

#47



# COMMUNITY DEVELOPMENT SERVICES

## DEPARTMENT OF TRANSPORTATION

<http://www.edcgov.us/DOT/>

### PLACERVILLE OFFICES:

#### MAIN OFFICE:

2850 Fairlane Court, Placerville, CA 95667  
(530) 621-5941 / (530) 621-2030 Fax

#### CONSTRUCTION & MAINTENANCE:

2441 Headington Road, Placerville, CA 95667  
(530) 642-4909 / (530) 642-0508 Fax

### LAKE TAHOE OFFICES:

#### ENGINEERING:

924 B Emerald Bay Road, South Lake Tahoe, CA 96150  
(530) 573-7900 / (530) 541-7049 Fax

#### MAINTENANCE:

1121 Shakori Drive, South Lake Tahoe, CA 96150  
(530) 573-3180 / (530) 577-8402

## **Cosumnes Mine Road & Bridge Storm Damage Repairs Project Bid Protest Response**

The County of El Dorado, Department of Transportation (Transportation) advertised the Cosumnes Mine Road & Bridge Storm Damage Repairs Project (Project) and received 4 bids from:

- 1) Nichelini General Engineering for \$1,536,141.23
- 2) Steelhead Constructors, Inc. for \$1,545,989.00
- 3) Granite Construction Company for \$1,672,715.00
- 4) Viking Construction Company for \$1,958,384.00

The Engineer's Estimate for the Project was \$1,722,809.00.

The All Bidders Letter for the Project was issued on Wednesday, June 6, 2018 which stated Transportation would be recommending the rejection of the 1<sup>st</sup> and 2<sup>nd</sup> low bidders as non-responsive at the June 12, 2018 Board Meeting for the following reasons:

- 1) Find the low Bidder's, Nichelini General Engineering, proposal non-responsive, for failing to submit company and project personnel qualifications as required by section 46-1.01C(1) of the special provisions with their bid as well as using correction fluid on pages of the Proposal.
- 2) Find 2<sup>nd</sup> low Bidder's, Steelhead Constructors, Inc., proposal non-responsive, for failing to submit company and project personnel qualifications as required by section 46-1.01C(1) of the special provisions with their bid.

The two-day bid protest period began when the All Bidders Letter was sent and ended June 8, 2018 at 5:00 p.m. One bid protest was received from Steelhead Constructors, Inc. (Steelhead) on June 7, 2018 (attached). Steelhead's bid protest states the following reasons their bid should be accepted:

- 1) Section 46-1.01A of the special provisions allows a bidder to propose an alternative design. Steelhead states they propose to use a reinforced and drained embankment section instead of the soil nail system shown on the plans and included in Section 46 of the special provisions (attached). Steelhead also stated that Section 46 of the special provisions are only applicable to the "slope stabilization/soil nail system" and do not apply to the reinforced and drained embankment section they are proposing.
- 2) Steelhead stated that Section 2-1.33 of the special provisions (attached) did not include the requirement stated in Section 46-1.01C(1) and that this is an atypical location to include a Proposal requirement. Steelhead has stated they completed all

pages of the Contract Documents that started with the letter "P."

Transportation's responses to Steelhead's protest are as follows:

- 1) *Section 46-1.01A of the special provisions allows a bidder to propose an alternative design. Steelhead states they propose to use a reinforced and drained embankment section instead of the soil nail system shown on the plans and included in Section 46 of the special provisions. Steelhead also stated that Section 46 of the special provisions are only applicable to the "slope stabilization/soil nail system" and do not apply to the reinforced and drained embankment section they are proposing.*

Transportation agrees that Section 46-1.01A does allow the Contractor to propose an alternative design. The alternative design is for a "slope stabilization/soil nail system." As also stated in Section 46-1.01A, this design must also conform to the Geotechnical Memorandum that was provided as supplemental information with the Contract Documents. Steelhead's alternative, a reinforced and drained embankment section, as stated in their bid protest letter is listed in the Geotechnical Memorandum as a valid alternative. In fact, Steelhead's bid identifies \$300,000 under Item No. 11 for "Slope Stabilization/Soil Nail System." Steelhead's alternative is a slope stabilization system and therefore was included with and subject to the requirements under Section 46 of the special provisions.

Section 46 of the special provisions is titled "Ground Anchors and Soil Nails." Throughout Section 46 of the special provisions, the slope repair section is referred to as a "slope stabilization/soil nail system." The 1<sup>st</sup> paragraph of Section 46-1.01A of the special provisions states:

"Regardless of whether you propose an alternative design, provide all engineering analysis/review and related design data to include shop drawings/working drawings, slope stability modeling/analysis, and any additional geotechnical investigation needed to substantiate the slope stabilization/soil nail system design and construction."

Section 46-1.01A requires Steelhead to provide all submittals even with an alternative design, including the qualifications of the company and project personnel who will be providing the design.

Section 46-1.01C(1) of the special provisions states:

A Submit with bid, company and project personnel qualifications for the following:

- i. Company experience with a minimum of five (5) different projects completed that included the use of a slope stabilization/soil nail system within a publicly traveled roadway during the last 3 years. Include a copy of company experience and contact information for clients (owners) on the projects identified with bid submittal.
- ii. Project supervisory personnel (engineer, foreman) with a minimum of three (3) years experience utilizing slope stabilization/soil nail systems to repair roadway slipouts. Foreman must have also personally supervised a

minimum of five (5) different projects that included the construction of slope stabilization/soil nail systems within a publicly traveled roadway while maintaining at least one lane of traffic. Include a copy of resumes for project personnel, and current ACI Certification (if applicable) with bid submittal.

The requirements in Section 46-1.01C(1) are inclusive of any "slope stabilization/soil nail system" that would be proposed for this Project and therefore do apply to Steelhead.

- 2) *Steelhead stated that Section 2-1.33 of the special provisions did not include the requirement stated in Section 46-1.01C(1) and that this is an atypical location to include a Proposal requirement. Steelhead has stated they completed all pages of the Contract Documents that started with the letter "P."*

Transportation does agree that Steelhead submitted all pages of the Contract Documents that started with the letter "P" and that the requirement to submit the project personnel qualifications was not included in Section 2-1.33 of the special provisions. However, Transportation does not agree that this relieves Steelhead of their requirement to comply with the special provisions and thus submit project personnel qualifications with their bid.

The Notice to Bidders required the contractor to comply with all of "instructions given" in the Contract Documents, and "Contract Documents" is defined to include the special provisions.

Specifically, the 2<sup>nd</sup> paragraph of the Notice to Bidders (attached) states:

"Bids must be executed in accordance with the instructions given and forms provided in the Contract Documents furnished by the County of El Dorado Department of Transportation..."

The definition of "Contract Documents" as stated in Section 1-1.07B of the Special Provisions is as follows:

"The Contract Documents consist of: the Notice to Bidders; the bid forms which include the accepted Proposal, Bid Price Schedule and Total Bid, Subcontractor List, DBE Information, Equal Employment Opportunity Certification, Section 10285.1 Statement, Section 10162 Questionnaire, Section 10232 Statement, Noncollusion Affidavit, Debarment, Suspension, Ineligibility, and Voluntary Exclusion Certification, Non-lobbying Certification for Federal-Aid Contracts, Disclosure of Lobbying Activities (Standard Form LLL), Form FHWA 1273; the Contract which includes this Agreement with all Exhibits thereto, including the Fair Employment Practices Addendum and the Nondiscrimination Assurances, the Performance Bond, and Payment Bond, the Exhibit 15-G Construction Contract DBE Commitment form, Exhibit 15-H DBE Information Good Faith Efforts form; the drawings listed and identified as the Project Plans; the Special Provisions which incorporate by reference the State of California Department of Transportation (Caltrans) Standard Plans 2015,

and Standard Specifications 2015, Revised Standard Specifications, and standard drawings from the Design and Improvement Standards Manual of the County of El Dorado, revised March 8, 1994 including Resolution 199-91 and Resolution 58-94 to adopt changes to the Design and Improvement Standards Manual; all Addenda incorporated in those documents before their execution, and all Contract Change Orders issued in accordance with the Contract Documents which may be delivered or issued after the Effective Date of this Agreement and are not attached hereto; the prevailing Labor Surcharge And Equipment Rental Rates (when required) as determined by the Caltrans to be in effect on the date the Work is accomplished; all the obligations of County and of Contractor which are fully set forth and described therein; and all Contract Documents which are hereby specifically referred to and by such reference made a part hereof. All Contract Documents are intended to cooperate so that any Work called for in one and not mentioned in the other is to be executed the same as if mentioned in all Contract Documents. Contractor agrees to perform all of its promises, covenants, and conditions set forth in the Contract Documents, and to abide by and perform all terms and conditions set forth therein. In case of conflict between this Agreement and any other Contract Document, this Agreement shall take precedence.”

The Special Provisions also control over any conflicting terms under Section 5-1.02 of the Caltrans standard specifications (attached), which states:

A component in one Contract part applies as if appearing in each. The parts are complementary and describe and provide for a complete work.

If a discrepancy exists:

1. Governing ranking of Contract parts in descending order is:
  - 1.1. Special provisions
  - 1.2. Project plans
  - 1.3. Revised standard specifications
  - 1.4. Standard specifications
  - 1.5. Revised standard plans
  - 1.6. Standard plans
  - 1.7. Supplemental project information
2. Written numbers and notes on a drawing govern over graphics
3. Detail drawing governs over a general drawing
4. Specific specification governs over a general specification
5. Specification in a section governs over a specification referenced by that section

If a discrepancy is found or confusion arises, submit an RFI.

To the extent Steelhead was unsure of its obligations or questioned whether it was required to comply with Section 46-1.01(C)(1), Steelhead was required to seek clarification before submitting their bid.

Section 2-1.07 of the Caltrans standard specifications (attached) states:

Examine the job site and bid documents. Notify the Department of apparent errors and patent ambiguities in the plans, specifications, and Bid Item List. Failure to do so may result in rejection of a bid or rescission of an award.

Bid submission is your acknowledgment that you have examined the job site and bid documents and are satisfied with:

1. General and local conditions to be encountered
2. Character, quality, and scope of work to be performed
3. Quantities of materials to be furnished
4. Character, quality, and quantity
5. Requirements of the contract

The last paragraph of the "Project Administration" section on page N-6 of the Notice to Bidders (attached) states:

"Inquiries or questions based on alleged patent ambiguity of the plans, specifications, or estimate must be communicated as a bidder inquiry prior to bid opening. These inquiries or questions, submitted after bid opening will not be treated as a bid protest."

Overall, while Section 2-1.33 may not have explicitly stated the requirement to turn in the company and project personnel qualifications with their Proposal, the various Contract Document sections above show that Steelhead was required to comply with Section 46-1.01C(1) of the Special Provisions. Steelhead's bid submission was their acknowledgement they fully examined the bid documents and all the requirements of the contract and were fully aware of all the contractual requirements prior to submitting a bid.

In conclusion, Transportation has determined that their original determination that Steelhead's bid is non-responsive stands.



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June 07, 2018

County of El Dorado  
Department of Transportation  
Attn: Brian Franklin  
2850 Fairlane Court  
Placerville, CA 95667

Re: Cosumnes Mine Road & Bridge Storm Damage Repairs  
PW No. 18-31209  
CIP No. 78700/78701/78712  
Contract No. 2719

Subject: Bid Protest

Mr. Franklin,

Steelhead Constructors, Inc. (SCI) protests the County's finding SCI's proposal is non-responsive and requests the County reconsider its determination.

The County's "All Bidders Letter", received via fax June 06, 2018, find's SCI's bid non-responsive for "... failing to submit company and project personnel qualifications as required by section 46-1.01C(1) of the special provisions with their bid". (excerpt)

Per Special Provision (SP) Section 46-1.01A (SP-40), the plans depict an acceptable design using a "slope stabilization/soil nail system".

SP Section 46-1.01A also allows the prospective bidder to propose an alternate design.

SCI intends to select an alternate design system using a reinforced and drained embankment section for the repair, an acceptable repair option discussed in the Geotechnical Memorandum prepared by Crawford & Associates, Inc. included with the Contract documents.

The qualifications required by Section 46-1.01C(1) are specific to the "slope stabilization/soil nail system".

SCI will use an alternate design and not the planned "slope stabilization/soil nail system"; therefore the required qualifications under Section 46-1.01C(1) for the "slope stabilization/soil nail system" do not apply.





Furthermore, proposal requirements are typically defined in the Notice to Bidders and under *Section 2 Bidding of Division 1 General Provisions* of the Standard Specifications. In the Special Provisions, the County has replaced Standard Specification Section 2-1.33 with the following:

*Except as noted below, complete all pages of the Proposal in the Contract Documents book and submit the completed Proposal with the Bidder's Security as noted in the Notice to Bidders.*

*Submit the forms from the Proposal and form information at the times shown in the following table:*

<i>Contract type</i>	<i>Forms to be submitted at the time of bid</i>	<i>Forms to be submitted and received no later than 24 hours after bid opening<sup>a</sup></i>	<i>Forms to be submitted and received no later than 4 p.m. on the 5th business day after bid opening<sup>a</sup></i>
<i>All contracts</i>	<i>All Proposal forms including Business name and address; bid item number and bid item description of subcontracted work on the Subcontractor List</i>	<ul style="list-style-type: none"> <li>◦ <i>Subcontractor name bid item number, bid item description shown on the Subcontractor List submitted with Proposal, and the percentage of each bid item<sup>b</sup></i></li> <li><i>Correction for incorrect Contractor License # on Subcontractor List submitted with Proposal</i></li> </ul>	--
<i>Federal-aid contracts only</i>		--	<ul style="list-style-type: none"> <li>◦ <i>Local Agency Bidder - DBE – Commitment (Exhibit 15-G)</i></li> <li>◦ <i>DBE Information-Good Faith Efforts (Exhibit 15-H) and Documentation<sup>c</sup></i></li> </ul>
<p><sup>a</sup> <i>The percentage of each bid item and the 15-G and 15-H forms may be submitted at the time of bid.</i></p> <p><sup>b</sup> <i>If the information is not submitted at the time of bid email or fax to Office Engineer, email- _____, Fax-(530) 626-0387. This after-bid submittal does not apply to an informal- bid contract. For an informal bid contract, submit the completed form at the time of bid.</i></p> <p><sup>c</sup> <i>If not submitted at the time of bid, applicable only to the apparent low bidder, 2nd low bidder, and 3rd low bidder. Submit via email or fax to Office Engineer, email- _____, Fax-(530) 626-0387.</i></p>			

The Notice to Bidders and the Proposal Forms make no reference to submitting company and project personnel qualifications. The County has included this requirement under the heading *46-1.01C(1) Submittals*, a location reserved for submittal requirements *specific to construction of Ground Anchors and/or Soil Nails*; an atypical location for Proposal requirements which again is not applicable as SCI intends to select an alternate design system using a reinforced and drained embankment section for the repair.

The Contract documents' Table of Contents identifies the Proposal forms, leading the proposal form page numbers with "P-". These documents, in accordance with section 2-1.33, were submitted as our bid proposal.

SCI requests the County reassess its non-responsive finding of SCI's bid in consideration of the information provided above, and proceed with recommending award to SCI.

If you have any questions or need additional information please contact SCI at (530) 226-6400.

Respectfully,  
STEELHEAD CONSTRUCTORS, INC.  
  
\_\_\_\_\_  
Kevin Ramstrom  
President



**COUNTY OF EL DORADO, CALIFORNIA  
COMMUNITY DEVELOPMENT SERVICES  
DEPARTMENT OF TRANSPORTATION**

**NOTICE TO BIDDERS**

**NOTICE IS HEREBY GIVEN** by the County of El Dorado, State of California, that sealed bids for Work in accordance with the Project Plans (Plans) and Contract Documents designated:

**COSUMNES MINE ROAD & BRIDGE STORM DAMAGE REPAIRS  
PW No. 18-31209, CIP No. 78700/78701/78712, CONTRACT No. 2719**

Will be received by the Department of Transportation, at the front counter of 2850 Fairlane Court, Building C, Placerville, California, until **May 31, 2018 at 2:00 P.M.**, at which time bids will be publicly opened and read by the County of El Dorado Department of Transportation.

No Bid may be withdrawn after the time established for receiving bids or before the award and execution of the Contract, unless the award is delayed for a period exceeding sixty (60) calendar days. Bids must be executed in accordance with the instructions given and forms provided in the Contract Documents furnished by the County of El Dorado Department of Transportation through Quest Construction Data Network (Quest). **The Proposal including the Bidder's Security, Form 590, and Payee Data Record shall be submitted in a sealed envelope clearly marked:**

**"PROPOSAL FOR COSUMNES MINE ROAD & BRIDGE STORM DAMAGE REPAIRS"  
PW No. 18-31209, CIP No. 78700/78701/78712, Contract No. 2719  
TO BE OPENED AT 2:00 P.M. ON MAY 31, 2018**

**LOCATION/DESCRIPTION OF THE WORK:** The Project is located at PM 2.6 and 2.71 on Cosumnes Mine Road and at the North Fork Cosumnes River crossing, approximately 2 miles north of Grizzly Flats in the County of El Dorado. The Work to be done is shown on the Plans, and generally consists of, but is not limited to:

- A. The Work to be performed includes construction of a gabion/soil nail wall, roadside ditches, reconstruction of the north bridge approach fill, including constructing reinforced concrete retaining walls, modifications to the bridge abutment, and placement of rock slope protection. Other items or details not mentioned above, that are required by the Plans, Standard Plans, Standard Specifications, or these Special Provisions must be performed, constructed or installed.
- B. Bids are required for the entire Work described herein.
- C. The Contract time is SIXTY (60) WORKING DAYS.
- D. For bonding purposes the anticipated Project cost is less than \$1,800,000.
- E. A pre-bid meeting is scheduled for this Project on **May 24, 2018 at 1:30 P.M. at the Project location** at PM 2.71 on Cosumnes Mine Road. **Attendance at the pre-bid meeting is not mandatory.**
- F. This Project is being formally bid in accordance with Public Contract Code 22032 and County of El Dorado Ordinance Code section 3.14.040.

**OBTAINING OR VIEWING CONTRACT DOCUMENTS:** The Contract Documents, including the Project Plans, may be viewed and/or downloaded from the Quest website at <http://www.questcdn.com>. Interested parties may also access the Quest website by clicking on the link next to the Project Name or entering the Quest Project # on the Department of Transportation's website at <http://www.edcgov.us/Government/DOT/pages/BidsHome.aspx>.

Interested parties may view the Contract Documents, including the Project Plans, on the Quest website at no charge. The digital Contract Documents, including the Project Plans, may be downloaded for \$10.00 by inputting

the Quest Project #5690403 on the websites' Project Search page. Please contact QuestCDN.com at (952) 233-1632 or info@questcdn.com for assistance in free membership, registration, downloading, and working with this digital project information.

To be included on the planholders list, receive notification of addenda, and to be eligible to bid interested parties must download the Contract Documents, including the Project Plans, from Quest. Those downloading the Contract Documents, including the Project Plans, assume responsibility and risk for completeness of the downloaded Contract Documents.

The Contract Documents, including the Project Plans, may be examined in person at the Department of Transportation's office at 2850 Fairlane Court, Placerville, CA. However, the Department of Transportation will no longer sell paper copies of the Contract Documents.

The following Supplemental Project Information/Information Handout will be provided in pdf format as part of the Contract Documents on Quest's website to all planholders who acquire the Contract Documents digitally through Quest:

- Foundation Technical Memorandum (Bridge Location) & Geotechnical Memorandum (Slipout Location #1)

**CONTRACTORS LICENSE CLASSIFICATION:** Bidders must be properly licensed to perform the Work pursuant to the Contractors' State License Law (Business and Professions Code Section 7000 et seq.) and must possess a **CLASS A** license or equivalent combination of Classes required by the categories and type of Work included in the Contract Documents and Plans at the time the Contract is awarded, and must maintain a valid license through completion and acceptance of the Work, including the guarantee and acceptance period. Failure of the successful Bidder to obtain proper adequate licensing will constitute a failure to execute the Contract and will result in the forfeiture of the Bidder's security.

**BUSINESS LICENSE:** The County Business License Ordinance provides that it is unlawful for any person to furnish supplies or services, or transact any kind of business in the unincorporated territory of the County of El Dorado without possessing a County business license unless exempt under County Ordinance Code Section 5.08.070. The Bidder to whom an award is made must comply with all of the requirements of the County Business License Ordinance, where applicable, prior to beginning Work under this Contract and at all times during the term of this Contract.

**CONTRACTOR REGISTRATION:** No contractor or subcontractor may bid on any public works project, be listed in a bid proposal for any public works project, or engage in the performance of any contract for public work unless registered with the Department of Industrial Relations pursuant to Labor Code sections 1725.5 and 1771.1.

An inadvertent error in listing a subcontractor who is not registered pursuant to Section 1725.5 in a bid proposal shall not be grounds for filing a bid protest or grounds for considering the bid nonresponsive if the requirements of Labor Code section 1771.1 are met.

**SUBCONTRACTOR LIST:** Each Proposal must have listed therein the name, contractor's license number, DIR number, and address of each subcontractor to whom the bidder proposes to subcontract portions of the Work in an amount in excess of 0.5% of the total bid or \$10,000, whichever is greater, in accordance with the Subletting and Subcontracting Fair Practices Act, commencing with Section 4100 of the Public Contract Code. The Bidder must also describe in the Subcontractor List the Work to be performed by each subcontractor listed. The Work to be performed by the subcontractor must be shown by listing the bid item number, bid item description, and portion of the Work to be performed by the subcontractor in the form of a percentage (not to exceed 100%) calculated by dividing the Work to be performed by the subcontractor by the respective bid item amount(s) (not by the total bid price).

The percentage of each bid item subcontracted must be submitted with the Bidder's bid. At the time the Contract is awarded, all listed subcontractors must be properly licensed to perform their designated portion of the Work. The bidder's attention is directed to other provisions of the Act related to the imposition of penalties for failure to observe its provisions by using unauthorized subcontractors or by making unauthorized substitutions.

An inadvertent error in listing the California Contractor license number on the Subcontractor List will not be



grounds for filing a bid protest or grounds for considering the bid non-responsive if the Bidder submits the corrected contractor's license number to Brian Franklin via fax or email as noted above within 24 hours after the bid opening, provided the corrected contractor's license number corresponds to the submitted name and location for that subcontractor.

**BUY AMERICA:** This Project is subject to the "Buy America" provisions of the Surface Transportation Assistance Act of 1982, as amended by the Intermodal Surface Transportation Efficiency Act of 1991, and the Moving Ahead for Progress in the 21<sup>st</sup> Century Act (MAP-21).

**DISADVANTAGED BUSINESS ENTERPRISE (DBE) PARTICIPATION** For Federal-aid projects, DBE requirements of Title 49 Part 26 of the Code of Federal Regulations (49 CFR 26) apply. Bidders are advised that, as required by Federal law, the County of El Dorado has implemented Disadvantaged Business Enterprise requirements for Disadvantaged Business Enterprises (DBE). Comply with Section 2-1.12 and Section 5-1.13.

Bidder will take all necessary affirmative steps to assure that minority firms, women's business enterprises and labor surplus area firms are used when possible.

The Disadvantaged Business Enterprise (DBE) Contract goal is 12%.

The UDBE Good Faith Effort Submittal Information Handout and the County of El Dorado DBE Training Presentation is available at <http://www.edcgov.us/Government/DOT/pages/DBE.aspx>. The problems and solutions listed in the Handout apply to DBE Good Faith Efforts Submittals.

**NONDISCRIMINATION:** Comply with Chapter 5 of Division 4 of Title 2, California Code of Regulations and the following.

**NOTICE OF REQUIREMENT FOR NONDISCRIMINATION PROGRAM  
(GOVERNMENT CODE SECTION 12990)**

Comply with Section 7-1.021(2), "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.

Comply with the additional nondiscrimination and fair employment practices provisions in the *Draft Agreement* contained in these Contract Documents that will apply to this Federal-aid Contract.

The Department of Transportation hereby notifies all Bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, minority 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, sex, national origin, religion, age, or disability in consideration for the award.

**PREVAILING WAGE REQUIREMENTS:** In accordance with the provisions of California Labor Code Sections 1770 et seq., including but not limited to Sections 1773, 1773.1, 1773.2, 1773.6, and 1773.7, the general prevailing rate of wages in the county in which the Work is to be done has been determined by the Director of the California Department of Industrial Relations. Interested parties can obtain the current wage information by submitting their requests to the Department of Industrial Relations, Division of Labor Statistics and Research, PO Box 420603, San Francisco CA 94142-0603, Telephone (415) 703-4708 or by referring to the website at <http://www.dir.ca.gov/OPRL/PWD>. The rates at the time of the bid advertisement date of a project will remain in effect for the life of the project in accordance with the California Code of Regulations, as modified and effective January 27, 1997.

Copies of the general prevailing rate of wages in the county in which the Work is to be done are also on file at the Department of Transportation's principal office, and are available upon request, and in case of projects involving Federal funds, Federal wage requirements as predetermined by the United States Secretary of Labor have been included in the Contract Documents. Addenda to modify the Federal minimum wage rates, if necessary, will be issued as described in the Project Administration section of this Notice to Bidders.

In accordance with the provisions of Labor Code 1810, eight (8) hours of labor constitutes a legal day's work upon all work done hereunder, and Contractor and any subcontractor employed under this Contract must conform to and be bound by the provisions of Labor Code Sections 1810 through 1815.

This Project is subject to the requirements of Title 8, Chapter 8, Subchapter 4.5 of the California Code of Regulations including the obligation to furnish certified payroll records directly to the Compliance Monitoring Unit under the Labor Commissioner within the Department of Industrial Relations Division of Labor Standards Enforcement in accordance with Section 16461.

In the case of Federally funded projects, where Federal and state prevailing wage requirements apply, compliance with both is required. This Project is funded in whole or part by Federal funds. Comply with Exhibit D of the Draft Agreement and the Copeland Act (18 U.S.C. 874 and 29 CFR Part 3), the Davis-Bacon Act (40 U.S.C. 276a to 276a-7 and 29 CFR Part 5), and the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330 and 29 CFR Part 5).

If there is a difference between the minimum wage rates predetermined by the Secretary of Labor and the general prevailing wage rates determined by the Director of the California Department of Industrial Relations for similar classifications of labor, Contractor and subcontractors must pay not less than the higher wage rate. The Department of Transportation will not accept lower State wage rates not specifically included in the Federal minimum wage determinations. This includes "helper" (or other classifications based on hours of experience) or any other classification not appearing in the Federal wage determinations. Where Federal wage determinations do not contain the State wage rate determination otherwise available for use by Contractor and subcontractors, Contractor and subcontractors must pay not less than the Federal minimum wage rate which most closely approximates the duties of the employees in question.

**TRAINING:** For the Federal training program, the number of trainees or apprentices is zero (0).

**BID SECURITY:** A bid security must be provided with each bid. Bid security must be in an amount of not less than ten percent (10%) of the total amount of the Bid for bid and must be cash, a certified check or cashier's check drawn to the order of the County of El Dorado or a Bidder's Bond executed by a surety satisfactory to the County of El Dorado on the form provided in the Proposal section of these Contract Documents.

**BID PROTEST PROCEDURE:** The protest procedure is intended to handle and resolve disputes related to the bid award for this Project pursuant to 2 Code of Federal Regulations Part 200.318(k) and County of El Dorado policies and procedures. A protestor must exhaust all administrative remedies with the County of El Dorado before pursuing a protest with a Federal Agency. Reviews of protests by the Federal agency will be limited to:

1. Violations of Federal law or regulations and the standards of 2 Code of Federal Regulations Part 200.318(k). Violations of State of California or local law will be under the jurisdiction of the State of California or the County of El Dorado; and
2. Violation of the County of El Dorado's protest procedures for failure to review a complaint or protest. Protests received by the Federal agency other than those specified above will be referred to the County of El Dorado.

The protest procedure is an extension of the bid process and allows those who wish to protest the recommendation of an award after bid the opportunity to be heard.

**Policy:** Upon completion of the bid evaluation, the Department of Transportation will notify all bidders of the recommendation of award, the basis therefore, and the date and time on which the recommendation for award will be considered and acted upon by the Board of Supervisors. All bidders may attend the Board of Supervisors meeting at the time the agenda item is considered, address the Board of Supervisors, and be heard.

**Procedure:** If a bidder wishes to protest the award, this is the procedure:



1. The Department of Transportation will review the bids received in a timely fashion under the terms and conditions of the Notice to Bidders, and notify the bidders in writing, at the fax number designated in the Proposal, of its recommendation including for award or rejection of bids ("All Bidders Letter").
2. Within two (2) business days from the date of the "All Bidders Letter," the Bidder protesting the recommendation for award must submit a letter of protest to and must be received by the County of El Dorado, Department of Transportation, Attention Brian Franklin, 2850 Fairlane Court, Placerville, CA 95667, and state in detail the basis and reasons for the protest. The Bidder must provide facts to support the protest, including any evidence it wishes to be considered, together with the law, rule, regulation, or criteria on which the protest is based.
3. If the Department of Transportation Division finds the protest to be valid, it may modify its award recommendations and notify all bidders of that decision. If the Department of Transportation does not agree with the protest, or otherwise fails to resolve the protest, the Department of Transportation will notify the bid protestor and all interested parties of its decision and the date and time that the recommendation for award will be agendaized for the Board of Supervisors' consideration and action. The Department of Transportation will also include in its report to the Board of Supervisors the details of the bid protest.
4. The Bidder may attend the Board of Supervisors meeting at which the recommendation and bid protest will be considered. The Board of Supervisors will take comment from the Bidder, staff, and members of the public who wish to speak on the item. In the event that the Bidder is not in attendance at that time, the bid protest may be dismissed by the Board of Supervisors without further consideration of the merits; and

The decision of the Board of Supervisors on the bid protest will be final.

**AWARD OF CONTRACT:** Bids will be considered for award by the Board of Supervisors. The County of El Dorado reserves the right after opening bids to reject any or all bids, to waive any irregularity in a bid, or to make award to the lowest responsive, responsible Bidder and reject all other bids, as it may best serve the interests of the County.

As a condition of award, the successful Bidder will be required to submit bonds and evidence of insurance prior to execution of the Agreement by the County. Failure to meet this requirement constitutes abandonment of the Bid by the Bidder and forfeiture of the Bidder's security. Award will then be made to the next lowest, responsive, responsible Bidder.

Office Engineer must receive all required documents within five (5) business days of the date of the Notice of Award of Contract letter.

**RETAINAGE FROM PAYMENTS:** The Contractor may elect to receive one hundred percent (100%) of payments due under the Contract from time to time, without retention of any portion of the payment by the County, by depositing securities of equivalent value with the County in accordance with the provisions of Section 22300 of the Public Contract Code. Securities eligible for deposit hereunder are be limited to those listed in Section 16430 of the Government Code, or bank or savings and loan certificates of deposit.

**PROJECT ADMINISTRATION:** Submit all Requests for Information (RFI) during the bid period on the Quest website under the Quest #5690403 under "Project Q&A". If the response does not require an addendum, a response will be posted on the Quest website under the RFI under "Project Q&A". It is the bidders' responsibility to check this website under "Project Q&A" for responses to bidders' inquiries during the bid period. Addenda will be uploaded in pdf format to Quest's website and Quest will issue an automatic email notification to all planholders that have acquired the Contract Documents digitally through Quest. The list of planholders will be available on Quest's website under "View Planholders".

No oral responses to any questions concerning the content of the Contract Documents will be given. All responses will be in the form of written addenda to the Contract Documents or written responses to bidders' inquiries. Responses to bidders' inquiries and addenda will be posted on the Quest website as described above.

Inquiries or questions based on alleged patent ambiguity of the plans, specifications, or estimate must be communicated as a bidder inquiry prior to bid opening. These inquiries or questions, submitted after bid opening will not be treated as a bid protest.

**BY ORDER OF** the Director of the Department of Transportation, County of El Dorado, State of California.

Authorized by the Board of Supervisors on May 8, 2018, at Placerville, California.

By   
Rafael Martinez, Director  
Community Development Services  
Department of Transportation





3. Mc Graw-Hill Construction Dodge at [www.fwdodge.com](http://www.fwdodge.com)
4. Construction Bid Board at [www.ebidboard.com](http://www.ebidboard.com)
5. iSqFt at [www.isqft.com](http://www.isqft.com)
6. Quest Construction Data Network's website as described in the *Notice to Bidders*

The Notice to Bidders can be viewed at <http://www.edcgov.us/Government/DOT/pages/BidsHome.aspx>.

The *Notice to Bidders* includes how and where to obtain the Contract Documents book, the project Plans, and the Supplemental Project Information.

The Contract Documents book includes the *Notice to Bidders, Revised Standard Specifications, Special Provisions, Proposal, and Contract*.

**Replace the 3rd paragraph of section 2-1.06B with:**

If an *Informational Handout* or cross sections are available you may view and/or download them at as described in the *Notice to Bidders*.

**Add to section 2-1.06B:**

Availability of and requests for rock cores, other supplemental project information, and bridge as-built drawings described in this section apply only to projects on the State Highway System.

**Replace "RESERVED" in section 2-1.08 with:**

Section 2-1.08 applies to a Federal-aid contract.

Under 31 USC § 1352:

None of the funds appropriated by any Act may be expended by the recipient of a Federal contract, grant, loan, or cooperative agreement to pay 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:

- (1) The awarding of any Federal contract.
- (2) The making of any Federal grant.
- (3) The making of any Federal loan.
- (4) The entering into of any cooperative agreement.
- (5) The extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

If any funds other than Federal funds have been paid for the same purposes in connection with this Federal-aid contract, submit an executed certification and, if required, submit a completed disclosure form as part your Proposal.

A certification for Federal-aid contracts regarding payment of funds to lobby Congress or a Federal agency is included in the Proposal. Standard Form - LLL, "Disclosure of Lobbying Activities," with instructions for completion of the Standard Form is also included in the Proposal. Signing the Proposal constitutes signature of the Certification.

The certification and disclosure of lobbying activities must be included in each subcontract and any lower-tier contracts exceeding \$100,000. Submit all disclosure forms regardless of tier, but not certifications.

You, your subcontractors, and any lower-tier contractors must file a disclosure form at the end of each calendar quarter in which there occurs any event that requires disclosure or that materially affects the accuracy of the information contained in any disclosure form you, your subcontractors, and any lower-tier contractors previously filed. An event that materially affects the accuracy of the information reported includes:

- A. A cumulative increase of \$25,000 or more in the amount paid or expected to be paid for influencing or attempting to influence a covered Federal action; or
- B. A change in the person(s) or individual(s) influencing or attempting to influence a covered Federal action; or,
- C. A change in the officer(s), employee(s), or Member(s) contacted to influence or attempt to influence a covered Federal action.

**Replace "Bid Item List" in section 2-1.09 with:**

Proposal Pay Items and Bid Price Schedule.

**Replace the 2<sup>nd</sup> paragraph in section 2-1.10 with:**

The Subcontractor List in the Proposal must show the name, contractor's license number, address, and work portions to be performed by each subcontractor listed. The work portion to be performed must be shown by listing the bid item number, bid item description, and portion of the work to be performed by the subcontractor in the form of a percentage (not to exceed 100%) calculated by dividing the work to be performed by the subcontractor by the respective bid item amount(s) (not by the total bid price).

An inadvertent error in listing the California Contractor license number on the Subcontractor List will not be grounds for filing a bid protest or grounds for considering the bid non-responsive if the Bidder submits the corrected contractor's license number to Brian Franklin via fax (530) 626-0387 or email [Brian.Franklin@edcgov.us](mailto:Brian.Franklin@edcgov.us) within 24 hours after the bid opening, provided the corrected contractor's license number corresponds to the submitted name and location for that subcontractor.

**Add to section 2-1.12B(1):**

The Contractor must also carry out applicable requirements of 2 CFR Part 200.321 in the award and administration of this UNITED STATES DEPARTMENT OF TRANSPORTATION (USDOT)-assisted Contract. The applicable requirements of 2 CFR Part 200.321 are as follows:

1. *Contracting with small and minority firms, women's business enterprise and labor surplus area firms.*
  - a. 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.
  - b. Affirmative steps must include:
    - i. Placing qualified small and minority businesses and women's business enterprises on solicitation lists;
    - ii. Assuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources;
    - iii. 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;
    - iv. Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority business, and women's business enterprises;
    - v. Using the services and assistance of the Small Business Administration, and the Minority Business Development Agency of the Department of Commerce; and

- vi. Requiring the prime contractor, if subcontracts are to be let, to take the affirmative steps listed in paragraphs (a)(2) (i) through (v) of this section.

Bidder will take all necessary affirmative steps to assure that minority firms, women's business enterprises and labor surplus area firms are used when possible.

**Add to section 2-1.12B(3):**

As provided in 49 CFR 26.53(d) if the Department determines that the apparent successful Bidder failed to meet the Good Faith Effort requirements, the Department will provide the apparent successful low Bidder an opportunity for administrative reconsideration before awarding the Contract. The Department will provide the apparent successful low Bidder an opportunity to submit written documentation or argument and meet in person with the reconsideration official concerning the issue of whether it met the goal or made adequate good faith efforts to do so. The reconsideration official is someone who did not participate in the original determination that the goal or good faith effort was not met.

**Replace section 2-1.15 "DISABLED VETERAN BUSINESS ENTERPRISES" with:**

**2-1.15 RESERVED**

**Replace section 2-1.18 "SMALL BUSINESS AND NON-SMALL BUSINESS SUBCONTRACTOR PREFERENCES" with:**

**2-1.18 RESERVED**

**Replace section 2-1.27 "CALIFORNIA COMPANIES" with:**

**2-1.27 RESERVED**

**Replace section 2-1.33 with:**

Except as noted below, complete all pages of the Proposal in the Contract Documents book and submit the completed Proposal with the Bidder's Security as noted in the *Notice to Bidders*.

Submit the forms from the Proposal and form information at the times shown in the following table:

Contract type	Forms to be submitted at the time of bid	Forms to be submitted and received no later than 24 hours after bid opening <sup>a</sup>	Forms to be submitted and received no later than 4 p.m. on the 5th business day after bid opening <sup>a</sup>
All contracts	All Proposal forms including Business name and address; bid item number and bid item description of subcontracted work on the Subcontractor List	<ul style="list-style-type: none"> <li>Subcontractor name bid item number, bid item description shown on the Subcontractor List submitted with Proposal, and the percentage of each bid item<sup>b</sup></li> </ul> Correction for incorrect Contractor License # on Subcontractor List submitted with Proposal	--
Federal-aid contracts only		--	<ul style="list-style-type: none"> <li>Local Agency Bidder - DBE – Commitment (Exhibit 15-G)</li> <li>DBE Information-Good Faith Efforts (Exhibit 15-H) and Documentation<sup>c</sup></li> </ul>
<sup>a</sup> The percentage of each bid item and the 15-G and 15-H forms may be submitted at the time of bid. <sup>b</sup> If the information is not submitted at the time of bid email or fax to Office Engineer, email- <a href="mailto:Brian.Franklin@edcgov.us">Brian.Franklin@edcgov.us</a> , Fax-(530) 626-0387. This after-bid submittal does not apply to an informal-bid contract. For an informal bid contract, submit the completed form at the time of bid. <sup>c</sup> If not submitted at the time of bid, applicable only to the apparent low bidder, 2nd low bidder, and 3rd low bidder. Submit via email or fax to Office Engineer, email- <a href="mailto:Brian.Franklin@edcgov.us">Brian.Franklin@edcgov.us</a> , Fax-(530) 626-0387.			

Failure to submit the forms and information as specified results in a nonresponsive bid.

If an agent other than the authorized corporation officer or a partnership member signs the bid, submit a Power of Attorney authorizing the agent to sign on behalf of the principal with the bid. Otherwise, the bid may be disregarded as irregular or unauthorized.

**Replace the 4<sup>th</sup> item of the 1<sup>st</sup> paragraph of section 2-1.34 with:**

- (a) Bidder's bond signed by an authorized representative of a surety insurer who is licensed in California. The authorized representative's signature must be notarized and authorization documentation must be provided.

**Delete the 5<sup>th</sup> item of the 1<sup>st</sup> paragraph and the 3<sup>rd</sup> paragraph of section 2-1.34.**

**Replace the last paragraph of section 2-1.34 with:**

If using a bidders bond, you must complete the Bidder's bond form included in in the Contract Documents following the Proposal and submit it with your proposal.

**Delete the 2<sup>nd</sup> paragraph of section 2-1.40.**

Replace "Reserved" in section 2-1.44 with:

**2-1.44 BID PROTEST PROCEDURE**

The protest procedure is intended to handle and resolve disputes related to the bid award for this project pursuant to 2 Code of Federal Regulations Part 200.318(k) and County policies and procedures. A protestor must exhaust all administrative remedies with County before pursuing a protest with a Federal Agency. Reviews of protests by the Federal agency will be limited to:

1. Violations of Federal law or regulations and the standards of 2 Code of Federal Regulations Part 200.318(k). Violations of State of California or local law will be under the jurisdiction of the State or County; and
2. Violation of County's protest procedures for failure to review a complaint or protest. Protests received by the Federal agency other than those specified above will be referred to County.

The protest procedure is an extension of the formal bid process and allows those who wish to protest the recommendation of an award after bid the opportunity to be heard.

**Policy:** Upon completion of the bid evaluation, the Department will notify all bidders of the recommendation of award, the basis therefore, and the date and time on which the recommendation for award will be considered and acted upon by the Board of Supervisors. All bidders may attend the Board of Supervisors meeting at the time the agenda item is considered, address the Board of Supervisors, and be heard.

**Procedure:** If you wish to protest the award, this is the procedure:

1. The Department will review the bids received in a timely fashion under the terms and conditions of the *Notice to Bidders*, and notify you in writing, at the fax number designated in the Proposal, of its recommendation including for award or rejection of bids ("All Bidders Letter").
2. Within two (2) business days from the date of the "All Bidders Letter," the Bidder protesting the recommendation for award must submit a letter of protest to and must be received by Office Engineer, Attention Brian Franklin, and State in detail the basis and reasons for the protest. The Bidder must provide facts to support the protest, including any evidence it wishes to be considered, together with the law, rule, regulation, or criteria on which the protest is based.
3. If the Department finds the protest to be valid, it may modify its award recommendations and notify all bidders of that decision. If the Department does not agree with the protest, or otherwise fails to resolve the protest, the Department will notify the bid protestor and all interested parties of its decision and the date and time that the recommendation for award will be agendized for the Board of Supervisors' consideration and action. The Department will also include in its report to the Board of Supervisors the details of the bid protest.
4. The Bidder may attend the Board of Supervisors meeting at which the recommendation and bid protest will be considered. The Board of Supervisors will take comment from the Bidder, staff, and members of the public who wish to speak on the item. If the Bidder is not in attendance at that time, the bid protest may be dismissed by the Board of Supervisors without further consideration of the merits; and

The decision of the Board of Supervisors on the bid protest will be final.

Replace the 1<sup>st</sup> sentence in section 2-1.46 with:

County Board of Supervisors' decision on the bid award is final.









You are fully responsible for all work performed associated with the engineering analysis, specialty design considerations (if deviating from the provided details or beyond the scope of the details provided) and construction of the slope stabilization/soil nail system. You will be held liable for the performance of the slope stabilization/soil nail system for two (2) years in the form of the performance bond guaranteeing the roadway platform stability for the repaired section. Survey control points will be installed to monitor any potential post construction movement and measure slope stabilization/soil nail system performance. These control points will be provided by County and installed following completion of the project improvements.

You may use Geotechnical Memorandum No. 16-303.8 prepared by Crawford & Associates, however, any additional geotechnical information needed to substantiate design changes or other engineering analysis considerations and requirements are your responsibility to provide.

**Replace section 46-1.01C(1) with:**

**46-1.01C(1) Submittals**

- A. Submit with bid, company and project personnel qualifications for the following:
- i. Company experience with a minimum of five (5) different projects completed that included the use of a slope stabilization/soil nail system within a publicly traveled roadway during the last 3 years. Include a copy of company experience and contact information for clients (owners) on the projects identified with bid submittal.
  - ii. Project supervisory personnel (engineer, foreman) with a minimum of three (3) years experience utilizing slope stabilization/soil nail systems to repair roadway slipouts. Foreman must have also personally supervised a minimum of five (5) different projects that included the construction of slope stabilization/soil nail systems within a publicly traveled roadway while maintaining at least one lane of traffic. Include a copy of resumes for project personnel, and current ACI Certification (if applicable) with bid submittal.
- B. Submit the following items within 10 working days of the date of the Notice of Award letter:
- i. Slope stabilization/soil nail system engineered shop drawings and working drawings (signed and stamped) for County review and approval.
  - ii. Slope stabilization/soil nail system engineering analysis and calculations (signed and stamped) for County review and approval.
  - iii. Slope stabilization/soil nail system Quality Control (QC) and Testing Plan (signed and stamped) for County review and approval
- Allow 10 working days for County review of all slope stabilization/soil nail system submittals.
- C. Submit the following items concurrent with installation activities and when available (no later than 2 working days after testing is complete)
- i. Installation and QC testing reports for installed soil nails and performed in the field for County review and approval.

**Replace section 46-1.01C(2) with:**

**46-1.01C(2) Engineered Shop Drawings, Engineering Analysis and Calculations, and Quality Control (QC) and Testing Plan**

Submit shop drawings (and working drawings), engineering analysis, and a testing plan for County approval within 10 working days of the date of the Notice of Award letter. Notify the Engineer of the submittal.

The engineered shop drawings (and working drawings) must include:

1. Contractor and designer name, address, telephone, and contact information.
2. Construction schedule and sequence of installing and grouting
3. Encapsulation details
4. Details and Specifications for:
  - a. Anchorage system
  - b. Production soil nails (spacing, length, drilling diameter, bar specifications, angle of installation, etc.)
  - c. Profile and layout drawings and details of the soil nail system
  - d. Installation sequences and step by step descriptions of construction activities
5. Drilling methods and equipment, to include:
  - a. List and sizes of proposed drilling rigs, tools, tremies, and grouting equipment
  - b. Drilling and grouting methods and procedures (including minimum required cure times)
  - c. Grout mix design and mix testing results
6. Details for test nails to include bonded and unbonded lengths if applicable. If packers or other similar devices are to be used, include the type.
7. Soil nail shop drawings must be sealed and signed by a Registered Professional Engineer, licensed in the State of California, who is knowledgeable in the design and implementation of the proposed slope stabilization/soil nail system

The engineering analysis and calculations must include:

1. Evaluation and design considering the entire length of proposed wall (along multiple cross sections of interest) to include the critical loading conditions and maximum wall height
2. Assumed bond strength
3. Assumed geotechnical conditions (and any reports or findings associated with additional site geotechnical investigation studies performed)
4. Design pull-out resistance (in bedrock and soil)
5. Live load surcharge and seismic loading
6. Minimum factor of safety of 1.5 under static conditions and 1.1 under seismic conditions
7. Conformation with the design soil parameters, live load surcharge, and lateral seismic load as shown in the project plans.

8. Compliance with AASHTO Specifications, FHWA, Caltrans, or accepted industry standards for any specific items not addressed herein or elsewhere in the Contract Documents
9. Other slope stability modeling/analysis programs/software as needed to complete design
10. Embedment considerations into competent bedrock or soil
11. Bearing plate sizing and fastener requirements
12. Engineering analysis and calculations must be sealed and signed by a Registered Professional Engineer, licensed in the State of California, who is knowledgeable in the design and implementation of the proposed slope stabilization system

The Quality Control (QC) and Testing Plan must include:

1. Location of two (2) each test soil nails to verify geotechnical conditions and soil nail system performance to include:
  - a. Pull-out resistance (load) over time intervals (for each soil nail tested)
  - b. Movement during the loading (for each soil nail tested)
  - c. Multiple testing locations (minimum of one (1) each in the critical loading section)
  - d. Test load schedule and hold times (varying between 1 to 60 minutes for different load increment).
2. Soil nail testing details, methods, and procedures
3. Soil nail testing equipment, to include:
  - a. Jacking frame and any necessary braces or supports
  - b. Method and equipment for measuring movement during testing
  - c. Calibration standards and operating guidelines
4. Acceptance Criteria that includes:
  - a. Requirements for proper installation
  - b. Performance requirements associated with allowable movement and creep measurements (both during installation and testing, and post construction)
  - c. Testing performance requirements to include allowable movement and pull-out resistance
  - d. Other acceptance requirements or considerations
  - e. Plan for failed or rejected soil nails
5. QC and Testing Plan must be sealed and signed by a Registered Professional Engineer, licensed in the State of California, who is knowledgeable in the design and implementation of the proposed slope stabilization system

**Delete section 46-1.01C(3).**

**Delete section 46-1.01D.**

**Delete section 46-3.01C.**

**Replace section 46-3.01D with:**

**46-3.01D Quality Control (QC) and Testing**

All quality control (QC) and testing must be performed according the approved QC and Testing Plan (as detailed in section 46-1.01C(2)).

Submit installation and QC testing reports for County review and approval no later than 2 working days following testing completion. These reports at a minimum must include the following items:

1. Soil nail location (nail ID number)
2. Time, date, and details of:
  - a. Drilling (method, depth, diameter, material observations, soil and rock classification, ground waters encountered, etc.)
  - b. Installation (notes, bar specifications, observations, material characteristics, etc.)
  - c. Grouting (theoretical grout volume and actual grout volume, temperature, pressure, flow and density, mix design, materials, etc.)
  - d. Testing (notes, acceptance criteria, movements, load increments, time, etc.)
3. Inspection items during each stage
4. Other applicable pictures, sketches, and field notes or observations to reinforce the QC and testing details

Conduct a preconstruction meeting a minimum of 48 hours prior to starting construction of the slope stabilization/soil nail system. The preconstruction meeting must include the following items:

1. Involvement by all key personnel in the soil nail operation, to include:
  - a. Field supervisory and key personnel
  - b. QC personnel
  - c. Other supervisory and key personnel (subcontractors, inspectors, etc.)
2. Discussion and review of design and construction requirements as outlined in the approved submittals
3. Discussion of construction sequences, inspection considerations, and testing requirements (including acceptance criteria)
4. Safety considerations and requirements to include reviewing the Job Hazard Analysis (JHA)
5. Plan and scheduling for an initial or follow up meeting which must occur near the end of shift on the first day of construction, to recap findings and effectiveness associated with items discussed during Preconstruction Meeting
6. Plan for identifying and mitigating deficient work

7. All findings and discussion associated with the Preconstruction Meeting must be discussed with the field crews prior to beginning work. If changes in the activity or site conditions occur, the plans must be updated to reflect these changes and additional follow up or Preconstruction Meetings may be needed. All changes to the work plan that impact the approved submittals must be approved by the Engineer.

**Add to the 2<sup>nd</sup> paragraph of section 46-3.01D(2)(b)(ii)(3):**

In addition to the proof test soil nails shown, install and test one proof test soil nail at locations determined by the Engineer.

**Replace section 46-3.03 with:**

**46-3.03 CONSTRUCTION**

All construction activities must adhere to the approved slope stabilization/soil nail system submittals and the requirements of the project specification. For items not addressed in these documents, construction activities must comply with Caltrans specifications, AASHTO, or accepted industry standards.

During construction activities the Contractor must comply with the following requirements:

1. Daily communication with the Engineer to coordinate inspection needs for drilling, installation, grouting, and testing of soil nails.
2. Contractor must ensure worker safety and communicate the Job Hazard Analysis (JHA) to all crews, inspectors, and personnel on the project site.
3. Stabilize drill holes with temporary casings if unstable or caving material is anticipated or encountered. Do not use drilling fluids to stabilize drill holes or remove cuttings unless approved by Engineer.
4. Maintain all drilling fluids and materials in work area to ensure full capture and containment. Contractor must employ additional BMPs as needed to prevent the potential for runoff or discharge during construction activities.
5. Install and grout the soil nails in the same work shift that the holes are drilled.
6. Use centralizers as needed or required in the approved submittals to steel bars remain centered in the drilled hole.
7. Verify and record the drilled hole length, material observations, and other drilling items noted in the installation and QC testing reports before grouting.
8. During grouting operations, inject the grout at the low end of the drilled hole. Fill the drilled hole with a dense grout, free of voids and foreign material. Clean the hole of all latent materials prior to grouting to ensure adequate bonding. Grout the hole in 1 continuous operation, at a slow even rate to prevent voids. Do not use cold joints in the grout placement.
9. After placing the grout, the soil nails must remain undisturbed for the minimum cure time indicated in the approved submittals.

**Replace section 46-3.04 with:**

**46-3.04 PAYMENT**

Slope stabilization/soil nail system is paid based on a lump sum to complete the work items and requirements identified in the project plans and specifications. This includes all costs associated with the



### **2-1.07 JOB SITE AND DOCUMENT EXAMINATION**

Examine the job site and bid documents. Notify the Department of apparent errors and patent ambiguities in the plans, specifications, and Bid Item List. Failure to do so may result in rejection of a bid or rescission of an award.

Bid submission is your acknowledgment that you have examined the job site and bid documents and are satisfied with:

1. General and local conditions to be encountered
2. Character, quality, and scope of work to be performed
3. Quantities of materials to be furnished
4. Character, quality, and quantity of surface and subsurface materials or obstacles
5. Requirements of the contract



## **5-1.02 CONTRACT COMPONENTS**

A component in one Contract part applies as if appearing in each. The parts are complementary and describe and provide for a complete work.

If a discrepancy exists:

1. Governing ranking of Contract parts in descending order is:
  - 1.1. Special provisions
  - 1.2. Project plans
  - 1.3. Revised standard specifications
  - 1.4. Standard specifications
  - 1.5. Revised standard plans
  - 1.6. Standard plans
  - 1.7. Supplemental project information
2. Written numbers and notes on a drawing govern over graphics
3. Detail drawing governs over a general drawing
4. Specific specification governs over a general specification
5. Specification in a section governs over a specification referenced by that section

If a discrepancy is found or confusion arises, submit an RFI.