Date: April 7, 2020

To: All Holders of the CONTRACT DOCUMENTS for:

Sir Francis Drake Boulevard Corridor Rehabilitation Project
County Project No. 2018-11

From: Philip Buckley
Senior Civil Engineer
Engineering Division

Re: ADDENDUM NO. 4

You are hereby advised of the following revisions and/or clarifications to said Contract Documents:

Changes/Revisions/Amendments/Additions:

1. In order to adhere to COVID-19 social distancing protocol, the bid opening will be available for public viewing real-time via a Zoom Meeting. To join the Zoom Meeting on Thursday, April 23rd, 2020 at 3 p.m. go to https://zoom.us/j/714488789 and enter Meeting ID: 714 488 789. Bid results will be emailed to plan holders and posted on the County website soon thereafter.

2. The Bid Schedule shall be replaced in its entirety with the enclosed, updated Bid Schedule.

3. Appendix F - Regional Traffic Routing Memorandum has been added to the Construction Documents.

4. Paragraph 4 on page 94 in Section 10.13 of the Construction Documents shall be replaced with the following:

   a. With the exception of Wolfe Grade to Mancr Road and a portion of the corridor between Bon Air Road and El Portal Drive, new post and cable fencing will replace existing metal beam guardrail throughout the corridor. Both existing guardrail and new post and cable fencing provide a pedestrian safety measure keeping pedestrians out of the roadway. Where existing guardrail is removed, the sidewalk shall remain closed with an alternate path of travel provided until the new post and cable fencing is installed or a temporary barrier is provided by the Contractor to the acceptance of the Engineer.
5. The entirety of Section 10.23 of the Contract Documents shall be replaced with the following:
   
a. This work consists of furnishing and installing TenCate Mirafi TruPave Engineered Paving Mat (TRUPAVE) and Tensar Glasgrid GG8501 Pavement Reinforcing Fabric (GLASGRID), or approved equal, pavement fabric as shown on the plans in accordance with Section 39 for “Geosynthetic Pavement Interlayer,” of the CSS, as shown on the plans, described in these Specifications, in accordance with the manufacturer's instructions, and as directed by the Engineer.

   **Measurement and Payment**

   See *Bid Additives* for bid item numbers.

   The contract price paid for TRUPAVE and GLASGRID are paid in a unit of area in square yard as determined from field measurement. The contract unit price paid for this item shall include full compensation for all labor, materials, tools, equipment, and incidentals as shown in the Plans, specified in these Specifications, and as designated by the Engineer.

6. The entirety of Section 10.24 of the Contract Documents shall be replaced with the following:

   Tack Coat shall be SS-1 or SS-1h and application rates shall be in accordance with the applicable provisions of Section 39-2.01C and shall comply with the physical properties found in Section 94-1.02 of the CSS. Dilution of the mixture with water will not be acceptable.

   **Measurement and Payment**

   Full compensation for complying with the above provisions shall be considered as included in the contract price for the various bid items and no separate payment will be made.

7. Final paragraph in Section 10.37 on page 134 of the Construction Documents shall be replaced with the following:

   a. The contract price paid per linear foot for installation of the pipes of the various sizes and materials listed above includes full compensation for furnishing all labor, materials, incidental fittings and couplings, tools, equipment, and incidentals, and for doing all work involved in installation of the pipelines, including excavation, disposal of unsuitable materials, aggregate base, backfill, compaction, pavement restoration, potholing of utility crossings, and testing complete in place, as specified in the CSS and these Special Provisions, and as directed by the Engineer. Where noted, the Contractor shall also coordinate with Pacific Gas and Electric (PG&E) to relocated impacted utilities.

8. The following bid items shall be added under the "Measurement and Payment" subsection on page 133 in Section 10.37 of the Construction Documents:
a. "Elm Ave. Storm Drain Line – 15" RCP with PG&E Utility Relocations of Gas & Electric" paid per linear foot as determined by field measure. [Bid Item 428]

b. "Storm Drain Line – 15" RCP" paid per linear foot as determined by field measure. [Bid Item 429]

9. Bid Item #916 under the Measurement and Payment paragraph on page 223 in Section 10.52 of the Construction Document shall be replaced with the following:

a. Clear and Grub for Median Landscape anc Irrigation Improvements (Revocable): Measured in square feet. [Bid Item #916]

10. The following paragraphs shall be added under the "Execution" subsection on page 169 in Section 10.45 of the Construction Documents:

a. Remove pavement markings per Section 15 and 84-9 of the CSS.

The Contractors shall remove traffic stripes and pavement markings before making any change to the traffic pattern. Contractor shall completely remove traffic stripes and pavement markings, including any paint in the gaps, by methods that do not remove pavement to a depth of more than 1/8 inch.

Remove pavement marking such that the old message cannot be identified. Make any area removed by grinding rectangular. Water must not puddle in the ground areas. Sweep up or vacuum any residue before it can (1) be blown by traffic or wind, (2) migrate across lanes or shoulders, or (3) enter a drainage facility.

11. The following bid items shall be added under the “Measurement and Payment” subsection on page 171 in Section 10.45 of the Construction Documents:

a. "Remove Traffic Stripes" [Bid Item 214A] paid per linear foot as determined by field measure. This is a revocable item of work and may be reduced or replaced with Bid Alternate B and C.

b. "Remove Pavement Markings" [Bid Item 214B] paid per square foot as determined by field measure. This is a revocable item of work and may be reduced or replaced with Bid Alternate B and C.

12. The following bid items shall be added under the “Measurement and Payment” subsection on page 273 in Section 10.62 of the Construction Documents:

a. "Subtraction – Remove Traffic Stripes [Bid Item #214A]" paid per linear foot. [Bid Item #B28]

b. "Subtraction – Remove Pavement Markings [Bid Item #214B]" paid per square foot. [Bid Item #B29]
13. The following bid items shall be added under the “Measurement and Payment” subsection on page 273 in Section 10.63 of the Construction Documents:

   a. “Subtraction – Remove Traffic Stripes [Bid Item #214A]” paid per linear foot. [Bid Item #C10]

   b. “Subtraction – Remove Pavement Markings [Bid Item #214B]” paid per square foot. [Bid Item #C11]

14. The following plan sheets have been modified with changes clouded as Delta 2. The enclosed, modified plan sheets shall replace the sheets of the same corresponding number within the Contract Documents:

   a. CD-2
   b. CD-3
   c. DE-01 through DE-16
   d. IMP-02
   e. INT-02
   f. INT-05
   g. INT-14
   h. GR-00
   i. GR-02
   j. GR-03
   k. GR-05
   l. GR-07
   m. GR-08
   n. GR-11
   o. GR-14
   p. SP-4

Bidder Questions and Answers

Q30: Please review MMWD Bid Additive E, F, G, H for the UNITS specified. We believe item E56, G57 should read SF. The bid sheets indicate LF? Please clarify.

A30: Bid Item # E56, F57, and G57 have been updated to include units of SF.

Q31: Can the County delineate where 40” post hole restoration and where 8” restoration is necessary? It seems both are mingled within Bid Item #207 and #208.

A31: Post hole backfill depth of 40-inches is needed in all areas where existing guardrail is being replaced by new guardrail or fence. Post hole backfill of 8-inches is needed in areas where existing guardrail is being removed but is not being placed by new guardrail or fence (between approx. stations 73+50 and 80+89). Keynote 9 and keynote 21 of the DE sheets and Detail 16 on sheet CD-2 have been updated to provide clarity. The specifications have been updated to clarify where existing guardrail is not replaced by new guardrail or fencing.
Q32: Bid Additive H is missing the Pipeline Disinfection bid item. Please add this to the schedule.

A32: The bid schedule has been updated to include pipeline disinfection under Bid Additive H.

Q33: Please update the quantity for Bid Item #G12 "Pipeline Disinfection". The current quantity is ZERO. This needs to be 1 LS.

A33: The bid schedule has been updated to include the 1 LS for the quantity and unit for Bid Item #G12.

Q34: Is there any hazardous soil, lead, or aerially deposited lead in bid item #222?

A34: Although no known hazardous materials have been identified in the project area, Appendix C – Environmental Impact Report describes potential sources of hazardous materials that may be encountered. All project work is subject to Public Contract Code 7104 regarding the discovery of hazardous waste or other unusual conditions as stated on page 60 of the Specifications. In accordance with Section 25914.1 of the Health and Safety Code, all such removal of asbestos or hazardous substances including any exploratory work to identify and determine the extent of the asbestos or hazardous substance will be performed by separate contract. Prior to construction, the contractor shall prepare a Construction Risk Management Plan (CRMP) to protect construction workers, the general public, and the environment from hazardous materials that could be disturbed during roadway rehabilitation and trench dewatering activities. The CRMP will contain procedures for identifying, testing, and managing soil and groundwater suspected of containing hazardous materials (if any) that have not previously been identified at the site.

Q35: SDJB # 260. How is Junction Structure #1 paid, under what bid #?

A35: SDJB No. 1 is paid for as part of Bid Item #315.

Q36: MMWD fire hydrants; there is no fire hydrant bid item under bid additive “E” and this is the base bid...please clarify why this additive does not include the fire hydrants.

A36: Bid Item E3 and Bid Item F3 have been changed from "Not Used" to "Install Fire Hydrants" with a quantity of eight (8) shown for each of these bid items.

Q37: How is the work involved with asphalt concrete full depth conform measured and paid for?

A37: Asphalt concrete full depth conform, also referred to as an asphalt plug in the Contract Documents, is paid for as part of various bid items covered in Sections 10.27, 10.28, and 10.29.
Q38: What is the difference between the work in Bid Item #221 and Bid Item #916, both being “clear and grub”?

A38: Bid Item #916 is clear and grub activities as they relate to the installation of the landscape & irrigation system in median islands. The bid schedule has been updated to reflect this distinction.

Q39: How is the 4” concrete work at the median island replacement measured and paid for?

A39: Concrete flatwork at the medians is measured and paid for under Bid Item #310 CONCRETE SIDEWALK AND DRIVEWAYS.

Q40: If Additive Alternatives B & C are not awarded, how will the striping bid items be affected? Should there be a bid item for striping removal in the cases of conflicting striping?

A40: Two striping removal bid items have been added to the Base Bid (Bid Item #214A and #214B). Additional subtractive bid items have also been added to Bid Additive Alternative B and Bid Additive Alternative C (Bid Item #B28, #B29, and C10, #C11, respectively).

Please contact Philip Buckley at pbuckley@marincounty.org with any additional questions.

Bidders shall acknowledge receipt of this addendum as indicated on the Public Contract Code. Failure to do so may render bidders bid non-responsive.

END OF ADDENDUM NO. 4