once a month), the Contractor shall submit to the Construction Manager for review an Application for Payment filled out and signed by the Contractor covering the Work completed as of the date of the Application and accompanied by such supporting documentation as is required by the Contract Documents. If payment is requested on the basis of materials and equipment not incorporated in the Work but delivered and suitably stored at the Site or at another location agreed to in writing, the Application for Payment shall also be accompanied by a bill of sale, invoice, or other documentation warranting that the Owner has received the materials and equipment free and clear of all Liens and evidence that the materials and equipment are covered by appropriate property insurance or other arrangements to protect the Owner's interest therein, all of which must be satisfactory to the Owner.
2. Beginning with the second Application for Payment, each Application shall include an affidavit of the Contractor stating that all previous progress payments received on account of the Work have been applied on account to discharge the Contractor's legitimate obligations associated with prior Applications for Payment.
3. No payment will be made for any materials on hand which are furnished but not incorporated in the work.
4. The amount of retainage with respect to progress payments will be as stipulated in the Agreement.

B. Review of Applications

1. The Construction Manager will, within **ten (10) days** after receipt of each Application for Payment, either indicate in writing a recommendation of payment and present the Application to the Owner or return the Application to the Contractor indicating in writing the Construction Manager's reasons for refusing to recommend payment. In the latter case, the Contractor may make the necessary corrections and resubmit the Application.
2. The Construction Manager's recommendation of any payment requested in an Application for Payment will constitute a representation by the Construction Manager to the Owner, based on the Construction Manager's observations on the Site of the executed Work as an experienced and qualified design professional and on the Construction Manager's review of the Application for Payment and the accompanying data and schedules, that to the best of the Construction Manager's knowledge, information and belief:
 - a. The Work has progressed to the point indicated;
 - b. The quality of the Work is generally in accordance with the Contract Documents (subject to an evaluation of the Work as a functioning whole prior to or upon Substantial Completion, to the results of any subsequent tests called for in the Contract Documents, to a final determination of quantities and classifications for Unit Price Work under Paragraph 9.07, and to any other qualifications stated in the recommendation); and
 - c. The conditions precedent to the Contractor's being entitled to such payment appear to have been fulfilled in so far as it is the Construction Manager's responsibility to observe the Work.
3. By recommending any such payment the Construction Manager will not thereby be deemed to have represented that:
 - a. Inspections made to check the quality or the quantity of the Work as it has been performed have been exhaustive, extended to every aspect of the Work in progress, or involved detailed inspections of the Work beyond the responsibilities specifically assigned to the Construction Manager in the Contract Documents; or
 - b. That there may not be other matters or issues between the parties that might entitle the Contractor to be paid additionally by the Owner or entitle the Owner to withhold payment to the Contractor.
4. Neither the Construction Manager's review of the Contractor's Work for the purposes of recommending payments nor the Construction Manager's recommendation of any payment, including final payment, will impose responsibility on the Construction Manager:
 - a. To supervise, direct, or control the Work, or
 - b. For the means, methods, techniques, sequences, or procedures of construction, or the safety precautions and programs incident thereto, or
 - c. For the Contractor's failure to comply with Laws and Regulations applicable to the Contractor's performance of the Work, or
 - d. To make any examination to ascertain how or for what purposes the Contractor has used the moneys paid on account of the Contract Price, or
 - e. To determine that title to any of the Work, materials, or equipment has passed to the Owner free and clear of any Liens.

5. The Construction Manager may refuse to recommend the whole or any part of any payment if, in the Construction Manager's opinion, it would be incorrect to make the representations to the Owner stated in Paragraph 14.02.B.2. The Construction Manager may also refuse to recommend any such payment or, because of subsequently discovered evidence or the results of subsequent inspections or tests, revise or revoke any such payment recommendation previously made, to such extent as may be necessary in the Construction Manager's opinion to protect the Owner from loss because:
 - a. The Work is defective, or completed Work has been damaged, requiring correction or replacement;
 - b. The Contract Price has been reduced by Change Orders;
 - c. The Owner has been required to correct defective Work or complete Work in accordance with Paragraph 13.09; or
 - d. The Construction Manager has actual knowledge of the occurrence of any of the events enumerated in Paragraph 15.02.A.

C. Payment Becomes Due

1. **Ten (10) days** after presentation of the Application for Payment to Owner with Construction Manager's recommendation, the amount recommended will (subject to the provisions of Paragraph 14.02.D) become due, and when due will be paid by Owner to Contractor.

D. Reduction in Payment

1. The Owner may refuse to make payment of the full amount recommended by the Construction Manager because:
 - a. claims have been made against the Owner on account of the Contractor's performance or furnishing of the Work;
 - b. Liens have been filed in connection with the Work, except where the Contractor has delivered a specific bond satisfactory to the Owner to secure the satisfaction and discharge of such Liens;
 - c. The Contractor's performance or furnishing of the Work is inconsistent with funding Agency requirements;
 - d. There are other items entitling the Owner to a set-off against the amount recommended; or
 - e. The Owner has actual knowledge of the occurrence of any of the events enumerated in Paragraphs 14.02.B.5.a through 14.02.B.5.c or Paragraph 15.02.A.
2. If the Owner refuses to make payment of the full amount recommended by the Construction Manager, the Owner will give the Contractor immediate written notice (with a copy to the Construction Manager) stating the reasons for such action and promptly pay the Contractor any amount remaining after deduction of the amount so withheld. The Owner shall promptly pay the Contractor the amount so withheld, or any adjustment thereto agreed to by the Owner and the Contractor, when the Contractor corrects to the Owner's satisfaction the reasons for such action.
3. If it is subsequently determined that the Owner's refusal of payment was not justified, the amount wrongfully withheld shall be treated as an amount due as determined by Paragraph 14.02.C.1.

14.03 *Contractor's Warranty of Title*

- A. The Contractor warrants and guarantees that title to all Work, materials, and equipment covered by any Application for Payment, whether incorporated in the Project or not, will pass to the Owner no later than the time of payment free and clear of all Liens.

14.04 *Substantial Completion*

- A. When the Contractor considers the entire Work ready for its intended use the Contractor shall notify the Owner and the Construction Manager in writing that the entire Work is substantially complete (except for items specifically listed by the Contractor as incomplete) and request that the Construction Manager issue a certificate of Substantial Completion.
- B. Promptly after the Contractor's notification, the Owner, Agency, Contractor, and Construction Manager shall make a pre-final inspection of the Work to determine the status of completion. If the Construction Manager does not consider the Work substantially complete, the Construction Manager will notify the Contractor in writing giving the reasons therefore.
- C. If the Construction Manager considers the Work substantially complete, the Construction Manager will deliver to the Owner a Tentative Certificate of Substantial Completion which shall fix the date of Substantial Completion. There shall be attached to the certificate a tentative list of items to be completed or corrected before final payment. The Owner shall have **seven (7) days** after receipt of the Tentative Certificate during which to make written objection to the Construction Manager as to any provisions of the certificate or attached list. If, after considering such objections, the Construction Manager concludes that the Work is not substantially complete, the Construction Manager will within **fourteen (14) days** after submission of the Tentative Certificate to the Owner notify the Contractor in writing, stating the reasons therefore. If, after consideration of the Owner's objections, the Construction Manager considers the Work substantially complete, the Construction Manager will within said **fourteen (14) days** execute and deliver to the Owner and the Contractor a Definitive Certificate of Substantial Completion (with a revised tentative list of items to be completed or corrected) reflecting such changes from the tentative certificate as the Construction Manager believes justified after consideration of any objections from the Owner.
- D. At the time of delivery of the Tentative Certificate of Substantial Completion, the Construction Manager will deliver to the Owner and the Contractor a written recommendation as to division of responsibilities pending final payment between the Owner and the Contractor with respect to security, operation, safety, and protection of the Work, maintenance, heat, utilities, insurance, and warranties and guarantees. Unless the Owner and the Contractor agree otherwise in writing and so inform the Construction Manager in writing prior to the Construction Manager's issuing the Definitive Certificate of Substantial Completion, the Construction Manager's aforesaid recommendation will be binding upon the Owner and the Contractor until final payment.
- E. The Owner shall have the right to exclude the Contractor from the Site after the date of Substantial Completion subject to allowing the Contractor reasonable access to complete or correct items on the tentative list.

14.05 *Partial Utilization*

- A. Prior to the Substantial Completion of all the Work, the Owner may use or occupy any substantially completed part of the Work which has specifically been identified in the Contract Documents, or which the Owner, the Construction Manager, and the Contractor agree constitutes a separately functioning and usable part of the Work that can be used by the Owner for its intended purpose without significant interference with Contractor's performance of the remainder of the Work, subject to the following conditions.
 - 1. The Owner at any time may request the Contractor in writing to permit the Owner to use or occupy any such part of the Work which the Owner believes to be ready for its intended use and substantially

complete. If and when the Contractor agrees that such part of the Work is substantially complete, the Contractor will certify to the Owner and the Construction Manager that such part of the Work is substantially complete and request Construction Manager to issue a certificate of Substantial Completion for that part of the Work.

2. The Contractor at any time may notify the Owner and the Construction Manager in writing that the Contractor considers any such part of the Work ready for its intended use and substantially complete and request the Construction Manager to issue a certificate of Substantial Completion for that part of the Work.
3. Within a reasonable time after either such request, the Owner, the Contractor, and the Construction Manager shall make an inspection of that part of the Work to determine its status of completion. If the Construction Manager does not consider that part of the Work to be substantially complete, the Construction Manager will notify the Owner and the Contractor in writing giving the reasons therefore. If the Construction Manager considers that part of the Work to be substantially complete, the provisions of Paragraph 14.04 will apply with respect to Certification of Substantial Completion of that part of the Work and the division of responsibility in respect thereof and access thereto.
4. No use or occupancy or separate operation of part of the Work may occur prior to compliance with the requirements of Paragraph 5.10 regarding property insurance.

14.06 *Final Inspection*

- A. Upon written notice from the Contractor that the entire Work or an agreed portion thereof is complete, the Construction Manager will promptly make a final inspection with the Owner, the Agency, and the Contractor and will notify the Contractor in writing of all particulars in which this inspection reveals that the Work is incomplete or defective. The Contractor shall immediately take such measures as are necessary to complete such Work or remedy such deficiencies.

14.07 *Final Payment*

A. *Application for Payment*

1. After the Contractor has, in the opinion of the Construction Manager, satisfactorily completed all corrections identified during the final inspection and has delivered, in accordance with the Contract Documents, all maintenance and operating instructions, schedules, guarantees, bonds, certificates of inspection, marked-up record documents (as provided in Paragraph 6.12), and other documents, the Contractor may make application for final payment following the procedure for progress payments.
2. The final Application for Payment shall be accompanied (except as previously delivered) by:
 - a. All documentation called for in the Contract Documents, including but not limited to the evidence of insurance required by Paragraph 5.04.B.7;
 - b. Consent of the surety, if any, to final payment;
 - c. A list of all Claims against the Owner that the Contractor believes are unsettled; and
 - d. Complete and legally effective releases or waivers (satisfactory to the Owner) of all Lien rights arising out of or Liens filed in connection with the Work.
3. In lieu of the releases or waivers of Liens specified in Paragraph 14.07.A.2 and as approved by the Owner, the Contractor may furnish receipts or releases in full and an affidavit of Contractor that: (i) the releases and receipts include all labor, services, material, and equipment for which a Lien could be filed; and (ii) all payrolls, material and equipment bills, and other indebtedness connected with the Work for

which the Owner or the Owner's property might in any way be responsible have been paid or otherwise satisfied. If any Subcontractor or Supplier fails to furnish such a release or receipt in full, the Contractor may furnish a bond or other collateral satisfactory to the Owner to indemnify the Owner against any Lien.

B. Construction Manager's Review of Application and Acceptance

1. If, on the basis of the Construction Manager's observation of the Work during construction and final inspection, and the Construction Manager's review of the final Application for Payment and accompanying documentation as required by the Contract Documents, the Construction Manager is satisfied that the Work has been completed and the Contractor's other obligations under the Contract Documents have been fulfilled, the Construction Manager will, within **ten (10) days** after receipt of the final Application for Payment, indicate in writing the Construction Manager's recommendation of payment and present the Application for Payment to the Owner for payment. At the same time the Construction Manager will also give written notice to the Owner and the Contractor that the Work is acceptable subject to the provisions of Paragraph 14.09. Otherwise, the Construction Manager will return the Application for Payment to the Contractor, indicating in writing the reasons for refusing to recommend final payment, in which case the Contractor shall make the necessary corrections and resubmit the Application for Payment.

C. Payment Becomes Due

1. **Thirty-Five (35) days** after the presentation to Owner of the Application for Payment and accompanying documentation, the amount recommended by Construction Manager, less any sum Owner is entitled to set off against Construction Manager's recommendation, including but not limited to liquidated damages, will become due and will be paid by Owner to Contractor. The final payment of five percent (5%) of the value of work under this contract shall be made after acceptance of work by Owner, which will be made only by an action of the Board of Supervisors in session.

14.08 *Final Completion Delayed*

- A. If, through no fault of the Contractor, final completion of the Work is significantly delayed, and if the Construction Manager so confirms, the Owner shall, upon receipt of the Contractor's final Application for Payment (for Work fully completed and accepted) and recommendation of the Construction Manager, and without terminating the Contract, make payment of the balance due for that portion of the Work fully completed and accepted. If the remaining balance to be held by the Owner for Work not fully completed or corrected is less than the retainage stipulated in the Agreement, and if bonds have been furnished as required in Paragraph 5.01, the written consent of the surety to the payment of the balance due for that portion of the Work fully completed and accepted shall be submitted by the Contractor to the Construction Manager with the Application for such payment. Such payment shall be made under the terms and conditions governing final payment, except that it shall not constitute a waiver of Claims. The remaining balance of any sum included in the final Application for Payment but held by the Owner for Work not fully completed and accepted will become due when the Work is fully completed and accepted.

14.09 *Waiver of Claims*

- A. The making and acceptance of final payment will constitute:
 1. A waiver of all Claims by the Owner against the Contractor, except Claims arising from unsettled Liens, from defective Work appearing after final inspection pursuant to Paragraph 14.06, from failure to comply with the Contract Documents or the terms of any special guarantees specified therein, or from the Contractor's continuing obligations under the Contract Documents; and
 2. A waiver of all Claims by the Contractor against the Owner other than those previously made in accordance with the requirements herein and expressly acknowledged by the Owner in writing as still unsettled.

ARTICLE 15 – SUSPENSION OF WORK AND TERMINATION

15.01 *Owner May Suspend Work*

- A. At any time and without cause, the Owner may suspend the Work or any portion thereof for a period of not more than **ninety (90) consecutive days** by notice in writing to the Contractor and the Engineer which will fix the date on which Work will be resumed. The Contractor shall resume the Work on the date so fixed. The Contractor shall be granted an adjustment in the Contract Price or an extension of the Contract Times, or both, directly attributable to any such suspension if the Contractor makes a Claim therefore as provided in Paragraph 10.05.

15.02 *Owner May Terminate for Cause*

- A. The occurrence of any one or more of the following events will justify termination for cause:
1. The Contractor's persistent failure to perform the Work in accordance with the Contract Documents (including, but not limited to, failure to supply sufficient skilled workers or suitable materials or equipment or failure to adhere to the Progress Schedule established under Paragraph 2.07 as adjusted from time to time pursuant to Paragraph 6.04);
 2. The Contractor's disregard of Laws or Regulations of any public body having jurisdiction;
 3. The Contractor's disregard of the authority of the Construction Manager; or
 4. The Contractor's violation in any substantial way of any provisions of the Contract Documents.
- B. If one or more of the events identified in Paragraph 15.02.A occur, Owner may, after giving the Contractor (and surety) **seven (7) days** written notice of its intent to terminate the services of the Contractor:
1. Exclude the Contractor from the Site, and take possession of the Work and of all the Contractor's tools, appliances, construction equipment, and machinery at the Site, and use the same to the full extent they could be used by the Contractor (without liability to the Contractor for trespass or conversion),
 2. Incorporate in the Work all materials and equipment stored at the Site or for which the Owner has paid the Contractor but which are stored elsewhere, and
 3. Complete the Work as the Owner may deem expedient.
- C. If the Owner proceeds as provided in Paragraph 15.02.B, the Contractor shall not be entitled to receive any further payment until the Work is completed. If the unpaid balance of the Contract Price exceeds all claims, costs, losses, and damages (including but not limited to all fees and charges of Engineers, Architects, Attorneys, and other Professionals and all court or arbitration or other dispute resolution costs) sustained by the Owner arising out of or relating to completing the Work, such excess will be paid to the Contractor. If such claims, costs, losses, and damages exceed such unpaid balance, the Contractor shall pay the difference to the Owner. Such claims, costs, losses, and damages incurred by the Owner will be reviewed by the Engineer as to their reasonableness and, when so approved by the Engineer, incorporated in a Change Order. When exercising any rights or remedies under this Paragraph the Owner shall not be required to obtain the lowest price for the Work performed.
- D. Notwithstanding Paragraphs 15.02.B and 15.02.C, the Contractor's services will not be terminated if the Contractor begins within **seven (7) days** of receipt of notice of intent to terminate to correct its failure to perform and proceeds diligently to cure such failure within no more than **thirty (30) days** of receipt of said notice.

- E. Where the Contractor's services have been so terminated by the Owner, the termination will not affect any rights or remedies of the Owner against the Contractor then existing or which may thereafter accrue. Any retention or payment of moneys due the Contractor by the Owner will not release the Contractor from liability.
- F. If and to the extent that the Contractor has provided a performance bond under the provisions of Paragraph 5.01.A, the termination procedures of that bond shall supersede the provisions of Paragraphs 15.02.B, and 15.02.C.

15.03 *Owner May Terminate For Convenience*

- A. Upon **seven (7) days** written notice to the Contractor and the Engineer, the Owner may, without cause and without prejudice to any other right or remedy of the Owner, terminate the Contract. In such case, the Contractor shall be paid for (without duplication of any items):
 - 1. Completed and acceptable Work executed in accordance with the Contract Documents prior to the effective date of termination, including fair and reasonable sums for overhead and profit on such Work;
 - 2. Expenses sustained prior to the effective date of termination in performing services and furnishing labor, materials, or equipment as required by the Contract Documents in connection with uncompleted Work, plus fair and reasonable sums for overhead and profit on such expenses;
 - 3. All claims, costs, losses, and damages (including but not limited to all fees and charges of Engineers, Architects, Attorneys, and other Professionals and all court or arbitration or other dispute resolution costs) incurred in settlement of terminated contracts with Subcontractors, Suppliers, and others; and
 - 4. Reasonable expenses directly attributable to termination.
- B. The Contractor shall not be paid on account of loss of anticipated profits or revenue or other economic loss arising out of or resulting from such termination.

15.04 *Contractor May Stop Work or Terminate*

- A. If, through no act or fault of the Contractor, (i) the Work is suspended for more than **ninety (90) consecutive days** by the Owner or under an order of court or other public authority, or (ii) the Engineer fails to act on any Application for Payment within **thirty (30) days** after it is submitted, or (iii) the Owner fails for **thirty (30) days** to pay the Contractor any sum finally determined to be due, then the Contractor may, upon **seven (7) days** written notice to the Owner and the Engineer, and provided the Owner or the Engineer do not remedy such suspension or failure within that time, terminate the Contract and recover from the Owner payment on the same terms as provided in Paragraph 15.03.
- B. In lieu of terminating the Contract and without prejudice to any other right or remedy, if the Engineer has failed to act on an Application for Payment within **thirty (30) days** after it is submitted, or the Owner has failed for **thirty (30) days** to pay the Contractor any sum finally determined to be due, the Contractor may, **seven (7) days** after written notice to the Owner and the Engineer, stop the Work until payment is made of all such amounts due the Contractor, including interest thereon. The provisions of this Paragraph 15.04 are not intended to preclude the Contractor from making a Claim under Paragraph 10.05 for an adjustment in Contract Price or Contract Times or otherwise for expenses or damage directly attributable to the Contractor's stopping the Work as permitted by this Paragraph.

ARTICLE 16 – DISPUTE RESOLUTION

16.01 *Methods and Procedures*

- A. The Owner and the Contractor may mutually request mediation of any Claim submitted to the Engineer for a decision under Paragraph 10.05 before such decision becomes final and binding. The mediation will be governed by the Construction Industry Mediation Rules of the American Arbitration Association in effect as of the Effective Date of the Agreement. The request for mediation shall be submitted in writing to the American Arbitration Association. Timely submission of the request shall stay the effect of Paragraph 10.05.E.
- B. The Owner and the Contractor shall participate in the mediation process in good faith. The process shall be concluded within **sixty (60) days** of filing of the request. The date of termination of the mediation shall be determined by application of the mediation rules referenced above.
- C. If the claim is not resolved by mediation, the Engineer's action under Paragraph 10.05.C or a denial pursuant to Paragraphs 10.05.C.3 or 10.05.D shall become final and binding **thirty (30) days** after termination of the mediation unless, within that time period, the Owner or the Contractor:
 - 1. Elects in writing to invoke any dispute resolution process provided for in the Supplementary Conditions, or
 - 2. Agrees with the other party to submit the Claim to another dispute resolution process, or
 - 3. Gives written notice to the other party of their intent to submit the Claim to a court of competent jurisdiction.

ARTICLE 17 – MISCELLANEOUS

17.01 *Giving Notice*

- A. Whenever any provision of the Contract Documents requires the giving of written notice, it will be deemed to have been validly given if:
 - 1. Delivered in person to the individual or to a member of the firm or to an officer of the corporation for whom it is intended, or
 - 2. Delivered at or sent by registered or certified mail, postage prepaid, to the last business address known to the giver of the notice.

17.02 *Computation of Times*

- A. When any period of time is referred to in the Contract Documents by days, it will be computed to exclude the first and include the last day of such period. If the last day of any such period falls on a Saturday or Sunday or on a day made a legal holiday by the law of the applicable jurisdiction, such day will be omitted from the computation.

17.03 *Cumulative Remedies*

- A. The duties and obligations imposed by these General Conditions and the rights and remedies available hereunder to the parties hereto are in addition to, and are not to be construed in any way as a limitation of, any rights and remedies available to any or all of them which are otherwise imposed or available by Laws or Regulations, by special warranty or guarantee, or by other provisions of the Contract Documents. The provisions of this Paragraph will be as effective as if repeated specifically in the Contract Documents in connection with each particular duty, obligation, right, and remedy to which they apply.

17.04 *Survival of Obligations*

- A. All representations, indemnifications, warranties, and guarantees made in, required by, or given in accordance with the Contract Documents, as well as all continuing obligations indicated in the Contract Documents, will survive final payment, completion, and acceptance of the Work or termination or completion of the Contract or termination of the services of the Contractor.

17.05 *Controlling Law*

- A. This Contract is to be governed by the law of the State of California.

17.06 *Headings*

- A. Article and paragraph headings are inserted for convenience only and do not constitute parts of these General Conditions.

ARTICLE 18 – FEDERAL REQUIREMENTS

18.01 *Agency Not a Party*

- A. This Contract is expected to be funded in part with funds provided by the Agency. Neither the Agency, nor any of its departments, entities, or employees is a party to this Contract.

18.02 *Contract Approval*

- A. The Owner and the Contractor will furnish the Owner's attorney such evidence as required so that the Owner's attorney can complete and execute the following "Certificate of Owner's Attorney" (Exhibit GC-A) before the Owner submits the executed Contract Documents to the Agency for approval.
- B. Concurrence by Agency in the award of the Contract is required before the Contract is effective.

18.03 *Conflict of Interest*

- A. The Contractor may not knowingly contract with a supplier or manufacturer if the individual or entity who prepared the plans and specifications has a corporate or financial affiliation with the supplier or manufacturer.
- B. The Owner's officers, employees, or agents shall not engage in the award or administration of this Contract if a conflict of interest, real or apparent, would be involved. Such a conflict would arise when: (i) the employee, officer or agent; (ii) any member of their immediate family; (iii) their partner or (iv) an organization that employs, or is about to employ, any of the above, has a financial interest in the Contractor. The Owner's officers, employees, or agents shall neither solicit nor accept gratuities, favors or anything of monetary value from the Contractor or subcontractors.

18.04 *Gratuities*

- A. If the Owner finds after a notice and hearing that the Contractor, or any of the Contractor's agents or representatives, offered or gave gratuities (in the form of entertainment, gifts, or otherwise) to any official, employee, or agent of the Owner or the Agency in an attempt to secure this Contract or favorable treatment in awarding, amending, or making any determinations related to the performance of this Contract, the Owner may, by written notice to the Contractor, terminate this Contract. The Owner may also pursue other rights and remedies that the law or this Contract provides. However, the existence of the facts on which the Owner bases such findings shall be an issue and may be reviewed in proceedings under the dispute resolution provisions of this Contract.

- B. In the event this Contract is terminated as provided in paragraph 18.04.A, the Owner may pursue the same remedies against the Contractor as it could pursue in the event of a breach of this Contract by the Contractor. As a penalty, in addition to any other damages to which it may be entitled by law, the Owner may pursue exemplary damages in an amount (as determined by the Owner) which shall not be less than three (3) nor more than ten (10) times the costs the Contractor incurs in providing any such gratuities to any such officer or employee.

18.05 *Audit and Access to Records*

- A. For all negotiated contracts and negotiated modifications (except those of \$10,000 or less), the Owner, the Agency, the Controller General, or any of their duly authorized representatives, shall have access to any books, documents, papers, and records of the Contractor, which are pertinent to the Contract, for the purpose of making audits, examinations, excerpts and transcriptions. The Contractor shall maintain all required records for **three (3) years** after final payment is made and all other pending matters are closed.

18.06 *Small, Minority and Women's Businesses*

- A. If the Contractor intends to let any subcontracts for a portion of the work, the Contractor shall take affirmative steps to assure that small, minority and women's businesses are used when possible as sources of supplies, equipment, construction, and services. Affirmative steps shall consist of: (1) including qualified small, minority and women's businesses on solicitation lists; (2) assuring that small, minority and women's businesses are solicited whenever they are potential sources; (3) dividing total requirements when economically feasible, into small tasks or quantities to permit maximum participation of small, minority, and women's businesses; (4) establishing delivery schedules, where the requirements of the work permit, which will encourage participation by small, minority and women's businesses; (5) using the services and assistance of the Small Business Administration and the Minority Business Development Agency of the U.S. Department of Commerce; (6) requiring each party to a subcontract to take the affirmative steps of this section; and (7) the Contractor is encouraged to procure goods and services from labor surplus area firms.

18.07 *Anti-Kickback*

- A. The Contractor shall comply with the Copeland Anti-Kickback Act (18 USC 874 and 40 USC 276c) as supplemented by Department of Labor regulations (29 CFR Part 3, "Contractors and Subcontractors on Public Buildings or Public Works Financed in Whole or in Part by Loans or Grants of the United States"). The Act provides that the Contractor or subcontractor shall be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public facilities, to give up any part of the compensation to which they are otherwise entitled. The Owner shall report all suspected or reported violations to the Agency.

18.08 *Clean Air and Pollution Control Acts*

- A. If this Contract exceeds **\$100,000**, Contractor shall comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 USC 7401 *et seq.*) and the Federal Water Pollution Control Act as amended (33 USC 1251 *et seq.*). Contractor will report violations to the Agency and the Regional Office of the EPA.

18.09 *State Energy Policy*

- A. The Contractor shall comply with the Energy Policy and Conservation Act (P.L. 94-163). Mandatory standards and policies relating to energy efficiency, contained in any applicable State Energy Conservation Plan, shall be utilized.

18.10 *Equal Opportunity Requirements*

- A. If this Contract exceeds **\$10,000**, the Contractor shall comply with Executive Order 11246, “Equal Employment Opportunity,” as amended by Executive Order 11375, “Amending Executive Order 11246 Relating to Equal Employment Opportunity,” and as supplemented by regulations at 41 CFR Part 60, “Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor.”
- B. Contractor’s compliance with Executive Order 11246 shall be based on its implementation of the Equal Opportunity Clause, specific affirmative action obligations required by the Standard Federal Equal Employment Opportunity Construction Contract Specifications, as set forth in 41 CFR Part 60-4 and its efforts to meet the goals established for the geographical area where the Contract is to be performed. The hours of minority and female employment and training must be substantially uniform throughout the length of the Contract, and in each trade, and the Contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project for the sole purpose of meeting the Contractor’s goals shall be a violation of the Contract, the Executive Order, and the regulations in 41 CFR Part 60-4. Compliance with the goals will be measured against the total work hours performed.
- C. The Contractor shall provide written notification to the Director of the Office of Federal Contract Compliance Programs within **ten (10) working days** of award of any construction subcontract in excess of **\$10,000** at any tier for construction work under the Contract resulting from this solicitation. The notification shall list the name, address, and telephone number of the subcontractor; employer identification number; estimated dollar amount of subcontract; estimated starting and completion dates of the subcontract; and the geographical area in which the Contract is to be performed.

18.11 *Restrictions on Lobbying*

- A. The Contractor and each subcontractor shall comply with Restrictions on Lobbying (Public Law 101-121, Section 349) as supplemented by applicable Agency regulations. This Law applies to the recipients of contracts and subcontracts that exceed **\$100,000** at any tier under a Federal loan that exceeds **\$150,000** or a Federal grant that exceeds **\$100,000**. If applicable, the Contractor must complete a certification form on lobbying activities related to a specific Federal loan or grant that is a funding source for this Contract. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 34 USC 1354. Each tier shall disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Certifications and disclosures are forwarded from tier to tier up to the Owner. Necessary certification and disclosure forms shall be provided by the Owner.

18.12 *Environmental Requirements*



- A. When constructing a project involving trenching and/or other related earth excavations, the Contractor shall comply with the following environmental constraints:
 - 1. *Wetlands* – When disposing of excess, spoil, or other construction materials on public or private property, the Contractor shall not fill in or otherwise convert wetlands.
 - 2. *Floodplains* – When disposing of excess, spoil, or other construction materials on public or private property, the Contractor shall not fill in or otherwise convert one-hundred (100) year floodplain areas delineated on the latest Federal Emergency Management Agency Floodplain Maps, or other appropriate maps, i.e., alluvial soils on NRCS Soil Survey Maps.
 - 3. *Historic Preservation* – Any excavation by the Contractor that uncovers an historical or archaeological artifact shall be immediately reported to the Owner and a representative of the Agency. Construction shall

be temporarily halted pending the notification process and further directions issued by the Agency after consultation with the State Historic Preservation Officer (SHPO).

4. *Endangered Species* – The Contractor shall comply with the Endangered Species Act, which provides for the protection of endangered and/or threatened species and critical habitat. Should any evidence of the presence of endangered and/or threatened species or their critical habitat be brought to the attention of the Contractor, the Contractor will immediately report this evidence to the Owner and a representative of the Agency. Construction shall be temporarily halted pending the notification process and further directions issued by the Agency after consultation with the U.S. Fish and Wildlife Service.

00810 PROJECT SIGN

- Below is a typical project identity sign to include the project identity, credit to the State and/or Federal grant agencies and the awarding agency.
- Below is a typical contractor's identity sign.

<p>THIS PROJECT IS ADMINISTERED BY THE COUNTY OF IMPERIAL, WITH FUNDING FROM THE CALIFORNIA DEPARTMENT OF HOUSING & COMMUNITY DEVELOPMENT'S (HCD) COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG) PROGRAM</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>IMPERIAL COUNTY 940 W. Main Street, Suite 203 El Centro, CA 92243 (760) 482-4900</p> </div> <div style="text-align: center;">  </div> </div>	<p>CONTRACTOR'S NAME BUSINESS ADDRESS BUSINESS PHONE # STATE CONTRACTOR'S LICENSE # EMERGENCY AFTER HOURS #</p> <p>In case of an emergency, please dial 911.</p>
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- Project identity sign to be placed on white background with black lettering.
- Provide and install logos.
- Both signs may be incorporated into one sign 8' x 4'.
- Contractor's identity sign to be placed on white background with black lettering.
- Provide art work and logo.
- Sign to measure a minimum 36" wide and 36" high

00820 CONTRACTOR’S APPLICATION FOR PAYMENT NO. _____

	Application Period:	Application Date:
To (Owner): County of Imperial	From (Contractor):	Via (Construction Manager) TBD
Project: Poe Colonia Wastewater Treatment Plant Improvements	Contract:	
Owner's Contract No.:	Contractor's Project No.:	Engineer's Project No.: 016-0039

APPLICATION FOR PAYMENT

Change Order Summary

Approved Change Orders			1. ORIGINAL CONTRACT PRICE	\$ _____
Number	Additions	Deductions	2. Net change by Change Orders	\$ _____
			3. CURRENT CONTRACT PRICE (Line 1 ± 2)	\$ _____
			4. TOTAL COMPLETED AND STORED TO DATE	
			(Column F on Progress Estimate)	\$ _____
			5. RETAINAGE:	
			a. % x \$ Work Completed.....	\$ _____
			b. % x \$ Stored Material	\$ _____
			c. Total Retainage (Line 5a + Line 5b)	\$ _____
			6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c)	\$ _____
TOTALS			7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)	\$ _____
			8. AMOUNT DUE THIS APPLICATION.....	\$ _____
NET CHANGE CHANGE ORDERS			9. BALANCE TO FINISH, PLUS RETAINAGE	
			(Column G on Progress Estimate + Line 5 above)	\$ _____

CONTRACTOR’S CERTIFICATION

The undersigned Contractor certifies that: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

By:	Date:
-----	-------

Payment of:	\$ _____	(Line 8 or other - attach explanation of other amount)
is recommended by:	_____	_____ (Date)
	(Engineer)	
Payment of:	\$ _____	(Line 8 or other - attach explanation of other amount)
is approved by:	_____	_____ (Date)
	(Owner)	
Approved by:	_____	_____ (Date)
	Funding Agency (if applicable)	

PROGRESS ESTIMATE APPLICATION

Poe Colonia WWTP Improvements

CONTRACTOR'S

For (contract):						Application Number:		
Application Period:						Application Date:		
A		B	Work Completed		E	F		G
Item		Scheduled Value	C	D	Materials Presently Stored (not in C or D)	Total Completed and Stored to Date (C + D + E)	% <u>(F)</u> B	Balance to Finish (B - F)
Specification Section No.	Description		From Previous Application (C + D)	This Period				
	TOTALS							

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00820-3

STORED MATERIAL SUMMARY

CONTRACTOR'S APPLICATION

For (contract):						Application Number:			
Application Period:						Application Date:			
A	B	C	D		E		F		G
Invoice No.	Shop Drawing Transmittal No.	Materials Description	Stored Previously		Stored this Month		Incorporated in Work		Materials Remaining in Storage (\$) (D + E – F)
			Date (Month/Year)	Amount (\$)	Amount (\$)	Subtotal	Date (Month/Year)	Amount (\$)	
		TOTALS							

00830 CHANGE ORDER FORM

No. _____

Date of Issuance: _____

Effective Date: _____

Project:
Poe Colonia Wastewater Treatment Plant Improvements

Owner:
County of Imperial

Owner's Contract No.:
ICCED-009

Contract:

Date of Contract:

Contractor:

Engineer's Project No.:
5426 POE

The Contract Documents are modified as follows upon execution of this Change Order:

Description:

Attachments: (List documents supporting change):

CHANGE IN CONTRACT PRICE:

CHANGE IN CONTRACT TIMES:

Original Contract Price:

Original Contract ☐ Working days ☐ Calendar days

\$ _____

Substantial completion (days or date): _____

Ready for final payment (days or date): _____

[Increase] [Decrease] from previously approved Change Orders No. _____ to No. _____:

[Increase] [Decrease] from previously approved Change Orders No. _____ to No. _____:

\$ _____

Substantial completion (days): _____

Ready for final payment (days): _____

Contract Price prior to this Change Order:

Contract Times prior to this Change Order:

\$ _____

Substantial completion (days or date): _____

Ready for final payment (days or date): _____

[Increase] [Decrease] of this Change Order:

[Increase] [Decrease] of this Change Order:

\$ _____

Substantial completion (days or date): _____

Ready for final payment (days or date): _____

Contract Price incorporating this Change Order:

Contract Times with all approved Change Orders:

\$ _____

Substantial completion (days or date): _____

Ready for final payment (days or date): _____

RECOMMENDED:

ACCEPTED:

ACCEPTED:

By: _____
Engineer (Authorized Signature)

By: _____
Owner (Authorized Signature)

By: _____
Contractor (Authorized Signature)

Date: _____

Date: _____

Date: _____

Approved by Funding Agency (if applicable):

Date: _____

Date: _____

CHANGE ORDER INSTRUCTIONS

A. General Information

This document was developed to provide a uniform format for handling contract changes that affect Contract Price or Contract Times. Changes that have been initiated by a Work Change Directive must be incorporated into a subsequent Change Order if they affect Price or Times.

Changes that affect Contract Price or Contract Times should be promptly covered by a Change Order. The practice of accumulating Change Orders to reduce the administrative burden may lead to unnecessary disputes.

If Milestones have been listed in the Agreement, any effect of a Change Order thereon should be addressed.

For supplemental instructions and minor changes not involving a change in the Contract Price or Contract Times, a Field Order should be used.

B. Completing the Change Order Form

Engineer normally initiates the form, including a description of the changes involved and attachments based upon documents and proposals submitted by Contractor, or requests from Owner, or both.

Once Engineer has completed and signed the form, all copies should be sent to Owner or Contractor for approval, depending on whether the Change Order is a true order to the Contractor or the formalization of a negotiated agreement for a previously performed change. After approval by one contracting party, all copies should be sent to the other party for approval. Engineer should make distribution of executed copies after approval by both parties.

If a change only applies to price or to times, cross out the part of the tabulation that does not apply.

SECTION 01070 - ABBREVIATIONS

PART 1 - GENERAL

1.01 DESCRIPTION

- A. Wherever in these Contract Documents the following abbreviations or acronyms are used, they shall have the meanings indicated as follows:

1.02 ABBREVIATIONS AND ACRONYMS

AA	Aluminum Association
AAMA	Architectural Aluminum Manufacturer's Association
AASHTO	American Association of the State Highway and Transportation Officials
A2LA	American Association of Laboratory Accreditation
A.C.	Asphalt Concrete
ACI	American Concrete Institute
ADWR	California Division of Water Resources
AGC	Associated General Contractors
AGMA	American Gear Manufacturer's Association
AI	The Asphalt Institute
AIA	American Institute of Architects
AISC	American Institute of Steel Construction
AISI	American Iron and Steel Institute
AITC	American Institute of Timber Construction
AMCA	Air Moving and Conditioning Association
ANSI	American National Standards Institute, Inc.
AOS	Apparent Opening Size
APA	American Plywood Association
API	American Petroleum Institute
APN	Assessor's Parcel Number
APWA	American Public Works Association
ASA	Acoustical Society of America
ASAE	American Society of Agriculture Engineers
ASCE	American Society of Civil Engineers
ASHRAE	American Society of Heating, Refrigerating and Air Conditioning Engineers
ASLE	American Society of Lubricating Engineers
ASME	American Society of Mechanical Engineers
ASQC	American Society for Quality Control
ASSE	American Society of Sanitary Engineers
ASTM	American Society for Testing and Materials
AWPA	American Society for Preservers Association
AWPI	American Wood Preservers Institute
AWS	American Welding Society
AWWA	American Water Works Association
BHMA	Builders Hardware Manufacturer's Association
CBC	California Building Code
CBR	California Bearing Ratio
CDX	Apa Rated Plywood Sheathing Exposure
CGA	Compressed Gas Association
CLFMI	Chain Link Fence Manufacturer's Institute
CMA	Concrete Masonry Association
CRSI	Concrete Reinforcing Steel Institute
ETL	Electrical Test Laboratories
ETL	Extract, Transform Load
EPDM	Ethylene Propylene Diene M-Class

ABBREVIATIONS

01070-1

FHWA	Federal Highway Administration
GAI	Geosynthetic Accreditation Institute
GCP	Construction General Permit
GPM	Gallons per Minute
GRI	Geosynthetic Research Institute
HDPE	High Density Polyethylene
HPC	Heterotrophic Plate Count
ICBO	International Conference of Building Officials
IEEE	Institute of Electrical and Electronics Engineers
IES	Illuminating Engineering Society
IID	Imperial Irrigation District
IPC	Institute of Printed Circuits
IPCEA	Insulated Power Cable Engineers Association
IPS	Iron Pipe Size
ISA	Instrument Society of America
LAP	Laboratory Accreditation Program
LLDPE	Linear Low Density Polyethylene
MARV	Minimum Average Roll Value
MD	Machine Direction
MGD	Million Gallons per Day
MPA	Mega Pascal
MBMA	Metal Building Manufacturer's Association
NACE	National Association of Corrosion Engineers
NBS	National Bureau of Standards
NEC	National Electrical Code
NEMA	National Electrical Manufacturer's Association
NFPA	National Fire Protection Association
NFPA	National Forest Products Association
NGLI	National Lubricating Grease Institute
No.	Number
NOI	Notice of Intent
NOT	Notice of Termination
NSF	National Sanitation Foundation
NTPEP	National Transportation Product Evaluation Program
OD	Outside Diameter
OEM	Original Equipment Manufacturer
OIT	Oxidative Induction Time
OS&Y	Outside Stem and York
OSHA	Occupational Safety and Health Administration
PCA	Portland Cement Association
PCC	Portland Concrete Cement
PSI	Pounds per Square Inch
PVC	Polyvinyl Chloride
SBR	Styrene Butadiene Rubber
SCH	Schedule
SDR	Standard Dimension Ratio
SMA	Screen Manufacturer's Association
SMACCNA	Sheet Metal and Air Conditioning Contractors National Association
SPDT	Single Pole-Double Throw
SSPC	Steel Structures Painting Council
SSPWC	Standard Specifications for Public Works Construction
SWPPP	Storm Water Pollution Prevention Plan
UBC	Uniform Building Code
UL	Underwriters Laboratories, Inc.
USEPA	United States Environmental Protection Agency
UV	Ultra-Violet Disinfection

WCRSI	Western Concrete Reinforcing Steel Institute
WRI	Wire Reinforcement Institute, Inc.
WWPA	Western Wood Products Association
XMD	Cross Machine Direction

1.03 PLAN SHEET ABBREVIATIONS

%	Percent
AASHTO	American Association of State Highway and Transportation Officials
A.C.	Asphalt Concrete
A.C.P.	Asbestos Cement Pipe
AC-FT	Acer Feet
Agg.	Aggregate
AOS	Apparent Opening Size
APP	Approximate
ASTM	American Society for Testing and Materials
AVE	Average
AWWA	American Water Works Association
BC	Beginning of Curve
BLDG.	Building
BTM	Bottom
B.V.	Butterfly Valve
C2B	Class 2 Base
CC	Cubic Centimeter
C.I.	Cast Iron
CIRC	Circumferential
CL	Centerline
CLR	Clear
C.M.C.	Cement Mortar Coated
C.M.L.	Cement Mortar Lined
CPVC	Chlorinated Polyvinyl Chloride
D.I.	Ductile Iron
DIA	Diameter
DWG	Drawing
D/W	Driveway
Δ	Delta
EC	End of Curve
EF	Each Face
EL.	Elevation
E.P.	Edge of Pavement
EPDM	Ethylene Propylene Diene M-Class
EW	Each Way
FF	Finish Floor Elevation
FG	Finished Grade
FL	Flowline
FL.	Flanged
F.M.	Flow Meter
FM	Force Main
FS	Finish Surface
GALV	Galvanized
GPH	Gallons per Hour
GPM	Gallons per Minute
GW	Ground Water
H.B.	Hose Bib
HDPE	High Density Polyethylene
HP	Horsepower

HPUD	Heber Public Utility District
HW	High Water
I.D.	Inside Diameter
INV. EL.	Invert Elevation
INV.	Invert
IPS	Iron Pipe Size
L.	Length
LBS	Pounds
MAX.	Maximum
MG	Million Gallon
MGD	Million Gallons per Day
M.H.	Manhole
MIN.	Minimum
MISC.	Miscellaneous
M.J.	Mechanical Joint
MPH	Miles per Hour
N. RIM	North Rim
N.S.	Native Surface
N.T.S.	Not To Scale
O.C.	On Center
O.D.	Outside Diameter
OHC	Overhead Cable
OHE	Overhead Electric Line
OHT	Overhead Telephone Line
OS&Y	Outside Stem & York
P.C.C.	Portland Concrete Cement
P.E.	Plain End
PL	Property Line
P.P.	Power Pole
PP#	Power Pole Number
PPM	Parts per Million
PSI	Pounds per Square Inch
PT	Pressure Transmitter
PVC	Polyvinyl Chloride
P/S	Prestressing
R.C.	Reinforced Concrete
ROW	Right-of-Way
S.	Slope
SCH	Schedule
SCHED	Schedule
SD	Storm Drain
SDFM	Storm Drain Force Main
SDR	Standard Dimension Ratio
SM	Static Mixer
SQ	Square
SS	Sanitary Sewer
SST	Stainless Steel
STA	Station
S/W	Sidewalk
SWPPP	Storm Water Pollution Prevention Plan
TBD	To Be Determined
TBM	Temporary Benchmark
T.C.	Top of Curb or Top of Concrete
TDH	Total Dynamic Head
TF	Top of Footing
TMH	Top of Manhole

ABBREVIATIONS

01070-4

TOE	Top of Slope
TOF	Top of Floor
TOW	Top of Wall
T.P.	Top of Pavement
TV	Television
TYP.	Typical
UE	Underground Electricity
UNO	Unless Noted Otherwise
UT	Underground Telephone
VERT	Vertical

END OF SECTION 01070

SECTION 01090 - REFERENCE STANDARDS

PART 1 - GENERAL

1.01 DESCRIPTION

- A. Whenever in these Specifications references are made to published specifications, codes, standards or other requirements, it shall be understood that when no date is specified, only the latest published specifications, standards or requirements of the respective issuing agencies, as of the date that the Work is advertised for bids, shall apply; except to the extent that said standards or requirements may be in conflict with applicable laws, ordinances, or governing codes. No requirements set forth herein or shown on the drawings shall be waived because of any provision of, or omission from, said standards or requirements.

1.02 REFERENCE SPECIFICATIONS, CODE AND STANDARDS

- A. All work specified herein shall conform to or exceed the requirements of the referenced specifications, codes and standards to the extent that the provisions of such documents are not in conflict with the requirements of these Specifications.
- B. References herein to "Building Code" or UBC shall mean the Uniform Building Code of the International Conference of Building Officials (ICBO). The latest edition of the code, as of the date of award, as approved and adopted by the agency having jurisdiction, including all addenda, modifications, amendments or other lawful changes thereto, shall apply to the Work.
- C. References herein to American Water Works Association or AWWA shall comply with the latest edition of the code, as of the date of award.
- D. In case of conflict between codes, reference standards, drawings and other Contract Documents, the most stringent requirements shall govern. All conflicts shall be brought to the attention of the Engineer for clarification and directions prior to ordering or providing any materials or labor. The contractor shall bid the most stringent requirements.
- E. Applicable Standard Specifications: The Contractor shall construct the Work specified herein in accordance with the requirements of the Contract Documents and the referenced portions of those referenced codes, standards and specifications listed herein; except, that wherever references to "Standard Specifications" are made, the provisions therein for measurement and payment shall not apply.
- F. References herein to "OSHA Regulations for Construction" shall mean Title 29, Part 1926, Construction Safety and Health Regulations, Code of Federal Regulations (OSHA), including all changes and amendments thereto.
- G. References herein to "OSHA Standards" shall mean Title 29, Part 1910, Occupational Safety and Health Standards, Code of Federal Regulations (OSHA), including all changes and amendments thereto.
- H. All materials and equipment appurtenances that can contact potable water or water that will be treated to become potable shall be listed in NSF / ANSI Standard 61.
- I. References in the Contract Documents to "Standard Specifications" shall mean the Greenbook, formally known as the "Standard Specifications for Public Works

Construction” as published by the American Public Works Association, including all current supplements, addenda and revisions thereof, latest edition.

END OF SECTION 01090

SECTION 01300 - CONTRACTOR SUBMITTALS

PART 1 - GENERAL

1.01 DESCRIPTION

- A. All submittals by the Contractor shall be submitted to the Construction Manager at the Site. The Construction Manager may submit the submittals to the Design Engineer if required as authorized by the Owner. The Construction Manager will forward the approved submittals to the Owner.
- B. Within ten (10) days after the date of Notice to Proceed, the Contractor shall submit the following items to the Construction Manager:
 - 1. A Construction Schedule providing the starting and completion dates of the various stages of the Work. The Contractor shall be prepared to discuss its construction schedule at the pre-construction conference.
 - 2. Schedule of Values or lump sum price breakdown for progress payment purposes.
- C. Equipment submittals shall comply with Section 01660 – Mechanical Equipment – Installation and Start-Up

1.02 SUBMITTAL REQUIREMENTS AND PROCESS

- A. The Contractor shall prepare a detailed list of required submittals required for the Winterhaven Water and Sewer Improvements Project within five (5) days of receiving the Notice to Proceed. The Construction Manager will review and forward comments regarding the submittal list to the contractor within three (3) days after receiving the list. The Project Owner and County of Imperial staff shall also review and offer comments regarding the submittal list. The Construction Manager shall insure the submittal list for the Winterhaven Water and Sewer Improvements Project is approved within 10 days after the issuance of the Notice to Proceed. The submittal list for the on-site and off-site civil improvements is included in the Material and Equipment Submittal List, Section 1.09.
- B. Wherever called for in the Contract Documents or when requested by the Construction Manager, the Contractor shall furnish to the Resident Project Representative for review, six (6) copies of each submittal.
- C. All submittals shall be accompanied by a submittal transmittal form. This form may be obtained from the Construction Manager. A separate transmittal form shall be used for each specific item for which a submittal is required. Each submittal should be referenced to the specification section requiring the submittal. All Contractor submittals shall be carefully reviewed by an authorized representative of the Contractor, prior to submission to the Construction Manager. Each submittal shall be dated, signed and certified by the Contractor as being correct and in strict conformance with the Contract Documents. In the case of shop drawings, each sheet shall be so dated, signed and certified. No consideration for review by the Construction Manager of any Contractor submittals will be made for any items which have not been so certified by the Contractor. All non-certified submittals will be returned to the Contractor without action taken by the Engineer and any delays caused thereby shall be the sole responsibility of the Contractor.
- D. Multiple-page submittals shall be collated into sets with each set stapled or bound.

- E. The Construction Manager will return copies of each submittal to the Contractor with review comments within fifteen (15) calendar days following their receipt by the Resident Project Representative. There will be three (3) copies of a submittal returned to the Contractor when marked either “NO EXCEPTIONS TAKEN” or “APPROVED AS NOTED”, and no formal revision and re-submission of said submittal will be required. However, if one or more copies of the submittal are returned to the Contractor marked ‘REVISE AND RESUBMIT’ or ‘REJECTED’, the Contractor shall revise said submittal and shall resubmit the required number of copies of said revised submittal to the Construction Manager.
 - F. Fabrication of an item shall commence only after the Engineer has reviewed the submittal and returned copies to the Contractor marked either “NO EXCEPTIONS TAKEN” or “APPROVED AS NOTED”. Corrections indicated on submittals shall be considered as changes necessary to meet the requirements of the Contract Documents and shall not be taken as the basis of claims for extra work.
 - G. The Engineer’s review of Contractor’s submittals shall not relieve the Contractor of the entire responsibility for the correctness of details and dimensions. The Contractor shall assume all responsibility and risk for any misfits due to any errors in the Contractor submittals. The Contractor shall be responsible for the dimensions and the design of adequate connections and details.
- 1.03 CONTRACTOR’S SCHEDULE SUBMITTAL
- A. The Contractor shall submit to the Resident Project Representative a construction schedule for the Work showing a general plan for orderly progression of the Work including mobilization of plant and equipment and timing of procurement of major materials and equipment.
 - B. The Construction Manager may request that the Contractor provide a revised or updated Construction Schedule if, at any time, the Construction Manager considers the completion date to be in jeopardy because of any portion of the Work falling behind schedule or the sequence of operations becomes different from the previous schedule.
- 1.04 PROPOSED SUBSTITUTES OR “OR EQUAL” ITEM SUBMITTAL
- A. Whenever an item of material or equipment is specified or described in the Contract Documents by using the name of a proprietary item or the name of a particular Supplier, the specification or description is intended to establish the type, function, appearance and quality required. Other items of material or equipment, or material or equipment of other Suppliers may be submitted to the Engineer for review under the circumstances described below subject to the *Instruction to Bidders* (Section 2, Article 11), *Standard General Conditions* (Article 6.05), and the following requirements:
 - 1. The Contractor shall be responsible for resultant changes and all additional costs or credit to the Owner which the accepted substitution requires in the Contractor’s work, the work of its subcontractors and of other contractors and shall effect such changes without cost to the Owner. Neither approval nor denial of an “or-equal” request shall result in any change in Contract Price.
 - 2. Contractor shall provide all data in support of any proposed “or equal” item at Contractor’s expense.
 - B. The procedure for review by the Engineer will include the following:

1. Engineer will be allowed a reasonable time to evaluate each “or-equal” request. Engineer may require Contractor to furnish additional data about the proposed “or-equal” item. Engineer will be the sole judge of acceptability. No “or-equal” item will be ordered, furnished, installed, or utilized until Engineer’s review is complete and Engineer determines that the proposed item is an “or-equal”, which will be evidenced by an approved Shop Drawing or other written communication. Engineer will advise Contractor in writing of any negative determination.
 2. If proposed substitute material or equipment has been judged to be unacceptable by the Engineer, the Contractor shall provide the material or equipment named in the Contract Documents. The Engineer’s denial of an “or-equal” request shall be final and binding, and may not be reversed through an appeal under any provision of the Contract Documents.
 3. If Engineer determines that an item of material or equipment proposed by Contractor does not qualify as an “or-equal” item, Contractor may request that Engineer considered the proposed item as a substitute.
- C. Unless the specification or description of an item of material or equipment required to be furnished under the Contract Documents contains or is followed by words reading that no substitution is permitted, Contractor may request that Engineer authorize the use of other items of material or equipment under the circumstances described below. To the extent possible such requests shall be made before commencement of related construction at the Site.
1. Contractor shall submit sufficient information as provided below to allow Engineer to determine if the item of material or equipment proposed is functionally equivalent to that named and an acceptable substitute therefor. Engineer will not accept requests for review of proposed substitute items of material or equipment from anyone other than Contractor.
 2. Contractor shall make written application to Engineer for review of a proposed substitute item of material or equipment that Contractor seeks to furnish or use. The application:
 - a. shall certify that the proposed substitute item will:
 - i. perform adequately the functions and achieve the results called for by the general design,
 - ii. be similar in substance to that specified, and
 - iii. be suited to the same use as that specified.
 - b. will state:
 - i. the extent, if any, to which the use of the proposed substitute item will necessitate a change in Contract Times,
 - ii. whether use of the proposed substitute item in the Work will require a change in any of the Contract Documents (or in the provisions of any other direct contract with Owner for other work on the Project) to adapt the design to the proposed substitute item, and
 - iii. whether incorporation or use of the proposed substitute item in connection with the Work is subject to payment of any license fee or royalty.
 - c. will identify:
 - i. all variations of the proposed substitute item from that specified, and
 - ii. available engineering, sales, maintenance, repair, and replacement services.

- d. shall contain an itemized estimate of all costs or credits that will result directly or indirectly from use of such substitute item, including but not limited to changes in Contract Price, shared savings, costs of redesign, and claims of other contractors affected by any resulting change.
- D. Engineer will be allowed a reasonable time to evaluate each substitute request, and to obtain comments and direction from Owner. Engineer may require Contractor to furnish additional data about the proposed substitute item. Engineer will be the sole judge of acceptability. No substitute will be ordered, furnished, installed, or utilized until Engineer's review is complete and Engineer determines that the proposed item is an acceptable substitute. Engineer's determination will be evidenced by a Field Order or a proposed Change Order accounting for the substitution itself and all related impacts, including changes in Contract Price or Contract Times. Engineer will advise Contractor in writing of any negative determination.
- E. Owner may require Contractor to furnish at Contractor's expense a special performance guarantee or other surety with respect to any substitute.
- F. Engineer will record Engineer's costs in evaluating a substitute proposed or submitted by Contractor. Whether or not Engineer approves a substitute so proposed or submitted by Contractor, Contractor shall reimburse Owner for the reasonable charges of Engineer for evaluating each such proposed substitute. Contractor shall also reimburse Owner for the reasonable charges of Engineer for making changes in the Contract Documents (or in the provisions of any other direct contract with Owner) resulting from the acceptance of each proposed substitute.
- G. Contractor shall provide all data in support of any proposed substitute at Contractor's expense.
- H. If Engineer approves the substitution request, Contractor shall execute the proposed Change Order and proceed with the substitution. The Engineer's denial of a substitution request shall be final and binding, and may not be reversed through an appeal under any provision of the Contract Documents.

1.05 SAMPLES SUBMITTAL

- A. The Contractor shall submit not less than two (2) samples, unless noted otherwise in a material or equipment specification, to the Engineer for acceptance at no additional cost to the Owner. Samples shall be submitted for acceptance a minimum of ten (10) days prior to ordering such material for delivery to the job site. If accepted by the Engineer, one (1) set of samples will be returned to the Contractor and one (1) set of samples shall remain at the job site until completion of the Work.

1.06 OPERATION, MAINTENANCE AND TECHNICAL MANUAL SUBMITTAL

- A. The Contractor shall furnish operation, maintenance and technical manuals in accordance with Section 01730 – Operation and Maintenance Manuals.
- B. All technical manuals shall be submitted to the Engineer not later than the seventy-five percent (75%) of construction completion date or fourteen (14) days prior to start-up of equipment if started before seventy-five percent (75%) completion of project. All discrepancies found in the technical manuals shall be corrected by the Contractor within thirty (30) days from the date of written notification by the Engineer.

1.07 AS-BUILT SUBMITTAL

- A. The Contractor shall maintain, during the progress of the Work, one (1) set of As-Built Drawings and shall neatly mark on them all project changes from the details shown on the original Contract Drawings. Special attention shall be given to recording on the drawings the horizontal and vertical location of all buried utilities that differ from the locations indicated or which were revealed during the construction.
- B. As-Built drawings shall be accessible to the Construction Manager at all times during the construction period and shall be delivered to the Construction Manager and the Design Engineer upon completion of the Work.
- C. Upon substantial completion of the Work and prior to final acceptance the Contractor shall deliver a complete set of As-Built drawings to the Engineer.

1.08 SUPERINTENDENT SUBMITTAL

- A. A letter designating the Project Superintendent shall be forwarded to the Construction Manager for his review. The letter shall also include emergency contact information for the Project Superintendent and other Contractor Representative.

1.09 SUBMITTAL LIST

- 1. General Requirements
 - 1.1 Construction Schedule
 - 1.2 Schedule of Values
 - 1.3 Letter Designation Project Superintendent
 - 1.4 Emergency Contact Number
 - 1.5 Operation and Maintenance Manuals
 - 1.6 Signs, traffic control devices, cones, barricades and all other items required per the Traffic Control Plan
 - 1.7 Project Identity and Construction Signs
 - 1.8 Contractor to forward a complete submittal list for the Winterhaven Water and Sewer Improvements Project to the Construction Manager, Owner and County of Imperial Staff within 5 days of receiving the Notice to Proceed. See Section 01300, 1.0.2A.

END OF SECTION 01300

SECTION 01312 - PROJECT MEETINGS

PART 1 - GENERAL

1.01 DESCRIPTION

A. Work Included:

1. Required to enable orderly review during pre-installation conference and progress of the Work, and to provide for systematic discussion of installation problems and other construction problems arisen, the Construction Manager will conduct project meetings throughout the construction period.

1.02 RELATED WORK SPECIFIED ELSEWHERE

1. Documents affecting work of this Section include, but are not necessarily limited to, General Conditions, Division 1 - General Requirements.
2. The Contractor's relations with his Subcontractors and materials suppliers, and discussions relative thereto, are the Contractor's responsibility and normally are not part of project meetings content.

1.03 SUBMITTALS

A. Conform to provisions of Section 01300 – Contractor Submittals of the Technical Specifications.

B. Agenda Items:

1. To the maximum extent practicable, advise the Construction Manager at least twenty-four (24) hours in advance of project meetings regarding items to be added to the agenda or requesting the cancellation of any Meeting.

C. Minutes:

1. The Construction Manager will compile minutes of each project meeting and will furnish one copy to the Contractor, Resident Project Representative, and all other involved parties.
2. Recipients of copies may make and distribute such other copies as they wish.

1.04 QUALITY ASSURANCE

- A. For those persons designated by the Contractor to attend and participate in project meetings, provide required authority to commit the Contractor to solutions agreed upon in the project meetings.

PART TWO - PRODUCTS (NOT APPLICABLE)

PART THREE - EXECUTION

3.01 MEETING SCHEDULE

- A. Except as noted below for Preconstruction Meeting, project meetings will be held bi-weekly or as otherwise directed by the Construction Manager.

- B. Coordinate as necessary to establish mutually acceptable schedule for additional meetings.

3.02 MEETING LOCATION

- A. Project meetings will be held at the project site unless another location has been agreed upon prior to the biweekly meeting.

3.03 PRECONSTRUCTION MEETING

- A. A Preconstruction Meeting will be scheduled after the Notice to Proceed has been issued.
 - 1. Provide attendance by authorized representatives of the Contractor and major Subcontractors.
 - 2. The Construction Manager will advise other interested parties.
- B. Minimum Agenda: Data will be distributed and discussed on at least the following items.
 - 1. Organizational arrangement of Contractor's forces and personnel, and those of the subcontractors, and materials suppliers.
 - 2. Organizational arrangement of the Owner's forces and personnel and other authorized representatives.
 - 3. Channels and procedures for communication.
 - 4. Construction Schedule, including sequence of events and critical work.
 - 5. Contract Documents, including distribution of required copies of original Documents and revisions.
 - 6. Processing of Shop Drawings and other data submitted to the Construction Manager for review.
 - 7. Processing of bulletin, addenda, field decisions, Requests for Information and Change Orders.
 - 8. Rules and regulations governing performance of the Work.
 - 9. Procedures for site security, project quality control, housekeeping, and related matters.
 - 10. It is the responsibility of the Contractor for Site Safety & First Aid; however, it shall be on the agenda.
 - 11. Procedures for contractor's request.
 - 12. Emergency Information: The name, addresses, telephone and fax numbers of the Contractor, and Subcontractors, or their representatives, shall be filed with the Construction Manager prior to start of the Work.

3.04 PROJECT MEETINGS

- A. Attendance:

1. To the maximum extent practicable, the Project Superintendent and other representatives who have full knowledge of the project and full authority to act for the Contractor shall represent the Contractor at Project Meetings throughout the progress of the Work.
2. Subcontractors, materials suppliers, and others may be invited to attend these Project Meetings in which their aspect of the Work is involved.
3. The Contractor may not cancel or be absent from any meeting without advanced approval from the Construction Manager. The Contractor must submit a written request with reason to the Construction Manager twenty-four (24) hours before the scheduled meeting. If approved, the Contractor shall notify all parties of the cancellation.

B. Minimum Agenda:

1. Review progress of the Work since last meeting. Review actual starts and finish dates of activities.
2. Review status (total complete and outstanding) of submittal for approval, Request for Information and Change Orders.
3. Identify old and new problems, which impede planned progress, identify responsible party for the follow-up actions. Mutually agree to a common solution and date of correction.
4. Develop corrective measures and procedures to regain lost time on the planned schedule.
5. Review Weekly Progress Reports including the forecasts.
6. Status of As-Builts.
7. Project site Walk-Through. Record all discussion and follow-up actions.
8. Any project site health and/or accident or safety issues.

3.05 SPECIFIC SITE MEETINGS

- A. Required when necessary to enable orderly review and discussion of site conditions and problems requiring solution during the progress of the contracted work. Notify the Construction Manager of the need for additional site meetings as early as possible to resolve the problem without any impact to the Project Schedule.
- B. Provide necessary labor, tools, and equipment such as shoring, scaffolding, ladder, etc. to gain access to the specific sites.
- C. The Contractor or The Contractor's authorized representative shall be present at all times.

All discussion and follow-up actions shall be recorded by the Construction Manager, and the minutes shall be distributed at the next meeting or at earliest time

END OF SECTION 01312

SECTION 01505 - MOBILIZATION

PART 1 - GENERAL

1.01 DESCRIPTION

- A. Mobilization shall include obtaining all permits; moving plant equipment on-site; furnishing and erecting plants, temporary buildings and other construction facilities; all as required for the proper performance and completion of the Work. Mobilization shall include, but not be limited to, the following principal items:
1. Moving on to the site, Contractor's equipment and materials required for operations.
 2. Installing temporary construction power, wiring and lighting facilities.
 3. Establishing fire protection equipment and instructing designated personnel in the operation of such apparatus.
 4. Providing all on-site Contractor communication facilities.
 5. Providing on-site Contractor's sanitary facilities.
 6. Arranging and setting up the Contractor's work and storage yard.
 7. Obtaining all required permits.
 8. Posting all OSHA required notices and establishment of safety programs.
 9. Have Contractor's superintendent at the Site full time.
 10. Submittal of Construction Schedule.
 11. Submittal of Schedule of Values
 12. Install Project Sign, by the Standard General Conditions, Article 19.
 13. Costs of Insurance, Payment Bond, Performance Bond, Taxes, Permits, Freight and similar expenses.

1.02 PAYMENT FOR MOBILIZATION

- A. Payment for Mobilization, as noted in the Proposal Forms and approved Schedule of Values, shall not be released to the Contractor unless all items in Paragraph "A" above have been satisfied.

END OF SECTION 01505

SECTION 01520 - TEMPORARY FACILITIES

PART 1 - GENERAL

1.01 DESCRIPTION

The Owner shall bear no costs of temporary facilities, unless noted otherwise.

It shall be the Contractor's responsibility to provide equipment that is adequate for the performance of the Work under this Contract within the time specified. All equipment shall be kept in satisfactory operating condition, shall be capable of safely and efficiently performing the required Work and shall be subject to inspection and approval by the Owner's representative at any time within the duration of the Contract. All work hereunder shall conform to the applicable requirements of the OSHA Standards for Construction.

1.02 POWER AND LIGHTING

The Contractor shall provide temporary electric power as necessary for the execution of the Work, including that required by all Subcontractors. Contractor shall make the necessary arrangements with utility purveyor to include all permits, applications and fees, and shall bear all costs for these temporary services and shall furnish and install all necessary transformers, metering facilities and distribution centers from branch circuits as may be required.

The Contractor shall provide lighting and outlets in temporary structures throughout the Project as may be required for safety, proper performance and inspection of the Work. If operations are performed during hours of darkness, or if natural lighting is deemed insufficient by Engineer, the Contractor shall provide adequate floodlights, clusters and spot illumination. The use of permanently installed lighting fixtures, lamps and tubes for work shall not be permitted except by special permission of Engineer. The Contractor shall make arrangements with Subcontractors for electrical services and lighting as may be necessary in the performance of their work.

1.03 WATER SUPPLY

- A. General: The Contractor shall provide an adequate supply of water of a quality suitable for all domestic and construction purposes. Potable water shall be furnished by the Owner without charge.
- B. Drinking Water: All drinking water on the site during construction shall be furnished by the Contractor and shall be bottled water or water furnished in approved dispensers. Notices shall be posted conspicuously throughout the site warning the Contractor's personnel that piped water for construction purposes may be contaminated and is not for human consumption.
- C. Water Connections: The Contractor shall not make connection to, or draw water from, any fire hydrant or pipeline without first obtaining permission, in writing, of the authority having jurisdiction over the use of said fire hydrant or pipeline and from the agency owning the water system. For each such connection made the Contractor shall first attach to the fire hydrant or pipeline a valve, backflow preventer and a meter, if required by the said authority, of a size and type acceptable to said authority and agency.
- D. Removal of Water Connections: Before final acceptance of the Work all temporary water connections and piping installed by the Contractor shall be entirely removed, and all affected improvements shall be restored to their original condition, or better, to the satisfaction of the Engineer and to the agency owning the affected utility.

- E. Fire Protection: The Contractor shall provide fire extinguishers and other fire protection equipment to adequately protect new and existing facilities and temporary facilities against damage by fire. Hose connections and hose, water casks, chemical equipment or other sufficient means shall be provided for fighting fires in the new, existing and temporary structures and other portions of the Work and responsible persons shall be designated and instructed in the operation of such fire apparatus so as to prevent or minimize the hazard of fire. The Contractor's fire protection program shall conform to the requirements of the OSHA Standards for Construction. The Contractor shall employ every reasonable means to prevent the hazard of fire.
- 1.04 CONSTRUCTION OFFICE TRAILER
- Not Applicable
- 1.05 SANITATION
- A. Toilet Facilities: Portable chemical toilet facilities shall be provided wherever needed for the use of employees. Toilets at Site(s) shall conform to the requirements of Subpart "D", Section 1926.51 of the OSHA Standards for Construction. The Owner's toilet facilities shall not be used by the Contractor. Two (2) toilet facilities shall be positioned at the project site. One (1) toilet facility shall be for men. The other toilet facility shall be for women. Toilet facilities shall be relocated as required and be maintained close to daily work activities. The toilet facilities shall be cleaned and serviced on a weekly basis.
- B. Sanitary and Other Organic Wastes: The Contractor shall establish adequate and regular collection of all sanitary and organic wastes. All wastes and refuse from sanitary facilities provided by the Contractor or organic material wastes from any other source related to the Contractor's operations shall be disposed of in a manner satisfactory to the Engineer and in accordance with all laws and regulations pertaining thereto. Contractor may install temporary piping for toilet facilities to discharge into the incoming sewer.
- 1.06 COMMUNICATIONS
- A. Telephone Services: The Contractor shall provide and maintain a phone line.
- 1.07 FENCE AND BARRICADES
- The Contractor shall provide such protective fences and barricades as deemed necessary for public safety and to protect storage areas and the Work in place. The location and appearance of all fences shall be subject to the approval of the Engineer.
- 1.08 CONTRACTOR PARKING
- The Contractor shall not park his equipment, nor allow his personnel to park, in any area except those specifically designated by the Engineer and Owner.
- 1.09 TEMPORARY LIVING QUARTERS
- Temporary living quarters shall not be allowed on the Site or on publicly owned properties. In addition, all local zoning codes for the area in question shall be strictly adhered to.

1.10 REMOVAL OF TEMPORARY CONSTRUCTION FACILITIES

The Contractor shall remove temporary toilets, storage sheds and other temporary construction facilities from the site as soon as, in Engineer's opinion, the progress of Work permits. Contractor shall recondition and restore those portions of the site occupied by the same to a condition equal to or better than it was prior to construction.

END OF SECTION 01520

SECTION 01530 - PROTECTION OF EXISTING FACILITIES

PART 1 - GENERAL

1.01 DESCRIPTION

- A. The Contractor shall protect all existing utilities, piping and improvements both above ground and buried not designated for removal and shall restore damaged or temporarily relocated utilities, piping and improvements to a condition equal to or better than they were prior to such damage or temporary relocation.
- B. The contractor shall take necessary precautions to avoid damage to existing items scheduled to remain in place, to be reuse, or to remain the property of County; any Contractor damaged item/facilities shall be repaired or replaced as directed by the Engineer at Contractor's sole cost and expense.
- C. The Contractor shall verify the exact locations and depths of all underground piping and utilities shown and not shown and shall make exploratory excavations of all piping and utilities that may interfere with the Work. It shall be the Contractor's responsibility to ascertain the actual location of all existing utilities, piping and other improvements that will be encountered during construction operations and verify that such utilities or other improvements are adequately protected from damage due to such operations. The Contractor shall satisfy himself as to the nature and location of the work, conditions, the conformation and conditions of the existing ground surface, and the character of equipment and facilities needed prior to and during prosecution of the work.
- D. Maintaining in Service: All pipelines, electrical, power, telephone communication cables, gas and water mains shall remain continuously in service during all the operations under the Contract, unless other arrangements satisfactory to the Engineer are made with the Owner. Where the proper completion of the Work requires the temporary or permanent removal and/or relocation of an existing utility or other improvement the Contractor, after necessary scheduling and approval, shall remove and, without unnecessary delay, temporarily replace or relocate such utility or improvement in a manner satisfactory to the Engineer and the Owner of the facility. In all cases of such temporary removal or relocation, the Work shall be accomplished by the Contractor in a manner that will restore or replace the utility or improvement to a new condition meeting the specification requirements.
- E. All repairs to a damaged utility or improvement are subject to inspection and approval by a Resident Project Representative before being concealed by backfill or other work.

1.02 RIGHTS-OF-WAY

- A. The Contractor shall refrain from commencing work or entering upon the rights-of-way of any oil, gas, sewer or water pipeline; any telephone or electric transmission line; any fence; or any other structure, until notified by the Engineer that the Owner has secured authority to do so. After authority has been obtained, the Contractor shall give the governing utility proper advanced notice of its intention to begin work.

1.03 RESTORATION OF PAVEMENT AND SIDEWALKS

- A. All paved areas and sidewalks not designated for replacement, cut or damaged during construction shall be replaced with similar materials and of equal thickness to match the existing adjacent undisturbed areas unless otherwise noted. All sidewalks, curbs and gutters and pavements which are subject to partial removal shall be neatly saw-cut in

straight lines. The sidewalk, curb and gutter and pavement shall be constructed in accordance with the Standard Details and Plans of the governing agency.

1.04 UNDERGROUND UTILITIES NOT SHOWN OR INDICATED

- A. If the Contractor damages existing utilities, piping or improvements that are not illustrated or the location of which was not made known to the Contractor prior to excavation and the damage was not due to failure of the Contractor to exercise reasonable care the Contractor shall immediately notify the Engineer. If directed by the Engineer repairs shall be made by the Contractor under the provisions for changes and extra work contained in Articles 10, 11 and 13 of the Standard General Conditions.

1.05 NOTIFICATION BY THE CONTRACTOR

- A. Prior to any excavation in the vicinity of any existing underground facilities, including water, sewer, storm drain, gas, petroleum products, or other pipelines; all buried electric power, communications or telecommunication cables; all traffic signal and street lighting facilities; and all roadway and state highway rights-of-way, the Contractor shall notify the respective utility purveyors or agencies or owners responsible for such facilities not less than three (3) working days prior to excavation so that a representative is afforded the opportunity to be present during the excavation work.

END OF SECTION 01530

SECTION 01550 - SITE ACCESS AND STORAGE

PART 1 - GENERAL

1.01 HIGHWAY AND STREET LIMITATIONS

- A. The Contractor shall make its own investigation of the condition of available public and private roads and of clearances, restrictions, bridge load limits and other limitations affecting transportation and ingress and egress to the Site. It shall be the Contractor's responsibility to construct and maintain any haul roads required for its construction operations or define any alternate routes to the Site due to roadway or bridge restrictions.
- B. Nothing herein shall be construed to entitle the Contractor to the exclusive use of any public street, utility right-of-way or the Site during the performance of the Work hereunder. The Contractor shall conduct its operations so as not to interfere unnecessarily with the authorized work of utility companies, other agencies, or the Owner's plant personnel. No street or access shall be closed without first obtaining permission of the Engineer or proper governmental authority. Where excavation is being performed in primary streets or highways one (1) lane in each direction shall be kept open to traffic at all times unless otherwise provided or shown by the Contract Documents. Fire hydrants on or adjacent to the Work shall be kept accessible to fire-fighting equipment at all times. Temporary provisions shall be made by the Contractor to assure the use of sidewalks, access routes and the proper functioning of all gutters, sewer inlets and other drainage facilities.
- C. Traffic Control: For the protection of traffic in public streets and construction workers at the Site, the Contractor shall provide, place and maintain all necessary barricades, traffic cones, warning signs, lights and other approved safety devices. All barricades, traffic cones, warning signs, lights and other approved safety devices shall be placed according to the agency requirements maintaining jurisdiction, as applicable. The Contractor shall take all necessary precautions for the protection of the Work and the safety of the Owner's personnel and the public. All barricades and obstructions shall be illuminated at night.

1.02 CONTRACTOR'S WORK AND STAGING AREA

- A. The Owner will designate and arrange, for the Contractor's use, a portion(s) of the property on or adjacent to the Site for its exclusive use during the term of the Contract. The area is designated for an office, storage and shop area for construction operations relative to this Contract. Contractor shall be solely responsible for the security of its tools, supplies and equipment at the site. The staging area(s) for this project are illustrated on the new site plan of the Plans.

END OF SECTION 01550

SECTION 01560 - PROJECT ENVIRONMENTAL CONTROLS

PART 1 - GENERAL

1.01 EXPLOSIVES AND BLASTING

- A. The use or storage of explosives on the Work or site will not be permitted.
- B. Controls outlined in the Environmental Report developed for this project shall be implemented throughout the course of construction. A copy of the Environmental Report is included in the Special Conditions.

1.02 DUST ABATEMENT AND RUBBISH CONTROL

- A. The Contractor shall provide under the Contract all necessary measures to prevent its operation from producing dust in amounts damaging to property or causing a nuisance to Owner's plant personnel and operations or to persons living in or occupying buildings in the vicinity. The Contractor shall be responsible for damage resulting from any dust originating from its operations. The dust abatement measures shall be continued throughout the length of the Contract.
- B. During the progress of the Work the Contractor shall keep the Site and other areas used by it in a neat and clean condition and free from any accumulation of rubbish and waste materials. The Contractor shall dispose of all rubbish and waste materials of any nature occurring at the Site, and shall establish regular intervals of collection and disposal of such materials and waste. The Contractor shall also keep its haul roads free from dirt, rubbish and unnecessary obstructions resulting from its operations. Disposal of all rubbish and surplus materials shall be off the site of construction in accordance with local codes and ordinances governing locations and methods of disposal and in conformance with all applicable Safety Laws and Health Standards for Construction. The Owner's dumpster shall not be used by the Contractor.
- C. Contractor shall implement regulations set by CAL EPA and the Imperial County Air Pollution Control District for all work activities related to this Project.

1.03 CHEMICALS

- A. All chemicals used during project construction or furnished for project operation, whether soil sterilant, herbicide, pesticide, disinfectant, polymer, reactant or of other classification, shall show approval for use by either the U.S. Environmental Protection Agency, the U.S. Department of Agriculture or the local jurisdictional agency. Use of all such chemicals and disposal of residues shall be in strict accordance with the printed instructions of the manufacturer.

1.04 CULTURAL RESOURCES

- A. The Contractor's attention is directed to the National Historic Preservation Act of 1966 (16 U.S.C. 470) and 36 CFR 800 which provides for the preservation of potential historical, architectural, archeological or cultural resources (hereinafter called "cultural resources). If potential cultural resources are discovered during subsurface excavations at the site of construction, the following procedures shall be instituted:
 - 1. The Contractor shall immediately notify the Engineer.

2. The Engineer will issue a Field Order directing the Contractor to cease all construction operations at the location of such potential cultural resources find.
 3. Such Field Order shall be effective until such time as a qualified archeologist can be called to assess the value of these potential cultural resources and make recommendations to the California State Historical Society Archeologist.
- B. If the archeologist determines that the potential find is a bona fide cultural resource, at the direction of the California State Historical Society Archeologist, the Contractor shall suspend work at the location of the find under the provisions for changes contained in Articles 4, 8 and 18 of the Standard General Conditions and Supplementary Conditions 4.02, 4.06 and 4.06D.

1.05 STORM WATER POLLUTION PREVENTION PLAN (SWPPP)

- A. The entire project will disturb less than 1 acre and will not require a Storm Water Pollution Prevention Plan (SWPPP).

END OF SECTION 01560

SECTION 01600 - MATERIALS AND EQUIPMENT

PART 1 - GENERAL

1.01 QUALITY ASSURANCE

- A. To the greatest extent possible for each unit of work, the Contractor shall provide products, materials or equipment from a single source.
- B. Where more than one choice is available as options for Contractor's selection of a product, material or equipment, the Contractor shall select an option which is compatible with other products, materials or equipment already selected.

1.02 PRODUCT DELIVERY, STORAGE AND HANDLING

- A. The Contractor shall transport, deliver, handle and store products in accordance with supplier's written recommendations and by methods and means which will prevent damage, deterioration and loss including theft. Delivery schedules shall be coordinated to minimize long-term storage of products at the Site and overcrowding of construction spaces. The Contractor shall provide installation coordination to ensure minimum storage times for products recognized to be flammable, hazardous or easily damaged.
- B. Products shall be delivered in a dry, undamaged condition in the supplier's unopened packaging. The Engineer and Owner reserve the right to reject all damaged products, materials and equipment. Rejected products shall be immediately removed from the Site.
- C. Products, materials and equipment shall be stored in accordance with the manufacturer's written instructions, with seals and labels intact and legible. Motors, electrical gear, mechanical equipment with open bearings or moving parts or any product sensitive to the environment shall be stored in weather-tight enclosures with necessary temperature and humidity ranges maintained within the manufacturer's instructions.
- D. Fabricated structural components shall be stored on supports above ground and in a manner to prevent accumulation of water and warping. Products subject to deterioration from atmospheric conditions shall be covered in a manner that will provide adequate ventilation to avoid condensation.
- E. Products, materials and equipment not stored in a manner that will insure the maintaining of a new condition will be rejected by the Engineer. Such rejected products, materials and equipment shall be immediately removed from the Site.

END OF SECTION 01600

SECTION 01700 - PROJECT CLOSEOUT

PART 1 - GENERAL

1.01 FINAL CLEANUP

- A. The Contractor shall promptly remove from the vicinity of the completed work, all rubbish, unused materials, concrete forms, construction equipment and temporary structures and facilities used during construction. Final acceptance of the Work by the Owner will be withheld until the Contractor has satisfactorily complied with the requirements for final cleanup of the site.

1.02 FINAL SUBMITTALS

- A. The Contractor, prior to requesting final payment shall obtain and submit the following items to the Engineer for transmittal to the Owner:
 - 1. Written guarantees, where required.
 - 2. Operating manuals, technical manuals and instructions. The Contractor's attention is directed to the condition that one percent (1%) of the contract price will be deducted from any monies due the Contractor as progress payments if at the seventy-five percent (75%) construction completion point the approved technical manuals have not been submitted in accordance with Section 01300 - Contractor Submittals. The aforementioned amount will be retained by the Owner as the agreed estimated value of the approved technical manuals. Any such retention of money for failure to submit the approved technical manuals on or before the seventy-five percent (75%) construction completion point shall be in addition to the retention of any payments due to the Contractor as specified in Article 14 of the Standard General Conditions and the Agreement.
 - 3. Manufacturers representatives installation, testing and startup report.
 - 4. Keying.
 - 5. Maintenance stock items, spare parts and special tools.
 - 6. Completed As-Builts.
 - 7. Certificates of inspection and acceptance by local governing agencies having jurisdiction.
 - 8. Releases from all parties who are entitled to claims against the subject project, property or improvement pursuant to the provisions of law.
 - 9. Extension of Performance Bond in accordance with Article 5.01A of the Standard General Conditions, if applicable.

1.05 MAINTENANCE AND GUARANTEE

- A. The Contractor shall provide a bond to comply with the guarantee requirements contained in Article 5.01A of the Standard General Conditions.
- B. The Contractor shall make all repairs and replacements promptly upon receipt of written order from the Owner. If the Contractor fails to make such repairs or replacements promptly the Owner reserves the right to do the Work and the Contractor and his surety

shall be liable to the Owner for the cost thereof. Replacement of native material or aggregate fill, backfill or resurfacing where it has settled below the required finish elevations shall be considered as part of such required repair work.

END OF SECTION 01700

SECTION 01730 - OPERATION AND MAINTENANCE MANUALS

PART 1 - GENERAL

1.01 DESCRIPTION

The Contractor shall furnish to the Engineer six (6) identical sets of operation, maintenance and technical manuals. The Contractor shall include in the manuals for each item of mechanical, electrical and instrumentation equipment the following:

1. Complete operating instructions, including recommended troubleshooting and start-up procedures; tabulation of proper settings for all pressure relief valves, pressure switches and other related equipment protection devices; detailed test procedures to determine performance efficiency of equipment; list of all electrical relay settings including alarm and contact settings.
2. Preventive maintenance procedures and schedules, including required lubricants, filters, adjustments and special tools.
3. Parts lists, by generic title and identification number, complete with exploded views of each assembly. Spare parts information shall be included for each mechanical, electrical and instrumentation equipment. The spare parts list shall include the current list price of each spare part. The spare parts list shall be limited to those spare parts which each manufacturer recommends be maintained by the Owner in inventory at the plant site. Each manufacturer or supplier shall indicate the name, address and telephone number of its nearest outlet for spare parts to facilitate the Owner in ordering.
4. Disassembly and reassembly instructions, including required special tools.
5. Record drawings including diagrams and schematics as required under the electrical and instrumentation portions of these specifications.

1.02 OPERATIONS AND MAINTENANCE MANUALS

A. General:

1. The "Operating and Maintenance Manual" is a bound compilation of drawings and data required for each project. These manuals, complete with drawings and data, shall be furnished to the Owner.
2. The Contractor has overall responsibility to obtain the necessary data from and compile the data as set forth in this specification, including items or equipment purchased by the Owner and delivered to the Contractor for installation.
3. The number of binders (or "volumes") required for each individual project will depend on the amount of information to be catalogued.
4. All information included shall be legible and sufficiently marked to indicate the exact size, model, type, etc., of equipment furnished and installed.

- B. Purpose:** The Operating and Maintenance Manual is prepared to provide a ready reference to all important mechanical, electrical and instrumental equipment components installed at the project. It is also to provide the necessary operating and maintenance data for use by service personnel. It is also to provide information required for checking equipment performance or for planning of plant expansion or redesign.

- C. Quantity and Preparation (Submit through Engineer):
1. Operation and Maintenance Manuals shall be prepared for the project.
 - A. Three (3) sets to the Engineer.
 - B. Three (3) sets to Owner.
 2. The quantities of drawings, manufacturer's literature, or other data required for these manuals are in addition to those otherwise required for normal distribution for approval during the construction period.

PART 2 - MATERIALS AND METHODS

2.01 PAGE SIZE

- A. All pages shall be standard 8-½ x 11 inches size or approximate multiples (preferably 11 x 17 inches) folded to 8-½ x 11-inch manila pockets, which shall have standard three-ring side punching for insertion in the binders. The equipment name, drawing description and number shall be written on the face of each manila pocket.

2.02 DRAWINGS

- A. All drawings larger than 8-½ x 11" shall be folded and inserted in individual 8-½" x 11" manila pockets, which shall have standard three-ring side punching for insertion in the binders. The equipment name, drawing description and number shall be written on the face of each manila pocket.

2.03 BINDERS

- A. Binders shall be Buckram binders with block lettering for sheet size 8-½ x 11 inches with 2" to 3-½" expandable metal capacity as required for the project. The number of binders, however, shall be based on not filling them beyond 4".
- B. The following information shall appear on the front cover and backbone:
 1. "Operation and Maintenance Manual"
 2. Project Name (Imperial County Winterhaven Water and Sewer Improvements) and volume number if more than one volume
 3. Owner's name
 4. Engineer's name
 5. General Contractor's name

Item 5 need not be printed on the backbone.

2.04 CONTENTS AND INDEXING

- A. Manuals shall contain descriptions of the plant systems in sufficient detail to adequately indicate the type of systems installed and the basic details of their operation.

- B. All purchased equipment data shall be used to designate the sections. Within each section additional indexing of component parts may be required.
- C. Operation and Maintenance Manuals shall contain to the fullest extent all possible information pertinent to the equipment. The arrangement and type of information to be filed shall be as follows:
 - 1. Copy of purchase order change (if any).
 - 2. Outline drawings, special construction details, "as built" electrical wiring and control diagrams for all major and supplementary systems.
 - 3. Manufacturer's test or calculated performance data and certified test curves.
 - 4. Installation, operating and maintenance instructions, including a complete parts list and sectional drawing with parts identification numbers. Mark with model, size and plan number.
 - 5. Manufacturer's brochure marked to indicate exact equipment purchased. Brochures on component parts supplied by a manufacturer with his equipment, but not manufactured directly by him, shall also be included.
 - 6. The serial numbers of each item of equipment installed are to be listed with the model numbers and plan symbols.
 - 7. Written warranties.
 - 8. Include a Table of Contents. The contents shall be divided with tabbed index dividers into the following suggested parts:
 - Part I Treatment Plant and System Descriptions
 - Part II Purchased Equipment Data
 - Part III Test Reports and Valve Charts
 - Part IV Start-Up and Operation
 - Part V Preventative Maintenance Recommendations
 - 9. A copy of the approved submittals for each piece of equipment.
 - 10. A copy of all testing, adjusting and balancing reports.
 - 11. Wiring diagrams marked with model and size and plan symbol.
 - 12. Operating and Maintenance Manuals data for Part I shall be obtained directly from the mechanical and electrical consultants. (All consultant preparation cost.)
 - 13. The index shall contain the name and address of the manufacturer and, if different, where replacement and repair parts may be obtained.

2.05 EQUIPMENT SUMMARY DATA FORMS INFORMATION SHEET

Equipment Summary Data Forms are intended to provide the Maintenance Department with sufficient information to catalogue newly purchased equipment items installed at the project site. This information is used for inventory purposes as well as for equipment performance tracking purposes. Each item of equipment installed at the facility must be documented on Equipment Summary Data Form. Examples of the form is attached. Additional requirements regarding submittal format, quantities, etc, are found elsewhere in this Specification.

1. Equipment item (included industry-accepted nomenclature).
2. Manufacturer address, phone/fax numbers
3. Supplier address (if different than above), phone/fax numbers
4. Equipment serial and model numbers
5. Size
6. Capacity
7. Rated output
8. Drive motor data (as appropriate).

In addition, information specific to the item described shall be provided as indicated on the following form.

**EQUIPMENT SUMMARY
DATA FORM**

EQUIPMENT ITEM: _____

EQUIPMENT COST: _____

EQUIPMENT SUPPLIER: _____

COMPONENT INFORMATION:	
NAMEPLATE DATE:	MANUFACTURER:
EQUIPMENT MODEL NO.:	EQUIPMENT SERIAL NO.:
EQUIPMENT MODEL DESIGNATION:	TYPE:
SIZE:	RATED OUTPUT:
CAPACITY:	SERVICE:
COMPONENT INFORMATION: DRIVE MOTOR DATA	
MANUFACTURER:	
SERIAL NO.:	HORSEPOWER:
MODEL:	FRAME:
TYPE:	VOLTAGE:
ENCLOSURE:	AMPERAGE:
PHASE:	SERVICE FACTOR:
HERTZ:	
LUBRICATION REQUIREMENTS: MOTOR	
COMMENTS:	

2.06 INFORMATION SHEET FOR EQUIPMENT MAINTENANCE SUMMARY FORMS

Equipment Maintenance Summary forms are intended to provide the Maintenance Division with information sufficient to properly diagnose (troubleshoot, repair, check-out, and return an item of equipment to service. Standard information contained in each Form shall be as follows:

In addition, Maintenance information required to troubleshoot, repair, and return electrical/electronic equipment to service (including set point, derivatives, etc.) shall be included as required. The Maintenance Summary Form attached is intended to serve as a (minimum) guide to the information required per item of equipment. Additional requirements regarding submittal format, quantities, etc. are found elsewhere in this Specification.

1. Equipment item (include industry-accepted nomenclature)
2. Manufacturer address, phone/fax numbers
3. Equipment serial number(s)
4. Weight of individual components (over 100 pounds)
5. Nameplate data (including voltage, horsepower, lubrication requirements, speed, etc.)
6. Manufacturer's local representative address, phone/fax numbers
7. Maintenance operation(s) required. Listing shall include (1) Maintenance Operation to be performed. (2) frequency of said Maintenance Operation based on actual service conditions of installed equipment (i.e., type of duty, environmental factors). Reference shall be made to the appropriate section of the manufacturer's technical literature.
8. Lubricant list. List shall include primary and two secondary manufacturer-approved lubricants.
9. Spare parts required for a minimum of one (1) year of equipment operation based on anticipated actual service conditions. Also, the name, address, and phone number of the recommended source of spare parts shall be included if different than manufacturer's representative.

TYPICAL MAINTENANCE SUMMARY FORM

NOTE: SUPPLEMENTARY INFORMATION SHALL BE INCLUDED AS APPROPRIATE

1. EQUIPMENT ITEM: _____
2. MANUFACTURER: _____
ADDRESS: _____
TELEPHONE NO.: _____ FAX NO.: _____
3. EQUIPMENT SERIAL/IDENTIFICATION NUMBERS: _____
4. WEIGHT OF INDIVIDUAL COMPONENTS (OVER 100 POUNDS): _____
5. NAMEPLATE DATA: _____
6. MANUFACTURER'S LOCAL REPRESENTATIVE: _____
ADDRESS: _____
TELEPHONE NO.: _____
FAX NO.: _____
7. MAINTENANCE OPERATION(S) REQUIRED: (attach separate sheet if required).

<u>OPERATION</u>	<u>FREQUENCY</u>	<u>COMMENTS</u>

8. LUBRICANT LIST. Provide Reference symbol used in items recommended.

SHELL	STANDARD OIL	GULF	ARCO	EQUAL

9. RECOMMENDED SPARE PARTS LISTS FOR MINIMUM OF ONE (1) YEAR UNINTERRUPTED SERVICE. (Attach separate sheet if required).

ITEM	PART NO.	QUANTITY REQUIRED (per unit)	UNIT COST	COMMENTS

END OF SECTION 01730

SECTION 01781 - SPARE PARTS

PART 1 - GENERAL

1.01 DESCRIPTION

A. General:

1. The Spare Parts supplier must be the manufacturer or a factory authorized representative of the manufacturer. The manufacturer will be responsible for any default of the representative that is not corrected by the representative in a timely and efficient manner. This responsibility includes replacing incorrect or defective parts, troubleshooting, and correcting problems that are traceable to the manufacturer's parts. The supplier shall provide, along with the Spare Parts List, a formal letter of certification from the manufacturer that the supplier is an authorized representative of the manufacturer.
2. The supplier shall be a stocking facility of the manufacturer of the proposed parts, or the manufacturer must maintain a stocking facility of these parts on the West Coast, or the supplier can guarantee delivery of spare parts within seventy-two (72) hours.
3. Spare Parts should be supplied in the manufacturer's original packaging and shall be new and unused. A statement shall be included to clearly indicate that the Spare Parts are new and unused.
4. The Spare Parts list shall be in addition to any other lists required under any other sections of these Specifications. This list shall include but is not limited to the following:
 - a) Current prices including delivery to the Site.
 - b) Original Equipment Manufacturer (OEM) part numbers, which identify interchangeability.
 - c) Make and type of equipment as well as model number.
 - d) Size.
 - e) Supplier's contact information.
 - f) Letter of certification from the manufacturer.
 - g) Materials.
 - h) Special tools.
 - i) Estimated delivery lead times.
 - j) Warranty: State terms of warranty of spare parts offered.
 - k) Cross-sectional, exploded view or assembly-type drawing with part numbers.
 - l) Manufacturer's price list catalog.

- m) Applicable trade discount (for budget purposes).
- 5. Delivery of all required Spare Parts shall be a condition precedent to receipt of Partial Completion or a Statement of Completion.
- 6. The Contractor shall be responsible for proper storage and protection of the Spare Parts until delivered to the Owner.
- 7. To ensure proper tracking of the Spare Parts the Contractor shall fill out and submit a Spare Parts List to the Engineer with the delivery of Spare Parts. The Contractor's cost of preparing and submitting the Spare Parts List(s), procuring, and inspection of the Spare Parts shall be included in the Contractor's lump sum bid, and therefore, no overhead or profit shall be added to the cost of the Spare Parts.

B. Required Spare Parts:

- 1. The Required Spare Parts Lists shall be included with the equipment submittal to the Engineer.
- 2. The Contractor shall include in the Bid the cost of providing the Required Spare Parts described under individual equipment Specifications.

C. Recommended Spare Parts:

- 1. The Contractor shall submit with each equipment submittal a list from the manufacturer of the Recommended Spare Parts adequate to ensure two (2) continuous years of normal operation after expiration of the equipment warranty. The cost of preparing and submitting the Recommended Spare Parts List(s) shall be included in the Contractor's lump sum bid.
- 2. The Recommended Spare Parts List(s) shall include items requiring replacement under the following conditions:
 - a) Wear, corrosion, or erosion during normal operation.
 - b) Failure which causes a shutdown of equipment or systems.
 - c) Damage or breakage during routine maintenance or inspections of equipment.
 - d) Custom or specially fabricated parts, and
 - e) Long lead items.
- 3. The Contractor shall supply the Owner with all Spare Parts indicated on the Specifications.

END OF SECTION 01781

SECTION 01783 – AS-BUILT DRAWINGS

PART 1 - GENERAL

1.01 DESCRIPTION

- A. As-Builts are full size drawings (Plans) and Record Project Manual which are marked up during construction to delineate the actual in-place constructed conditions. As-Builts shall be provided by the Contractor for this Project. Requirements for As-Builts, as specified elsewhere, shall supplement the requirements specified herein.
- B. As-Builts shall include all changes in the Plans including those issued as Change Orders, Plan Clarifications, Addenda, Notice to Bidders, responses to Request for Information, Project Site Memos, and any additional details needed for the construction of the Project but not shown on the Plans. Any substructures encountered while excavating that are left in place shall be located by survey, to the satisfaction of the Engineer, shown, and identified on the As-Builts. All substructures including, but not limited to, concrete structures, electrical conduit and duct banks, drains and sanitary sewer pipelines, process piping, water lines, etc, whose installed location differs from that shown on the original Plans shall be precisely located by survey to the satisfaction of the Engineer and recorded on the As-Builts before backfilling.
- C. As-Builts shall be marked with red ink or chemical fluid on one (1) set of full size prints to produce a record of the complete installation. Any additional drawings that may be required to indicate record conditions shall be prepared on 24" x 36" paper. All additions to the plans shall employ and use drafting standards which are consistent with the drafting standards used in the Contract.
- D. The As-Builts, including those of all Subcontractors, shall be kept by the Contractor in the Contractor's Project Site Office, shall be updated during construction, and shall be available for the Engineer's inspection and copying at all times. The Engineer will review the As-Builts prior to submittal of all Monthly Payment Requests. If, in the opinion of the Engineer, the As-Builts are not current, approval of the Monthly Payment may be withheld until the drawings are made current.
- E. Where the Plans are diagrammatic or lacking precise details, the Contractor shall produce dimensioned full size sheets as the As-Builts. For installations outside of the structures, the locations shall be given by coordinates and elevations. Where substructures are encased in concrete, the outside dimensions of the encasement shall also be given.
- F. In the case of those Drawings which depict the detail requirements for equipment to be assembled and wired in the factory, the As-Builts shall be updated by indicating those portions which are superseded by final Shop Drawings and by including appropriate reference information describing the Shop Drawings by manufacturer, drawing and revision numbers.
- G. At the Completion of the Work and after Final Inspection, the Contractor shall copy As-Built data, using red ink, onto a new set of Plans provided by the Owner. The Contractor shall certify to the completeness and accuracy of the "as installed" information indicated on the new set of Plans with its signature. The Contractor shall then deliver as a submittal to the Engineer, for review and approval, both the field developed As-Built Plans and the final signed As-Built Plans as a condition precedent to the Owner's release of any retained funds.

END OF SECTION 01783

AS-BUILT DRAWINGS

01783-1

SPECIAL PROVISIONS – SPECIAL CONDITIONS

**POE COLONIA WASTEWATER TREATMENT PLANT (WWTP) EMERGENCY REPAIRS IN
IMPERIAL COUNTY
COUNTY PROJECT NO. 5426POE**

SECTION 1. PROJECT LOCATION AND SITE PLAN

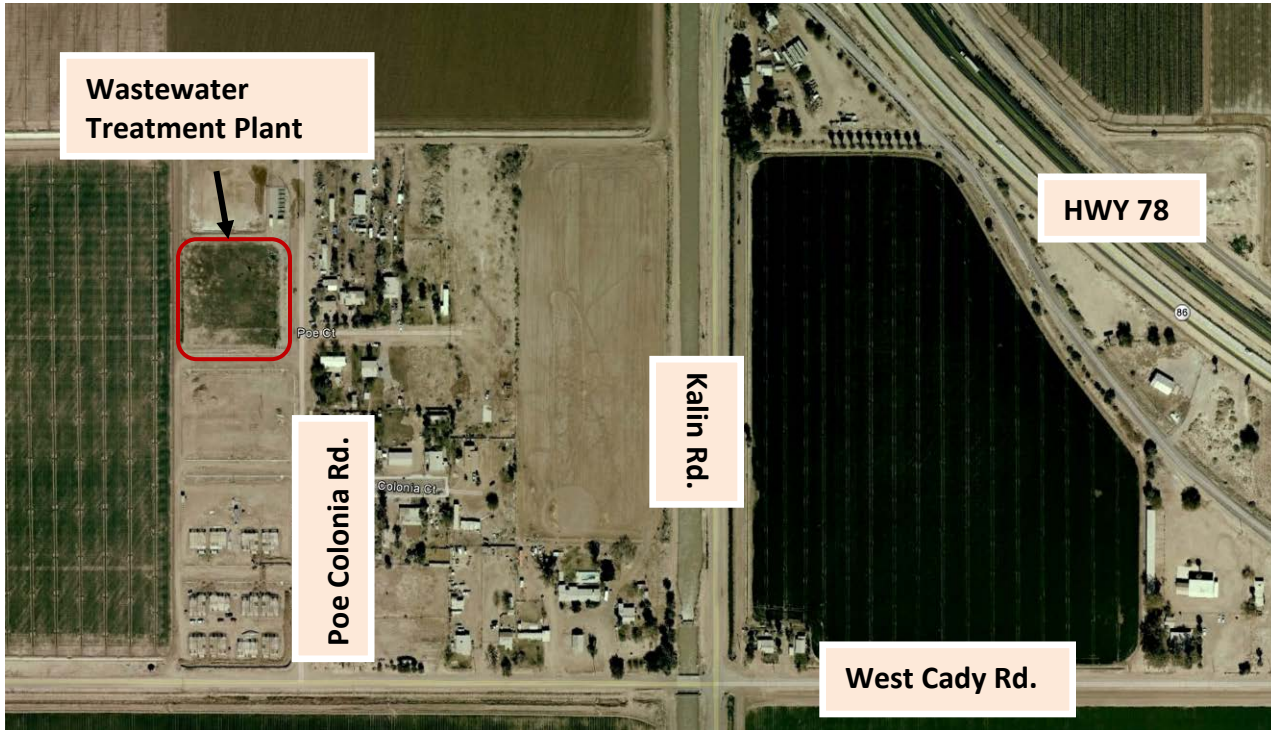


Figure 1 - PROJECT SITE PLAN

The project site is located approximately one mile west of Brawley, and 0.25 miles south of Hwy 78. The area to be repaired is located immediately to the west of Poe Colonia Road, beginning approximately 820 feet north of West Cady Road, then proceeding approximately 270 feet along Poe Colonia Road.

SECTION 2. SPECIFICATIONS AND PLANS

2-1.01 GENERAL

The work embraced herein shall be done in accordance with the Standard Specifications dated May 2006 and the Standard Plans dated May 2006, of the Department of Transportation insofar as the same may apply, latest edition of the "Greenbook", the project plans (4 sheets) and these special provisions. The special provisions shall take precedence over and be used in lieu of the conflicting portions.

Amendments to the Standard Specifications and "Greenbook" set forth in these special provisions shall be considered as part of the Standard Specifications for the purposes set forth in Section 5-1.04, "Coordination and Interpretation of Plans, Standard Specifications and Special Provisions," of the Standard Specifications. Whenever either the term "Standard Specifications is amended" or the term "Standard Specifications are amended" is used in the special provisions, the indented text or table following the term shall be considered an amendment to the Standard Specifications. In case of conflict between such amendments and the Standard Specifications, the amendments shall take precedence over and be used in lieu of the conflicting portions.

2-1.02 DEFINITIONS

Whenever in the Standard Specifications the following terms are used, they shall be understood to mean and refer to the following.

Attorney General: Wherever used in the Standard Specifications shall refer to County Counsel.

California Standard Specifications: The Standard Specifications dated May 2006, State of California, Department of Transportation.

Chief Engineer: Wherever used in the Standard Specifications, shall refer to the County Director of Public Works.

Director of Public Works: The appointed official of the County of Imperial authorized to administer the contract.

Department of Transportation: Also, Department: Whenever used in the Standard Specifications, refers to the Board of Supervisors, except when used in reference to test methods of, or to denote publications or designate the mailing address of an agency of the State of California.

Director of Transportation: Also Director: Means, whenever used in the Standard Specifications, the Board.

Engineer: The Director of Public Works, acting either directly or through properly authorized agents, such agents acting within the scope of the particular duties delegated to them.

Section 1-1.40, "State Contract Act," of the Standard Specifications is amended to read:

1-1.40 State Contract Act. -- Chapter 1, Part 2, Division 2 of the Public Contract Code. The provisions of this act and other applicable laws form and constitute a part of the provisions of this contract to the same extent as if set forth herein in full. Any reference in the specifications and other contract documents to Sections of former Chapter 3 (Sections 14250-14424) inclusive of Part 5 of Division 3 of Title 2 of the Government Code shall be deemed to be a reference to the successor section of the Public Contract Code.

GREENBOOK: Shall mean the Standard Specifications for Public Works Construction contained in the latest Edition, as written and promulgated by the Joint Cooperative Committee of the Southern California Chapter of the American Public Works Association and the Southern California District of the Associated General Contractors of California. Copies of these Standard Specifications are available from the publisher, Building News Incorporated, 1612 South Clementine Street, Anaheim, California 92802, telephone (714) 517-0970. This applies only to construction details Section 10, where indicated.

SECTION 3. GENERAL

3-1.01 DIFFERING SITE CONDITIONS

a. Contractor's Notification (CT Std Spec 4-1.06B)

Promptly notify the Agency's Engineer if you find either of the following conditions:

1. Physical conditions differing materially from either of the following:
 - Contract documents
 - Job site examination
2. Physical conditions of an unusual nature, differing materially from those ordinarily encountered and generally recognized as inherent in the work provided for in the Contract

Include details explaining the information you relied on and the material differences you discovered.

If you fail to promptly notify the Engineer, you waive the differing site condition claim for the period between your discovery of the differing site condition and your notification to the Engineer.

If you disturb the site after discovery and before the Engineer's investigation, you waive the differing site condition claim.

b. Engineer's Investigation and Decision (CT Std Spec 4-1.06C)

Upon your notification, the Engineer investigates job site conditions and:

1. Notifies you whether to resume affected work
2. Decides whether the condition differs materially and is cause for an adjustment of time, payment, or both

3-1.02 QUALITY ASSURANCE

The Agency uses a Quality Assurance Program (QAP) to ensure a material is produced to comply with the Contract.

You may examine the records and reports of tests the Agency performs if they are available at the job site.

Schedule work to allow time for QAP.

3-1.03 LABOR NONDISCRIMINATION

Attention is directed to the following Notice that is required by Chapter 5 of Division 4 of Title 2, California Code of Regulations.

NOTICE OF REQUIREMENT FOR NONDISCRIMINATION PROGRAM (GOV. CODE, SECTION 12990)

Your attention is called to the "Nondiscrimination Clause", set forth in Section 7-1.01A (4), "Labor Nondiscrimination," of the Standard Specifications, which is applicable to all nonexempt state contracts and subcontracts, and to the "Standard California Nondiscrimination Construction Contract Specifications" set forth therein. The Specifications are applicable to all nonexempt state construction contracts and subcontracts of \$5,000 or more.

3-1.04 PAYMENT BOND

For all contracts over \$25,000, the successful Bidder shall provide a payment bond in the amount equal to the one hundred percent (100%) of the Total Contract Price and issued by a California admitted surety. The payment bond shall provide the County with security for Contractor's full payment to all subcontractors for costs of materials, equipment, supplies, and labor furnished in the course of the performance of the Contract. Full compensation for furnished the payment bond is included in the total Contract Price.

3-1.05 ANTITRUST CLAIMS

The Contractor's attention is directed to the following provision of Public Contract Code Section 7103.5(b), which shall be applicable to the Contractor and subcontractors:

In entering into a public works contract or a subcontract to supply goods, services or materials pursuant to a public works contract, the Contractor or subcontractor offers and agrees to assign to the awarding body all right, title and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec 15) or under the Cartwright Act (Chapter 2 [commencing with Section 16700] of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, services or materials pursuant to the public works contract of the subcontract. This assignment shall be made and become effective at the time the awarding body tenders final payment to the Contractor, without further acknowledgement by the parties.

3-1.06 CLAIMS PROCEDURES

Compliance with all change order procedures is a prerequisite for filing a Public Contract Code Claim pursuant to this Section. Claims must be submitted no later than:

- (a) 30 days after the dispute resolution process set forth in Section 5-1.43 is complete or
- (b) 30 days after the occurrence of the event giving rise to the claim.

In accordance with the procedures set forth in Public Contract Code Sections 9204 and 20104-20104.6, a Contractor may submit a claim by registered or certified mail with return receipt requested, for one or more of the following:

- (a) A time extension, including, without limitation, for relief from damages or penalties for delay assessed by the County;
- (b) Payment by the County of money or damages arising from work done by, or on behalf, of the Contractor pursuant to this contract and payment for which is not otherwise expressly provided or to which the Contractor is not otherwise entitled; or
- (c) Payment of an amount this disputed by the County.

The Contractor shall furnish reasonable documentation to support the claim, including but not limited to:

- 1) A clear, concise recital of the basis upon which the claim is asserted, including a designation of the provisions of the Contract upon which the claim is based,
- 2) A statement as to the amount of time and/or compensation sought pursuant to the claim,
- 3) Whether the Contractor's claim arises from an ongoing occurrence, and if so a description of the specific work activities affected by the claim,
- 4) A time impact analysis in the event that Contractors requests a time extension,
- 5) Full and complete costs records supporting the amount any claim for additional compensation,
- 6) A notarized certification by the Contractors as follows: "Under the penalty of law for perjury or falsification and with specific reference to the California False Claims Act, Government Code Section 12650 et seq., the undersigned hereby certified that the information contained herein is true, accurate and complete statement of all features relating the claim asserted." Failure by the Contractor to provide sufficient documentation will result in denial of the claim. The County reserves the right to request additional documentation, or clarification of the documentation provided.

Upon receipt of a claim, the County will conduct a reasonable review and provide a written statement to the Contractor identifying what portion of the claim is disputed and what portion is undisputed within 45 days of receipt of the claim. The County and Contractor may, by mutual agreement, extend the 45 day time period. For any undisputed portion of the claim, the County must make payment within 60 days of its issuance of the written statement.

If the Contractor disputes the County's written statement, or if the County fails to respond, the Contractor may demand an informal conference to meet and confer for settlement of the issues in dispute. The County will then schedule the meet and confer conference within 30 days of the demand. Within 10 business days following the meet and confer conference, the County will provide a written statement identifying the portion of the claim that remain in dispute. Any payment due on an undisputed portion of the claim will be made within 60 days of the meet and confer conference.

After the meet and confer conference, any disputed portion of the claim shall be submitted to non-binding mediation. Alternatively, upon receipt of a claim, the parties may mutually agree to waive, in writing, mediation and proceed directly to the commencement of a civil action or binding arbitration, as applicable. If mediation is unsuccessful, the part of the claim that remain in dispute shall be subject to applicable procedures set forth below.

Failure of public entity to respond to a claim within the time periods described above shall result in the claim being deemed rejected in its entirety. Additionally, amounts not paid in a timely manner shall bear interest at 7 percent per year.

In the event that the mediation is unsuccessful, Contractor must file a government claim pursuant to Government code Sections 910 et seq. in order to initiate a civil action.

In any civil action filed to resolve claims, the court shall submit the matter to nonbinding mediation within 60 days following the filing or responsive pleading, provided that the parties have not already participated in mediation of the claim as outlined above. If the matter remain in dispute after nonbinding mediation, the court shall submit the matter to judicial arbitration pursuant to Code of Civil Procedure Section 1141.10 et seq. If the matter remains in dispute after judicial arbitration, the County or the Contractor may request a trial de novo.

3-1.07 RESOLUTION OF CLAIMS

For claims of three hundred seventy-five thousand dollars (\$375,000) or less, COUNTY and CONTRACTOR agree to follow and comply with the mediation, arbitration, claim, civil action procedure and trial de novo provisions set forth in California Public Contracts Code 20104, 20104.2 and 20104.4.

5-1.18 REQUIRED LICENSES

At the time the contract is awarded, and at all times during construction of the Project, CONTRACTOR shall possess and maintain a California contractor's license, Class A.

SPECIAL PROVISIONS – TECHNICAL PROVISIONS

POE COLONIA WASTEWATER TREATMENT PLANT (WWTP) EMERGENCY REPAIRS IN IMPERIAL COUNTY COUNTY PROJECT NO. 5426POE

SECTION 1. DESCRIPTION OF WORK

The work to be done shall consist of replacing drip lines, grading the drip line field, overseeding the drip line field, as well as constructing pads and replacing existing filters including furnishing all labor, materials, necessary tools and machinery, supervision, and all utility and transportation services required for the construction of the improvements necessary in accordance to the Project Plans and Specifications, and all provisions and work in conformance with the standard plans and specifications and these special provisions.

1-1.1 BACKGROUND

The wastewater treatment plant includes a drip line field comprising a rectangular area (approximately 250 by 230 feet) along Poe Colonia Road. The existing drip lines that were installed in 2005 have begun to fail, due in large part to gophers who are chewing the lines. The supply and flush lines have been determined to be smaller than necessary. The supply lines are 1.5 inches and the flush lines are 1.0 inch in diameter. The supply line is required to be 3.0 inches and the flush line should be 2.0 inches in diameter. Also, some of the existing fiberglass filter modules have begun to float out of the ground.

1-1.2 PROJECT PURPOSE

The purpose of this project is to repair and improve the operations of the wastewater facilities at the Poe Colonia site.

SECTION 2. CONSTRUCTION DETAILS

2-1.01 ORDER OF WORK

Order of Work shall conform to the provisions in Section 5-1.05, “Order of Work,” of the Standard Specifications and these special provisions.

A two week lead time will be needed before construction begins to assure proper notification to residents, the public and emergency and/or enforcement agencies.

2-1.02 OBSTRUCTIONS

The Contractors attention is directed to Section 8-1.10, “Utility and Non-Highway Facilities,” and Section 15, “Existing Highway Facilities,” of the Standard Specifications and these special provisions.

The Contractor’s attention is directed to the existence of certain underground facilities that may require special precautions be taken by the Contractor to protect the health, safety and welfare of workers and of the public. Facilities requiring special precautions include, but are not limited to: conductors of petroleum products, oxygen, chlorine, and toxic or flammable gases; natural gas in pipelines greater than 6 inches (150 mm) in diameter or pipelines operating at pressures greater than 60 psi (415 KPa) gage; underground electric supply system conductors or cables with potential to ground of more than 300 V, either directly buried or in a duct or conduit which do not have concentric grounded or other effectively grounded metal shields or sheaths.

The Contractor shall notify the Engineer and the appropriate regional notification center for operators of subsurface installations at least 2 working days, but not more than 14 calendar days, prior to performing any excavation or other work close to any underground pipeline, conduit, duct, wire or other structure. Regional notification centers include, but are not limited to, the following:

Notification Center	Telephone Number
Underground Service Alert-Southern California (USA)	811 811

2-1.03 CONSTRUCTION AREA SIGNS

The Contractor shall notify the appropriate regional notification center for operators of subsurface installations at least 2 working days, but not more than 14 calendar days, prior to commencing excavation for construction area sign posts. The regional notification centers include, but are not limited to, the following:

Notification Center	Telephone Number
Underground Service Alert-Southern California (USA)	811 811

Contractor shall provide project information signs, as shown in Section 00810 of the bid manual, install and maintain. The Engineer will remove them when no longer required. Excavations required to install construction area signs shall be performed by hand methods without the use of power equipment, except that power equipment may be used if it is determined there are no utility facilities in the area of the proposed post holes, or at the option of the Contractor, construction area signs can be placed on portable barricades.

The term “construction area signs” also shall include temporary object markers required for the direction of public traffic through or around the work during construction. Object markers listed or designated on the plans as construction areas signs shall be considered to be signs and shall be furnished, erected, maintained, and removed by the Contractor in the same manner specified for construction area signs and the following:

Full compensation for provision & mounting construction area signs and project information signs shall be considered as included in the various items of work of the contract and no additional compensation will be allowed therefore.

2-1.04 WATERING

Watering shall conform to the provision in Section 17 “Watering,” of the Standard Specifications and these special provisions. Payment for watering shall be included in the various items of work and no additional payment shall be made therefore.

2-1.05 PROJECT IDENTIFICATION SIGNS

The Contractor shall erect two project identification signs at the project site. Project identification signs shall conform to the provisions in

Before any major physical construction work readily visible to highway users is started on this contract, the contractor shall furnish and erect project identification signs at the locations designated by the Engineer.

Framing of plywood sign panels will not be required.

The signs shall be kept clean and in good repair by the Contractor.

Upon completion of the work, the signs shall become property of the County and County shall remove same.

The contract price paid for project identification signs shall be considered included in the various items of work and shall include full compensation for furnishing, erecting and maintaining of the signs, as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer.

2-1.06 TIME AND MATERIAL ALLOCATION

The Contractor shall provide a rate schedule for all labor and equipment that may reasonably be anticipated for use during the project. Labor rates shall be consistent with those required by the prevailing wage rate requirements of the contract and shall reflect all benefits and employer costs. Once the labor and equipment rates have been approved by the engineer, they will become the basis for compensation for any Time and Material work requested by the County. The Contractor is advised, however, that there will be no compensation from the Time and Material Allocation unless the work has been authorized in writing by the engineer.

2-1.07 Earthwork

Earthwork shall conform to the provisions in the 2006 Caltrans Standard Specification Section 19, “Earthwork”, of the standard specifications and these special provisions.

2-1.08 SURVEYING

The contractor shall provide all surveying and staking on the project.

Surveyor to verify both horizontal and vertical control and existing conditions. Surveyor to set local horizontal and vertical intervisible control on project site. Read and comprehend plans and resolve minor discrepancies, should any exist. Contractor shall preserve and, if necessary, surveyor shall perpetuate all existing horizontal and vertical monumentation.

Stakes and marks will be set by the surveyor sufficient to establish the lines and grades required for the completion of the work delineated on the plan set. The exact number of staking sets, horizontal location of construction stakes and associated grades required shall be decided at the pre-con meeting and may include any or all of the following: project limits, demolition limits, alignment, rough grade, final grade, slope stakes, face of curb, sanitary sewer, waterline, storm drain, utilities and other staking as requested. Any cost to refresh and/or replace stakes is the sole responsibility of the Contractor. Cut sheets shall be provided to the county.

The contractor shall provide a full set of field marked as-built plans including all in-field exclusions, revisions and/or changes to the original plan set.

Full compensation for providing Surveying work shall be considered as included in the various items of work and no separate payment shall be made therefore.

2-1.09 ADDITIONAL PERMITS

All bidders shall submit documents to the Imperial County Public Works Department showing proof of valid and current permits issued by the Air Pollution Control District including the authorization to construct and the permit to operate. The permits shall be submitted after the bid opening and prior to the award of the contract. Any Bidders failing to submit said documents 10 days after opening of bids shall render their bids nonresponsive and/or responsible.

Full compensation for all coordination with and obtaining such permits and licenses shall be at contractor expense.

SECTION 3. PERMITS

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD COLORADO RIVER BASIN REGION

ORDER NO. R7-2005-0005

**WASTE DISCHARGE REQUIREMENTS
FOR
IMPERIAL COUNTY DEPARTMENT OF COMMUNITY AND ECONOMIC DEVELOPMENT,
OWNER/OPERATOR
POE COLONIA (CADY SUBDIVISION)
COMMUNITY SUBSURFACE WASTEWATER DISPOSAL SYSTEM
Brawley – Imperial County**

The California Regional Water Quality Control Board, Colorado River Basin Region, finds that:

1. Imperial County Department of Community and Economic Development, 836 Main Street, El Centro, California 92243, (hereinafter referred to as the discharger), submitted to the California Regional Water Quality Control Board, Colorado River Basin Region (hereinafter Regional Board) a complete Report of Waste Discharge (ROWD) on August 30, 2004, which was prepared by Springer and Associates, Inc.
2. The Imperial County Department of Community and Economic Development approved a Negative Declaration on July 6, 2004 and filed a Notice of Determination, dated August 11, 2004, with the county clerk, to comply with the California Environmental Quality Act (CEQA). The Notice of Determination indicated that, based on the findings of the Negative Declaration prepared for the project, the project will not have a significant impact on the environment. The Regional Board considered the Negative Declaration prepared by the lead agency.
3. The proposed wastewater treatment and disposal system is located approximately 3 miles west of Brawley north of Cady Road. This is an existing housing development with a proposed addition. The development is located in a portion of the north half of Section 36 of Township 13 South, Range 13 East, San Bernardino Base Meridian.
4. The ROWD describes the proposed project to include an existing development of 19 residential homes with a proposed 24-lot subdivision and 11 additional lots (totaling 53 homes) that would discharge into a proposed waste disposal system consisting of four septic tanks that would flow through a re-circulating tank into six textile filters before distribution into a large subsurface drip leach field located in the northwest corner of the development.
5. The discharger has indicated that the subsurface disposal leach field infiltration system is designed with the capability to change distribution lines when an area below a distribution line is saturated. This procedure will ensure even distribution of wastewater throughout the leach field and avoid over saturation of particular soil area.
6. In accordance with Section 2200, Title 23 of the California Code of Regulation, the threat to water quality and complexity of the treated wastewater discharge from the septic system is determined to be category 3B.
7. The Water Quality Control Plan for the Colorado River Basin Region of California, as amended to date, designates the beneficial uses of ground and surface waters in this Region.
8. The beneficial uses of the ground water in the Imperial Hydrologic Unit are municipal and industrial supply. However, shallow ground water (at a depth of about 8 feet) in the proposed discharge area is saline with a TDS content of over 3,000 mg/L, and is not currently used for municipal drinking water use. Deep ground water in the area is very saline and is being investigated for geothermal development.

9. There are no wells in the vicinity of the discharge facility described in Finding No. 4, above. Water is supplied to this development by the City of Brawley. The water has a total dissolved solids concentration of about 730 mg/L.
10. An onsite wastewater treatment system of this capacity is subject to the federal Underground Injection Control regulations per the Safe Drinking Water Act. Any septic system with the capacity to serve 20 or more persons per day is classified as an injection well under these regulations. As such, the system upon construction is required to submit inventory information regarding the discharge and legal responsibility for the controlling of the discharge to the USEPA.
11. Wastewater is defined as any water which contains pollutants as defined in 40 CFR, Section 122.2. This includes domestic wastewater (toilet, sink, bath, etc.) from the facilities described in Finding No. 4 (above).
12. This Regional Board has notified the discharger and all known interested parties of the intent to prescribe waste discharge requirements for the proposed discharge.
13. This Regional Board in a public meeting has heard and considered all comments pertaining to the proposed discharge of waste from the septic system.

IT IS HEREBY ORDERED THAT, in order to meet the provisions contained in Division 7 of the California Water Code and Regulations adopted thereunder, the discharger shall comply with the following requirements for the discharge from the proposed wastewater treatment facilities:

A. PROHIBITIONS

1. Discharge of wastes and sewage sludge and solids to lands that have not been specifically described in the Report of Waste Discharge and for which valid waste discharge requirements are not in force are prohibited.
2. There shall be no surface flow of wastewater away from the designated disposal area, as described in Finding No. 4.
3. Discharges of treated or untreated solid or liquid waste to a navigable water or tributary of a navigable water are prohibited unless as authorized by an NPDES permit issued by this Regional Board.
4. The treatment, storage or disposal of waste shall not create a pollution, contamination or nuisance, as defined by Section 13050 of Division 7 of the California Water Code.
5. No wastewater other than domestic wastewater shall be discharged into the sewage disposal system described in Finding No. 4 (above).
6. The discharge of treated wastewater shall not cause a violation of the prohibitions contained in the Basin Plan.
7. There shall be no discharge of sewage solids at the disposal site. Any off-site disposal of sewage shall be to a legal point of disposal, with the approval of the legal disposal site operator.
8. There shall be no ponding of discharged septic tank effluent or surface flow away from the disposal area.
9. Total effluent flow to the subsurface disposal leach field infiltration system in excess of 26,500 gallons over any 24-hour period is prohibited.

10. Discharge of wastes classified as “hazardous” or “designated” as defined in the California Code of Regulations, Title 23, Chapter 15, Sections 2521(a) and 2522(a), to any part of the wastewater disposal system is prohibited.

B. Specifications

1. All wastewater treatment and disposal facilities shall be maintained to remain effective in treating wastewater.
2. No part of the subsurface disposal system shall be closer than 150 feet to any water supply well or closer than 100 feet to any stream, channel, or other water source.
3. Odors of sewage origin shall not be perceivable beyond the limits of the individual facility.
4. The septic tank system shall be maintained to remain effective in treating wastewater.
5. The subsurface wastewater disposal system shall be maintained so that at no time will sewage be permitted to surface or overflow at any location.
6. Septic tank cleanings shall be discharged only by a duly authorized service.
7. The discharge shall not cause degradation of ground water nor adversely affect any of the beneficial uses.
8. Wastewater which has a total dissolved solids (TDS) concentration greater than 400 mg/L over the TDS content of the water supply to the facility shall be discharged only to an appropriate waste management facility approved by the Regional Board's Executive Officer.

C. Provisions

1. Sufficient land area shall be reserved for possible future 100 percent replacement of the leach field, until such time as this facility is connected to a municipal sewerage system. Replacement leach lines shall be installed in accordance with Title 22, Chapter 16, Section 64630, the Water Works Standards of the California Water Code.
2. Adequate measures shall be taken to assure that unauthorized persons are effectively excluded from contact with the wastewater.
3. Adequate measures shall be taken to assure that flood or surface drainage waters do not erode or otherwise render portions of the discharge facilities inoperable.
4. Facilities shall be available to keep the sewage disposal system in operation in the event of commercial power failure.
5. The discharger shall, at all times, properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the discharger to achieve compliance with conditions of this Order. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls including appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this Order.
6. Prior to any change in ownership or management of this operation, the discharger shall transmit a copy of this Board Order to the succeeding owner/operator, forward a copy of the transmittal letter to the Regional Board, and submit a new ROWD.

7. The discharger shall provide adequate storage facilities to contain wastewater during and after periods of rainfall when disposal by subsurface irrigation cannot be successfully practiced to prevent the discharge of treated or untreated wastewater to any surface water.
8. A copy of the facility operations and maintenance manual shall be maintained at the discharger's facility and shall be available to operation personnel and Regional Board staff at all times.
9. This Board Order does not authorize violation of any federal, state, or local laws or regulations.
10. All regulated disposal systems shall be readily accessible for sampling and inspection.
11. The discharger shall ensure that all site-operating personnel are familiar with the content of this Board Order, and shall maintain a copy of this Board Order at the site.
12. The discharger shall comply with the attached Monitoring and Reporting Program No. R7-2005-0005, and future revisions thereto as specified by the Executive Officer. Monitoring results shall be reported at the intervals specified in this Monitoring and Reporting Program.
13. Unless otherwise approved by the Regional Board's Executive Officer, all analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services. All analyses shall be conducted in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants", promulgated by the United States Environmental Protection Agency.
14. The discharger shall comply with all of the conditions of this Board Order. Any noncompliance with this Order constitutes a violation of the Porter-Cologne Water Quality Control Act and is grounds for enforcement action.

D. STANDARD PROVISIONS

1. The discharger must comply with all conditions of this Order. Any noncompliance with this Order constitutes a violation of the California Water Code and is grounds for (a) enforcement action; (b) termination, revocation and re-issuance, or modification of this Order; or (c) denial of a report of waste discharge in application for new or revised waste discharge requirements.
2. The discharger shall allow the Regional Board, or an authorized representative, upon the presentation of credentials and other documents as may be required by law to do the following:
 - a. Enter upon the discharger's premises where a regulated facility or activity is located or conducted or where records must be kept under the conditions of this Order,
 - b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Order,
 - c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices or operations regulated or required under this Order, and
 - d. Sample or monitor, at reasonable times for the purposes of assuring compliance with this Order or as otherwise authorized
3. The California Water Code provides that any person who intentionally or negligently violates any waste discharge requirements issued, reissued, or amended by this Regional Board shall be liable civilly in accordance with California Water Code Section 13350 (d), (e), or (f).

4. The California Water Code provides that any person failing or refusing to furnish technical or monitoring program reports, as required under this Order, or falsifying any information provided in the monitoring reports is guilty of a misdemeanor and is subject to a civil liability in accordance with CWC Section 13268.
5. The discharger shall report any noncompliance that may endanger health or the environment. Any such information shall be provided orally to the Executive Officer within 24 hours from the time the discharger becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the discharger becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected; the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The Executive Officer, or an authorized representative, may waive the written report on a case-by-case basis if the oral report has been received within 24 hours.
6. The Regional Board's Executive Officer shall be notified immediately in the event of an overflow or any failure of the sewage disposal system resulting in surfacing of wastewater. It is also necessary to immediately notify the Director of Environmental Health Services, County of Imperial in accordance with California Health and Safety Code Section 5411.5. Such failure shall be promptly corrected in accordance with the requirements of this Board Order.
7. A copy of this Order shall be maintained at the discharger's facility and shall be available to operating personnel at all times.
8. These waste discharge requirements are subject to review and revision by the Regional Board.
9. The discharger shall retain records of all monitoring information, including all calibration and maintenance records, copies of all reports required by this Order, and records of all data used to complete the application for this Order. Records shall be maintained for a minimum of three years from the date of the sample, measurement, or report. This period may be extended during the course of any unresolved litigation regarding this discharge or when requested by the Regional Board's Executive Officer.
10. All maintenance performed shall be reported with the monitoring reports as required.
11. The discharger shall furnish to the Executive Officer of this Regional Board, within a reasonable time, any information which the Executive Officer may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this Order. The discharger shall also furnish to the Executive Officer, upon request, copies of the records kept by this Order.
12. The discharger is the responsible party for the waste discharge requirements and the monitoring and reporting program for the facility. The discharger shall comply with all conditions of these waste discharge requirements. Violations may result in enforcement actions, including Regional Board Orders or court orders, requiring corrective action or imposing civil monetary liability, or in modification or revocation of these waste discharge requirements by the Regional Board.
13. This Order may be modified, revoked and reissued, or terminated for cause including, but not limited to, the following:
 - a. Violation of any terms or conditions of this Order.
 - b. Obtaining this Order by misrepresentation or failure to disclose fully all relevant facts.
 - c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

The filing of a request by the discharger for the modification, revocation and re-issuance, or termination of this Order, or notification of planned changes or anticipated noncompliance does not stay any condition of this Order.

14. The discharger shall remove and relocate any wastes discharged at this site which are in violation of these requirements.
15. The discharger shall file a new Report of Waste Discharge at least 120 days prior to the following:
 - a. Addition of a major industrial waste discharge to a discharge of essentially domestic sewage, or the addition of a new process or product by an industrial facility resulting in a change in the character of the wastes.
 - b. Significant change in the treatment or disposal method (e.g., change in the method of treatment which would significantly alter the nature of the waste).
 - c. Change in the disposal area from that described in the findings of this Order.
 - d. Increase in flow beyond that specified in this Order.
 - e. Other circumstances that result in a material change in character, amount, or location of the waste discharge.
 - f. Any planned change in the regulated facility or activity that may result in noncompliance with this Order.
16. All applications, reports, or information submitted to the Executive Officer shall be signed and certified as follows:
 - a. The Report of Waste Discharge shall be signed as follows:
 - (1) For a corporation - by a principal Executive Officer of at least the level of Vice-President.
 - (2) For a partnership or sole proprietorship - by a general partner or the proprietor, respectively.
 - (3) For a municipality, state, federal or other public agency - by either a principal Executive Officer or ranking elected official.
 - b. All other reports required by this Order and other information required by the Executive Officer shall be signed by a person designated in paragraph (a) of this provision, or by a duly authorized representative of that person. An individual is a duly authorized representative if all of the following are true:
 - (1) The authorization is made in writing by a person described in paragraph (a) of this provision,
 - (2) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, and
 - (3) The written authorization is submitted to the Executive Officer.

c. Any person signing a document under this section shall make the following certification:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

17. The discharger shall furnish, under penalty of perjury, technical monitoring reports, and such reports shall be submitted in accordance with the specifications prepared by the Regional Board's Executive Officer. Such specifications are subject to periodic revisions as may be warranted.
18. In the case that sample analyses indicate that the concentration of any nitrate or hazardous substance including VOCs exceeds the MCL established for drinking water, the discharger is required to resample the wastewater within 30 days of the date of the initial sampling results. If the re-sampling results also exceed the MCLs, the discharger is required to perform a subsurface investigation pursuant to Section 13267 of the California Water Code to determine any impacts to the ground water and/or soil. If a subsurface investigation is necessary, the discharger is required to submit a work plan to perform the investigation. The work plan shall be submitted to the Regional Board's Executive Officer for approval within 90 days of the submittal date of the re-sampling results. This provision applies only to areas where the ground water is designated for municipal use in the Basin Plan.

I, Robert Perdue, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, Colorado River Basin Region, on January 19, 2005.

ROBERT PERDUE Executive Officer

TECHNICAL SPECIFICATIONS

POE COLONIA WASTEWATER TREATMENT PLANT (WWTP) EMERGENCY REPAIRS IN IMPERIAL COUNTY COUNTY PROJECT NO. 5426POE

SECTION 1. DRIP SYSTEM

A typical drip system installation shall consist of the following elements:

1-1.1 Wasteflow® Dripline

The WASTEFLOW dripline carries the water into the dispersal/reuse area. The dripline is connected to the supply and return manifolds with Compression or Lockslip fittings. Typical spacing between each dripline and between drip emitters is 24" on center.

Twelve-inch spacing is used regularly for soils with very low or high permeability. Dripline is usually buried 6"-10" below ground. Standard coil length is 500-ft. Rolls of alternative lengths, diameters and dripper spacings may be special ordered.

Wasteflow dripline features:

a.) nano-Rootguard®¹

In 2008 Wasteflow dripline will have new nano-ROOTGUARD which has an extended expected life of 30 years. The risk of root intrusion with an emitter slowly releasing nutrient rich effluent directly into the soil is well known to anyone who has observed a leaking sewer pipe. All Geoflow drip emitters are guaranteed to be protected against root intrusion with nano-Rootguard. This patented process fuses the root-growth inhibitor, Treflan®² into each drip emitter during manufacturing. Treflan is registered with the United States EPA for this application. The nano-Rootguard technology holds Treflan for extended time inside the plastic, slowly releasing it in minute quantities to prevent root cells from dividing and growing into the barrier zone. It is chemically degradable, non-systemic, and virtually insoluble in water (0.3 ppm). nano- Rootguard carries a **15-year warranty** against root intrusion.

b.) Geoshield™³ protection

Geoflow's Wasteflow has an inner lining impregnated with an antimicrobial, Tributyl tin maleate, to inhibit adhesion of biological growth on the inside walls of the tube and on the emitters. It does not have any measurable biological effect on the effluent passing through the tube. This minimizes the velocity required to flush Wasteflow dripline. The velocity only needs to move out the fine particles that pass through the 130 micron filter that, if not flushed, will ultimately accumulate at the distal end of each lateral. It is not necessary to scour growth off the inside wall of Wasteflow tubing. Since all pumps deliver more volume given less resistance to flow, just opening the flush valve will usually achieve this degree

¹ Nano-ROOTGUARD is a registered trademark of A.I. Innovations

² Treflan is a registered trademark of Dow Agro Sciences

³ Geoshield is a registered trademark of A.I. Innovations

of flushing. When a minimum flushing velocity is requested by regulators, 0.5 feet per second is used with Wasteflow dripline to get the settled particles at the bottom of the pipe back into suspension. This equates to 0.375

gpm per dripline when using standard WASTEFLOW dripline (0.55"ID)

c.) Turbulent Flow Path

Wasteflow drip emitters are pre-inserted in the tube usually spaced 6", 12", 18", or 24" apart with 24" being the most popular. Angles in the emitter flow path are designed to cause turbulence in order to equalize flow between emitters and keep the emitters clean. Geoflow emitters boast large flow paths, which, coupled with turbulent flow, have proven over the years to be extremely reliable and dependable.

d.) Wasteflow Classic and Wasteflow PC Dripline

Both WASTEFLOW Classic and WASTEFLOW PC have turbulent flow path emitters with ano-ROOTGUARD and *Geoshield* protection.

The WASTEFLOW PC has the added element of a silicone rubber diaphragm that moves up and down over the emitter outlet to equalize flows regardless of pressure between 7 and 60 psi. To ensure a long life the recommended operating range is 10 to 45 psi. For Wasteflow Classic, the flow rate delivered by the emitter is a function of the pressure at the emitter. The Classic dripline has the advantage of no moving parts or rubber that may degrade over time. Also, when minimum flushing velocities are required, the flows during a dosing cycle and flushing cycle are very similar with the Wasteflow Classic because when the flush valve is opened, the pressure is reduced, causing the flows from the emitters to decline. PC dripline requires significantly higher flow for flushing than dosing as the emitter flow does not go down during the flushing cycle.

We generally recommend using WASTEFLOW Classic, unless the economic advantages to using PC is substantial.

- i . Wasteflow PC can run longer distances than Wasteflow Classic.
- ii. Steep slopes. Systems should be designed for the dripline lateral to follow the contour. When this is practical, the extra cost of installing pressure regulators required for Wasteflow Classic would likely be less than the incremental cost of Wasteflow PC.
- iii. Rolling terrain. If the difference in height from trough to peak exceeds six feet then Wasteflow PC should be used. Vacuum relief valves must be placed at the top of each rise.

1-1.2 Controllers

Controllers are used for time dosing and time flushing of the filter and dripfields. GEO controllers include a programmable logic controller to increase flexibility and reliability in the field. They can be used on systems ranging in size from one to eight zones at the time this manual was printed. All controllers include a surge arrestor, elapsed time meter and counter. In 2007 Geoflow added a new controller with a touchscreen interface. It can vary dose times in each zone, monitor flow, ultraviolet, blower, and other optional inputs.

1-1.3 Pumps, Pump Tanks & Floats

Wasteflow dripfields depend on pumps to dose effluent under pressure to the field. These must be sized according to flow and pressure requirements. Look for submersible effluent pumps from a dependable source. Geoflow does not endorse a single manufacturer, but does advocate you use a pump that is readily serviced in your area. Two (duplex) pumps may be used. These will normally alternate at each signal from the control panel and are often used on commercial or large drip systems. Pump tanks should be sized according to your local rules and regulations. Geoflow controllers are set-up for 4 floats with the lowest one in the tank being the *redundant off float*. The *primary timer on/off float* is second from the bottom, followed by the *secondary timer float* third from the bottom and the *high level alarm float* on the top.

SECTION 2 GOPHERGUARD

Wasteflow PC 1gph

24”/ 1 gph

The dripline shall consist of nominal sized one-half inch linear low density polyethylene tubing, with turbulent flow, drip emitters bonded to the inside wall. The tubing shall have an outside diameter (O.D.) of approximately .63-inches and an inside diameter (I.D.) of approximately .54-inches. The tubing shall consist of three layers; the inside layer shall be a bactericide protection, the middle layer shall be black and the outside layer shall be purple striped for easy identification. The dripline shall include Gopherguard® to deter rodents from chewing the tube. The active ingredients in Gopherguard masterbatch shall be stable in temperatures up to 400 degrees Celsius, shall not leach out of the polymer, and shall use smell, taste and dermal irritation to put the rodents off. The dripline shall have emitters regularly spaced 24” apart. The pressure compensating emitters shall be molded from virgin polyethylene resin with a silicone rubber diaphragm. The pressure compensating emitters shall have nominal discharge rates of 1.02 gallon per hour. The emitters shall be impregnated with Treflan® to inhibit root intrusion for a minimum period of ten years and shall be guaranteed by the manufacturer to inhibit root intrusion for this period. Wasteflow PC pressure compensating dripline shall be Geoflow model number WFPC 16-4-24.

SECTION 3 HYDROSEEDING (EROSION CONTROL) [per Caltrans BMP Manual]

Hydroseeding typically consists of applying a mixture of wood fiber, seed, fertilizer, and stabilizing emulsion with hydro-mulch equipment, which temporarily protects exposed soils from erosion by water and wind. This is one of five temporary soil stabilization alternatives to consider.

APPROPRIATE APPLICATIONS: Hydroseeding is applied on disturbed soil areas requiring temporary protection until permanent vegetation is established or disturbed soil areas that must be re-disturbed following an extended period of inactivity.

LIMITATIONS:

- Hydroseeding may be used alone only when there is sufficient time in the season to ensure adequate vegetation establishment and erosion control. Otherwise, hydroseeding must be used in conjunction with a soil binder or mulching (i.e., straw mulch), refer to BMP SS-5, Table 1 for options.
- Steep slopes are difficult to protect with temporary seeding.
- Temporary seeding may not be appropriate in dry periods without supplemental irrigation.
- Temporary vegetation may have to be removed before permanent vegetation is applied.
- Temporary vegetation is not appropriate for short-term inactivity.

STANDARDS AND SPECIFICATIONS:

To select appropriate hydroseeding mixtures, an evaluation of site conditions shall be performed with respect to:

- | | |
|----------------------|----------------------------------|
| - Soil conditions | - Maintenance requirements |
| - Site topography | - Sensitive adjacent areas |
| - Season and climate | - Water availability |
| - Vegetation types | - Plans for permanent vegetation |
- Selection of hydroseeding mixtures shall be approved by the engineer.

The following steps shall be followed for implementation:

- Seed mix shall comply with the Standard Specifications Section 20-1.20, and the project's special provisions.
- Hydroseeding can be accomplished using a multiple-step process ensures maximum direct contact of the seeds to soil. When the one-step process is used to apply the mixture of fiber, seed, etc., the seed rate shall be increased to compensate for all seeds not having direct contact with the soil.

- Prior to application, roughen the slope, fill area, or area to be seeded with the furrows trending along the contours. Rolling with a crimping or punching type roller or track walking is required on all slopes prior to hydroseeding. Track walking shall only be used where other methods are impractical.
- Apply a straw mulch to keep seeds in place and to moderate soil moisture and temperature until the seeds germinate and grow, refer to Standard Specifications Sections 20-2.06 and 20-3.03.
- All seeds shall be in conformance with the California State Seed Law of the Department of Agriculture. Each seed bag shall be delivered to the site sealed and clearly marked as to species, purity, percent germination, dealer's guarantee, and dates of test; provide the Resident Engineer (RE) with such documentation. The container shall be labeled to clearly reflect the amount of Pure Live Seed (PLS) contained. All legume seeds shall be applied at a rate of 2 kg of inoculant per 100 kg of seed (2-lb inoculant per 100-lb seed), refer to Standard Specifications Section 20-2.10.
- Commercial fertilizer shall conform to the requirements of the California Food and Agricultural Code. Fertilizer shall be pelleted or granular form.
- Follow-up applications shall be made as needed to cover weak spots, and to maintain adequate soil protection.
- Avoid over-spray onto the traveled way, sidewalks, lined drainage channels, and existing vegetation.

MAINTENANCE AND INSPECTION:

- All seeded areas shall be inspected for failures and re-seeded, fertilized, and mulched within the planting season, using not less than half the original application rates. Any temporary revegetation efforts that do not provide adequate cover must be reapplied at a schedule recommended by the Resident Engineer.
- After any rainfall event, the contractor is responsible for maintaining all slopes to prevent erosion.