

**CONTRACTOR'S INQUIRY RESPONSES**

**THE MILLER SWEENEY BRIDGE  
FENDER SYSTEM REPAIR, REPLACEMENT OF  
DOLPHIN CLUSTERS AND ACCESS PIER,  
AND REMOVAL OF THE HIGH STREET BRIDGE CABLE TOWER  
ALAMEDA COUNTY, CALIFORNIA**

The responses to contractors' inquiries, unless incorporated into a formal addendum to the contract, are not a part of the contract and are provided for the contractor's convenience only. In some instances, the question and answer may represent a summary of the matters discussed rather than a word-for-word recitation. The responses may be considered along with all other information furnished to prospective bidders for the purpose of bidding on the project. The availability or use of information provided in the responses to contractors' inquiries is not to be construed in any way as a waiver of the provisions of section 2-1.07 of the Standard Specifications or any other provision of the contract, the plans, Standard Specifications or Special Provisions, nor to excuse the contractor from full compliance with those contract requirements. Bidders are cautioned that subsequent responses or contract addenda may affect or vary a response previously given and any such subsequent response or addenda should be taken into consideration when submitting a bid for the project. Inquiries must be submitted by the deadline specified in the project Special Provisions.

This document will be continuously updated. It is the contractor's responsibility to check for updates.

| Inquiry No. | Inquiry   | Response            |
|-------------|---|---------------------|
| 1           | It is requested that the bid date be delayed from July 28 at least two weeks to August 11 for the Miller Sweeney Fender System Repair and Replacement of Access Pier project. This additional time would allow us to obtain competitive quotes and coordinate with MBE/WBEs, as many companies/employees are working from home due to the COVID-19 pandemic and it is taking additional time to get quotes in an expedited manner. It is noted that the majority of this project will be constructed in 2021 and the requested bid date delay would not impact the project timing | See Addendum No. 1. |
| 2           | In order to allow MBE and WBE subs and suppliers adequate time to review and submit their pricing and give as many of them as possible an opportunity to participate on the project, we request a minimum 1 week extension to the bid date and RFI deadline.  | See Addendum No. 1. |

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| 3           | <p>Can you clarify the Minority/Women Owned Business participation requirement called out in the Notice to Bidders? "This project has a Minority/Woman Owned Business participation requirement of 15% MBE/ 5% WBE." Is it:</p> <p>1. 15% MBE -AND- 5% WBE</p> <p>Or is it:</p> <p>2. 15% MBE -OR- 5% WBE</p> | #1: 15% MBE <u>and</u> 5% WBE  |
| 4           | What is the air draft of the railroad bridge in the raised position?  | Vertical Clearance Up Position MHHW (High Tide) is 135 Feet  |
| 5           | Please confirm all driven piles are outside the overhang footprints of the bridge structures. If possible please provide the horizontal offset of the driven piles from the nearest overhanging structure.  | There should be approximately 5 ft between the edge of the bridge and edge of dolphin piles. The Contractor needs to verify dimensions.  |
| 6           | There is visible armor stone near the cantilever walkway. Is there armor stone anywhere else in the footprint of the new access pier or the dolphins?   | See Fruitvale Avenue Highway Bridge Foundation Plan Sheet 8 (Drawing number 2-6-62) posted on <a href="https://www.acpwa.org/business/add-bidder-info.page">https://www.acpwa.org/business/add-bidder-info.page</a> or limits of rock slope protection   |
| 7           | Will predrilling be required or is it merely allowed as a construction method?  | Per Note 1 under "Pile Driving" on Sheet 4, pre-drilling is not required.  |
| 8           | Will the contractor be allowed to stage floating equipment within the channel between the two fender systems?   | <p>The contractor can use floating equipment during construction, as long as either the northeast or southwest channels of bridge are clear for vessels at all time; and as long as the floating equipment can be moved for the safety of navigation. If the contractor is working, and a large ship, which requires a span opening, needs to transit the site and requires the entire horizontal clearance of the bridge, the contractor must move the floating equipment out of the way so that the vessel can pass safely.</p> <p>Proposed work plan and construction schedule will require US Coast Guard review and is subject to Coast Guard approval and must be submitted 30 days prior to start of work per Section 5-1.20G</p> |

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| 9           | There appear to be high spots and/or accumulations of material surrounding the dolphins. Do we have specific information about the subsurface conditions at the dolphins? Are blow counts and pile driving logs for the existing dolphins available? | See Fruitvale Avenue Highway Bridge Soil Borings Sheets 3 and 4 (Drawing number 2-6-62) for Boring information and AGS Geotechnical Report page 10 for Boring Locations, both posted on <a href="https://www.acpwa.org/business/add-bidder-info.page">https://www.acpwa.org/business/add-bidder-info.page</a> (Boring labels read TF-# correspond to 7F-# in Soil Boring sheets). |
| 10          | What is the frequency of commercial or non-pleasure craft crossing under the Miller-Sweeney bridge? What is the frequency of bridge openings for marine traffic?   | See Summary of Bridge Openings document posted on <a href="https://www.acpwa.org/business/add-bidder-info.page">https://www.acpwa.org/business/add-bidder-info.page</a>   |
| 11          | ACQ-B timber treatment may not be available on the west coast and is not typically used on southern pine. Please confirm Copper Azole (CA-C) treatment is acceptable.  | Copper Azole is acceptable to use.  |
| 12          | Please provide BMPS for wood treatment in the specifications.  | Please see the Pollution Prevention notes on Sheet 2 of the plans for BMPs.   |
| 13          | Please allow Douglas Fir in place of Southern Pine   | Douglas Fir may be used in place of Southern Pine but it may not replace the Greenheart.  |
| 14          | There seem to be several discrepancies between plan notes and specifications for the timber requirements. Please confirm the specification is the controlling document.  | For timber, the specifications are the controlling document as they best encapsulate the environmental constraints for California.  |

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| 15          | <p>There are some contradictions between the notes in the plans and the written specifications, particularly regarding species and preservative treatment type.</p> <p>The plan notes require Southern Pine "dense select structure unless noted otherwise". This is not a recognized grade designation in any species. This conflicts with specification Section 57-2.01C(3), Treated Timber notes: Treated timber must be DF or HF. If the above statement "unless otherwise noted" is meant to include D-Fir and/or Hem Fir, we will need to know the appropriate grade required.</p> <p>Note: dense select structural grade is not typically commercially available in D-Fir and Hem Fir.</p> | As per specs: Preservative-treated timber must be Douglas fir or Hem-Fir. Structural grade: Grade 1  |
| 16          | <p>Plan notes also require treatment with ACQ-B:</p> <p>ACQ-B (type B) may not be available any longer on the West coast and was never used for Southern Pine. In fact, it seems all types of ACQ are likely going away very soon (see attached). Copper Azole (CAC) will take its place and many West coast treaters have switched already.</p>  | Copper Azole is acceptable to use.   |
| 17          | <p>Plan Notes, Piles:<br/>12"@3' butt x 7" min tip, Greenheart species. Dolphin piles to be driven. Fender piles not driven, bolted into place.</p> <p>Greenheart piling can have extended lead times.</p>  | <p>According to Spec Section 49-8.02A: Timber piling must be of Greenheart (Ocotea Rodiaei) hardwood material. However, a similar or better hardwood may be provided <b>as approved</b> by the Engineer.</p> <p>Substitution requests must guarantee the following:</p> <p style="padding-left: 40px;">The piling must be made of sound wood, and resistant to decay, insect attacks, marine borer attack, and Limnoria damage.</p> <p>It is understood that the Greenheart piling will have extended lead times. Due to the Time Constraints specified in Section 8-1.04C, it is anticipated that construction may not occur this calendar year (2020).</p> |
| 18          | <p>Plan Notes, Timber:<br/>Southern pine, "dense select structure" incorrect grade designation</p>  | Timber Specifications govern over Plan Notes. As per specs: Preservative-treated timber must be Douglas fir or Hem-Fir. Structural grade: Grade 1  |

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| 19          | Treatments: <ul style="list-style-type: none"> <li>• CCA UC4B (.60 pcf), except decking, handrails.</li> <li>• ACQ-B (no longer available) UC4B (.60 pcf) for decking, handrails.</li> </ul>                | Timber Specifications govern over Plan Notes.<br>Section 57-2.01C(3), states that CCA is not allowed. Use any of the following treatment alternatives: ammoniacal copper arsenate, ammoniacal copper zinc arsenate, ammoniacal copper quat, or copper azole.<br><br>Use Copper Azole in place of ACQ-B   |
| 20          | BMPs for treatment are required in the plan notes but not in the written specifications.  | Please refer to Pollution Prevention Plan on Sheet 2 for BMPs  |
| 21          | Section 57-2.01B(3), It should be noted the written specifications require waterborne treated timber and lumber to be KDAT 25%, BMP's only require 30% MC   | Defer to specifications  |
| 22          | Section 57-2.01C(3), Treated Timber notes: Treated timber must be DF or HF and CCA is not allowed.<br><br>This is in conflict with the plan notes.  | Timber Specifications govern over Plan Notes   |
| 23          | We can only ID 38 piles to be removed: 18 in dolphin removal, 16 in walkway, and 4 on fender system. Is this correct?   | See addendum No. 2<br><br>Quantity of piles to be removed in access pier area are based on original pier design as shown on Fruitvale Avenue Highway Bridge Timber Decks I plan Sheet 40 (Drawing number 2-6-62) posted on <a href="https://www.acpwa.org/business/add-bidder-info.page">https://www.acpwa.org/business/add-bidder-info.page</a> |
| 24          | Please provide tip elevations for all the piling.   | See Timber Pile notes on Sheet 4 of plans.<br><br>Embedment depth is based on the mudline. See sheet 6 of the plans for the topographic survey of the bathymetric elevations to determine approximate depth. The pile tip elevation will vary by pile.   |
| 25          | It is noted on Sheet 4 of 17, that the piles will be driven in the presence of a professional engineer or an inspector employed by the professional engineer. The owner is providing this service, correct? | Inspector will be provided by the County.  |
| 26          | Your geotechnical report suggests predrilling 10' prior to driving of the piling, it is allowed by permits to perform this work, correct?   | Pre-drilling is not required, but the permits do not prohibit it.  |

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| 27          | On Sheet 14 of 17 <u>Channel Face</u> , the plans call out a batter of 1 in 6, yet the piles are connected at the top all 9. Please look at the two battered rows, is it actually 1 in 6 1 <sup>st</sup> row then 1 in 3 for the second row looking at the Channel Face Detail?   | The front row is 1:6, closest to bridge.<br>The middle row is 1:12.<br>The back row is plumb/vertical, farthest from bridge.   |
| 28          | Please revisit [bid] item 20. Isn't this LF? There is at least 10 times this in BF.   | See Addendum 3   |
| 29          | It is requested that due to COVID-19 that bids be allowed to be submitted electronically to the Agency for Specification 2343, The Miller Sweeney Bridge Fender System Repair, Replacement of Dolphin Clusters and Access Pier, And Removal of the High Street Bridge Cable Tower, Alameda County   | The Public Works Agency is not accepting electronic bids at this time. Please submit bids as stated in Section 2-1.33 of the Specifications, and in the Notice to Bidders. |
| 30          | Bid Item 22 calls for 1" diameter wire rope for the dolphins, yet the plans rightfully call for ¾", you cannot get 1" wire rope staples, can this be changed to ¾"?   | See Addendum 3   |
| 31          | Is coating required on the metal handrail [steel pickets]? If so, what color?   | Per Note 2 on Plan Sheet 11 of 17, steel pickets and frame to be galvanized after fabrication.   |
| 32          | It is clear that the contractor must provide a biologist per Plan Sheet 4 of 167 and implied by including the Caltrans specs for 14-6.03D Contractor Supplied Biologist, 14-6.03D(2) Natural Resource Protection Plan and 14-6.03D(3) Biological Resource Information Plan. However, the three Caltrans specs state that they are only applicable if they are included on the Bid Item List, and the Bid Item List does not include these scopes/specs. Can you please confirm that a) the Contractor will be responsible for these items and b) which applicable Bid Item(s) on the list should capture these costs? | A) The Contractor will supply the biological monitor<br>B) See Addendum 4  |

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| 33          | I keep only getting a count of 21 piles for the new access pier though the bid item quantity is 23.                   | <p>The two additional piles are for the intermediate posts of the handrail around the pier. These 2 piles are assumed to be cut into pieces for the intermediate posts.</p> <p>Contractor to verify that these 2 extra piles are long enough to be cut into pieces of the required length for the intermediate posts.</p> |
| 34          | I have been informed by two suppliers, the 1"x 1" x 1/4" for handrail pickets is not made. The thickest is 1/8" wall. | See Addendum 4  |