

June 20, 2016



GOLDEN GATE BRIDGE  
PHYSICAL SUICIDE DETERRENT SYSTEM  
FEDERAL-AID PROJECT: BHLS-6003(051)  
and  
WIND RETROFIT  
FEDERAL-AID PROJECT: BHLS-6003(052)

Contract No. 2016-B-1

To: Prospective Bidders

RE: **Response to Bidders' Question No. 226 through 236**

Ladies and Gentlemen:

The following are the responses to questions submitted by prospective bidders and designated as Bid Question No. 226 through 236:

**BID QUESTION No. 226:**

When are the Security Sensitive Project Documents required to be returned?

**RESPONSE:**

*If prior to the bid opening date, a company decides it no longer wants to participate in the bidding process for this Project, the company must notify the District of this decision and request return of its guaranty deposit. The company must return the following documents to the District:*

- i. all copies of Security Sensitive Information provided by District;*
- ii. all drawings, plans, sketches and electronic images of the District's bridge structures and other Restricted Areas;*
- iii. all calculations and documents that describe dimensions and structural capacities and structural details of the bridge structures and their portions; and,*
- iv. all drawings, plans, sketches and electronic images for the utilities, and documents describing locations and technical details of the utilities.*

*Failure to do so will result in forfeiture of the guaranty deposit. Upon verification that all above described documents, including copies have been returned to the District, the District will return the guaranty deposit, without interest, to the company, whereupon the Non-Disclosure Agreement for Bidding Purposes between the company and the District shall terminate.*

*Item No. 11 of the Non-Disclosure Agreement for Bidding Purposes provides the requirements for the return of security sensitive information to the District after the bid opening date. The same requirements as listed above pertain to companies who are unsuccessful bidders, subcontractors, consultants or suppliers.*

**BID QUESTION No. 227:**

Is a lane closure configuration allowed that would close the two outside lanes in each direction, with the barrier in the 3N/3S configuration, as long as the closure fit within the requirements of Section 12-4.05B?

**RESPONSE:**

*See Addenda 11 for revised and new Contract Drawings and revised Section 12-4.*

*No, there is not a lane closure configuration that allows the two outside lanes to be closed in each direction with the moveable median barrier in a 3N/3S configuration.*

*New Contract Drawings C007A and C011A provide lane closure configurations for southbound and northbound curb lane closures when the moveable median barrier is in a 3N/3S configuration. As stated in revised Section 12-4.01A(1), Summary, when performing work on any portion of the Bridge sidewalk, you must provide a barrier or other means, as approved by the Engineer, to prevent workers or equipment from being within three (3) feet from the curb line or you must close the adjacent curb traffic lane to traffic. In addition, when only the bridge roadway curb traffic lane is closed to traffic, your personnel is not allowed to work or operate equipment, and equipment and materials are not allowed to be placed on the Bridge roadway.*

**BID QUESTION No. 228:**

Reasonable Field Verifications; 5-1.26A

The second paragraph begins, "Exact measurements are your responsibility and you are solely responsible for the correct fit of all new construction."

The word "exact" is used only twice in Volume I. It is required for the Contractor to provide exact measurements and the exact same scheduling software. Providing the exact same scheduling software seems reasonable and achievable. Having exact measurements does not seem reasonable. Thus, the Contractor assumes it will meet the burden of "... solely responsible for the correct fit of all new construction." Please, confirm this is the intent of this sentence and requirement.

**RESPONSE:**

*This sentence is to alert the Contractor that the existing conditions may not necessarily conform to the conditions indicated in the record drawings and that field measurements are necessary to determine the actual existing conditions. In order for the new work to correctly fit with the existing conditions, field measurements and other field verification measures as specified in and required by Section 5-1.26A, Field Measurements, must be made. The Contractor is solely responsible for performing the field measurements and adjusting dimensions of the work in order to achieve the correct fit of all new construction. Materials which do not fit the existing conditions will be rejected.*

**BID QUESTION No. 229:**

Order of Work; 15-4.01A(2), 8-1.08

The third paragraph reads, in general, "At the Suspension Bridge, you may use the existing travelers..., provided you perform a complete investigation of the existing travelers..., and you must allow the District access to the travelers."

Please, confirm this "investigation" does not include an analysis and complete set of calculations required by Section 48-3 Temporary Structures. The Contractor assumes it will be allowed to comply with the District's current Safe Working Limits observed by its personnel. Please, confirm.

Please, confirm the District's access can be reasonably scheduled with the Contractor and not instant (but for emergencies).

Please, confirm the District understands the existing travelers will be rendered useless as soon as net support installation begins on the Suspension Bridge. Thus, the travelers will not be accessible early in the project in order to achieve the 550 day completion incentive payment for PSDS on the east side of the suspension span.

Please, confirm there is no Contract restriction on maximum duration the District will not have access to maintenance travelers (once the existing travelers are taken out of service by net support installation and the final installation, testing, and commissioning of new travelers).

**RESPONSE:**

*The Contractor's assumption that it will not be required to perform an analysis and complete set of calculations, as required by Section 48-3, Temporary Structures, is not correct. The Contractor must comply with the requirements in Section 48-3, Temporary Structures, prior to using the existing travelers for access. This includes performing a complete investigation of the travelers and traveler supports, and submittal of working drawings, design calculations and independent check calculations, and certification by the Contractor's registered Civil Engineer to the Engineer for approval.*

*The Contractor will be able to "reasonably" schedule the District's access to the existing travelers with the understanding that the Contractor cooperates, schedules and coordinates their work with the Engineer to allow the District's Bridge Maintenance and Inspection forces with proper and safe access to perform their required work in accordance with Section 5-1.20, Coordination with Other Entities. The District agrees that the District's Bridge Maintenance and Inspection forces will only need immediate access to the travelers during emergencies.*

*The District understands that the existing travelers will not be usable once the net support installation in the Suspension Spans begins.*

*The Contractor's assumption that there is no specific Contract restriction on maximum duration the District will not have access to the new travelers once the existing maintenance travelers are removed is correct. The Contractor still must comply with the Contract order of work, sequence of operations and time of completion requirements. The removal of the existing travelers and the installation of the new travelers must follow the order of work and sequence of operations as set forth in the Special Provisions and on the Contract Plans including Section 8-1.08, Order of Work, and Section 60-2, Maintenance Traveler System.*

**BID QUESTION No. 230:**

5-1.23B(1)

The last paragraph reads, "In addition, you are solely responsible for coordinating the submission of your submittals with the construction schedule of its work. SO AS TO CAUSE NO DELAY IN THE WORK, ALLOW SUFFICIENT TIME FOR THE ENGINEER'S REVIEW OF THE SUBMITTALS, FOR SECURING ALL NECESSARY APPROVALS WITH RESPECT TO THE SUBMITTALS, AND FOR POSSIBLE REVISION AND RESUBMITTAL OF ITS SUBMITTALS."

To allow for appropriate durations for the pre-bid schedule, please define "sufficient time" for review. The Contractor assumes providing 30 days (or 45 based on the different identified submittals) is "sufficient time". In the District's pre-bid schedule, what is the approximate submittal duration used in the District's analysis?

**RESPONSE:**

*Section 8-1.02D(4), Data, Network Diagrams, and Reports, requires all schedules to include the following information:*

- *Identification of the preparation, submittal and approval of all submittals required under the Contract.*
- *Indication of the number of days allowed under the Contract for the Engineer to review and take action with respect to each submittal.*

*To comply with the above requirement for the duration of an activity in a schedule pertaining to review of a submittal, the Contractor must use the appropriate thirty (30) days or forty-five (45) day time period that the Engineer is allowed for review for a particular submittal as specified in Section 5-1.23B(1)(a), Engineer's Action. See Addendum 8 for revised Section 5-1.23B(1)(a).*

**BID QUESTION No. 231:**

5-1.36D(3);

The first paragraph reads, "Maintain services of the existing utilities in accordance with these Special Provisions."

Please, confirm this maintenance does not include any costs or expenses directly, but simply prohibits the Contractor from disrupting the services listed.

**RESPONSE:**

*See Addendum 8 for revised Sections 5-1.36D(3) and 15, and new Section 78.*

*Revised Section 5-1.36D(3), Maintenance of Existing Utilities, requires the Contractor to make necessary provisions for the existing utilities to remain in operation, except as otherwise shown or specified, during the entire Contract. The Contractor's plan for maintaining operations of the existing utilities must be described in the Contractor's detailed work plans and working drawings for the portions of work affecting the existing utilities. Section 5-1.36D(3) also provides the time intervals that existing utilities may be out of service*

*Section 78 includes specifications for the PG&E electrical power supply modifications located near the Toll Plaza to be constructed by the Contractor. These specifications require the Contractor to maintain the PG&E electrical power supply to the existing Station Powerhouse switchboard except during the time interval specified in Section 5-1.36D(3) that the electrical power supply may be out of service.*

*In accordance with revised Section 15-4.01A(1), Summary, the Contractor must maintain the services of existing utilities throughout the bridge removal operations. As further stated in Section 15-4, bridge removal includes the temporary removal, storage and restoration of miscellaneous facilities including existing utilities that need to be removed to clear access for bridge removal operations. The Contractor is required to restore any removed existing utilities to their original condition. As stated in Section 15-4.01D, Payment, the temporary removal, storage and restoration of miscellaneous facilities, except as otherwise designated, is included in the Contract lump sum price for the various Bridge Removal (Portion) Contract Items.*

*The provisions to maintain the operation of the existing utilities will involve costs to the Contractor with the amount dependent on the Contractor's means and methods with regard to removing, either permanently or temporarily, portions of the Bridge required to perform the Contract work and modifying the PG&E electrical power supply. The costs for maintaining the PG&E electrical power supply is included in Contract Item No. 59, Electrical Service to Charging Station. As stated in Section 15-4.01D, the costs for maintaining other utilities is included in the price for various Bridge Removal (Portion) Contract Items.*

**BID QUESTION No. 232:**

5-1.26A

The second sentence of the third paragraph begins, "If conflicts between the existing conditions and the design are identified as a result of your survey and field measurements, and design clarification or revision is required to fit existing conditions, promptly submit an RFI to obtain the Engineer's direction to resolve the issues. If you fail to identify the conflicts, including any structural deterioration or distortion..."

Please, confirm all field conflicts found or identified during the field measurement process, which are not identified in the contract drawings, and the required remedies will be treated as a differing site condition and subject to additional time and compensation.

Please, confirm all field conflicts found or identified, which are not identified in the contract drawings, during the execution of the work will be treated as a differing site condition and subject to additional time and compensation, even if not recognized at the time of field verification.

**RESPONSE:**

*In accordance with Section 5-1.26, Field Measurements, the Contractor is required to field measure and verify all existing dimensions and conditions required for construction and attachment of all the permanent and temporary work to the existing structures and for proper and adequate fabrication and installation of the work. If during field verifications the Contractor finds that the existing conditions are different than those shown, the Contractor must submit a request for information notifying the District of the existing condition, and proposing a resolution to the conflict. The condition is not considered a differing site condition since the Contract Documents inform you that the existing conditions may differ from what is shown on the Drawings.*

*If the Contractor determines that there are cost and time implications associated with the resolution of the field conditions, this information must be included in the request for information and the Contractor must file a Notice of Compensable Change in accordance with Section 4-1.05A(3), Notice of Compensable Change. The Engineer will make a determination regarding the Notice of Compensable Change in accordance with Section 4-1.05, Changes and Extra Work. If the Engineer determines there has been a compensable change, payment for the change will be made in accordance with Section 4-1.05.*

*In accordance with Section 5-1.26A, if the Contractor fails to identify the conflicts, including any structural deterioration or distortion, during the field surveying and field measurements, any subsequent delay and extra work caused by any necessary revisions to correct the conflicts, including the working drawings and labor and material, will be at the Contractor's sole expense and responsibility regardless of any possible deficiency or discrepancy within the Contract Plans.*

**BID QUESTION No. 233:**

The specification requires a five year warranty on painting, starting upon substantial completion. Will the contractor be allowed to use the bridge travelers for any necessary warranty repairs during the warranty period, or will the contractor need to supply their own access to perform any necessary warranty repairs?

**RESPONSE:**

*See Addendum 8 for revised Section 59. Section 59-2.03D, Warranty on Painted Surfaces, states the warranty of all work of cleaning and painting existing and new steel under this Contract is for a period of 5 years from the date of the acceptance of the Contract by the Engineer.*

*The Contractor will not be allowed to use the bridge travelers for any necessary warranty repairs.*

**BID QUESTION No. 234:**

If needed, can the warranty repairs be done annually, or all at the end of the warranty period at the contractor's option?

**RESPONSE:**

*Regarding Section 59-2.03D, Warranty on Painted Surfaces, and, in accordance with Section 6-3.06, Guarantee, during the guarantee period, the Engineer will monitor the completed work. If the Engineer finds work having a substantial defect, the Engineer will notify the Contractor. Within 10 days of receipt of the notification, the Contractor will need to submit for approval a detailed plan for correcting the work. The Engineer will notify the Contractor when the plan is approved. The Contractor will have to start corrective work and related work within 15 days of notice.*

*If the Contractor fails to perform the corrective work as specified, the District may perform the work and bill the Contractor.*

**BID QUESTION No. 235:**

We make reference to Specification 60-2 for the Maintenance Traveler System, Paragraph 60-2.05 PAYMENT.

The existing payment schedule (Addendum No. 6), is based on the following:

20% of Contract Price after approval of submittals 1-20, and complete testing and approval of each traveler type.

70% of Contract Price after approval of submittals 21 and 22, and all travelers are installed in place and tested.

10% of Contract price after acceptance of manuals and training.

Based on the anticipated size and scope of a potential subcontract, we respectfully request that the milestone payments be re-structured, in order to provide sufficient funding for subcontractors and component suppliers.

To that end, we suggest a "Schedule of Values" be considered for the Maintenance Travelers to permit monthly billing as definable tasks are completed.

**RESPONSE:**

*See Addendum 8 for revised Section 60-2.05.*

*The payment provisions in revised Section 60-2.05 will remain unchanged.*

*Section 9-1.06C, Materials On Hand, provides provisions for partial payments for materials furnished but not yet incorporated into the work. These materials on hand payments will enable payments for the value of eligible materials to the Contractor prior to the milestones for payment listed in Section 60-2.05.*

*Materials eligible for partial payments include the following required for the fabrication of maintenance travelers:*

- 1. Structural Steel,*
- 2. Electrical Equipment, and*
- 3. Mechanical Equipment.*

**BID QUESTION No. 236:**

We make reference to Specification 60-2 for the Maintenance Traveler System, Paragraph 60-2.02D(3)(d) WARRANTY. Based on our understanding, the current Warranty (Addendum No. 6), states that the manufacturer of the Travelers is to provide a 10 year warranty.

Industry practice for this type of equipment is a one or two year warranty, due to the fact that the traveler is made up of numerous subcomponents, which in the majority of cases, only carry a one year warranty.

We respectfully request that the Specification be revised to state a warranty period of 2 years, commencing upon completion of Site Acceptance Testing. Extended warranties (beyond two years), can then be provided as an option with the bid, and shown as a separate line item.



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**RESPONSE:**

*See Addendum 6 for revised Section 60-2.*

*The 10 year warranty requirement in Section 60-2.02D(3)(d), Warranty, will remain unchanged.*

Sincerely,

A handwritten signature in blue ink, appearing to read "John Eberle".

John Eberle, P.E.  
Deputy District Engineer