



CITY OF EL MONTE
PUBLIC WORKS DEPARTMENT

Salvador Mendez
Public Works & Utilities Director
Lee Torres, P.E.
City Engineer

Garvey Avenue Street and Drainage Improvement Project, CIP 884

DATE: June 8, 2023

TO ALL PROSPECTIVE BIDDERS:

Answers to Bidder's Questions as follows:

Question 1: Is there a DBE goal for this project?

Answer 1: There is no DBE goal for this project.

Question 2: What is engineers estimate for the project.

Answer 2: Per the Specifications, Page 7, the Engineer's estimate for the project is between \$13 million and \$13.5 million for the base bid plus additive work.

Question 3: Section 5.24 Insurance (3) we are unclear on requirements for Builder's Risk. Please give us clarification if this project requires Earthquake and flood, and if it is for the full contract value.

Answer 3: Installation floater coverage covers loss to property from any cause, except those that are specifically excluded for the full contract value.

Question 4: Can you confirm if the city will accept luminaires on Caltrans' Qualified Product List for this bid?

Answer 4: In many locations, existing luminaires will be salvaged from existing street light poles and placed on new poles. In other locations, new luminaires will be required. The new luminaires shall be GE Evolve, ERLH Cobra Head luminaires or approved equals as described in the plans.

Question 5: Liquidated Damages have been established at \$5,000 per day. The project specifications are based on the Standard Specifications for Public Works Construction (Greenbook), which establishes Liquidated Damages at \$250 per day. In consideration of this disparity, we respectfully request the Liquidated Damages be lowered to \$2,000 per day.

Answer 5: Part 2: (6) Liquidated damages as provided for in the General Conditions of the Contract shall be in the sum of Two Thousand Five Hundred Dollars (\$2,500.00) for each and every day as defined therein for each different scope of work as defined by the Base Bid and each change order except as otherwise specified in the General Conditions, **see Addendum #1, dated June 8, 2023.**

Question 6: The Final Specs file posted to Planetbids includes cover pages for Appendix A through F. Other Bid Document file names contain specific reference to only Appendices A and B. 1) Please provide Appendices C and F which appear to be missing from the bid document files. 2) Please confirm the Caltrans Encroachment Permit file constitutes the entirety of Appendix D. 3) Please confirm the MWD Response letter constitutes the entirety of Appendix E, titled Metropolitan Water District (MWD) Permit.

Answer 6: 1) Appendix C and F provided in planet bids as attachments.



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2) Appendix D consists of the Caltrans Encroachment Permit and the 46-page Caltrans special provisions booklet, which is attached to and made part of all Caltrans encroachment permits.

3) Appendix E consists of said MWD response letter as well as a 28-page document entitled Guidelines for Improvements and Construction Projects Proposed in the Area of Metropolitan's Facilities and Rights-of-Way.

Question 7: Hello, Please I need flow rates required for CDS unit or model number on sheet C-21. Details are limited.

Answer 7: Per the Specifications, Page 225, Sections SWT2-2.2 and SWT2-2.3, the stormwater treatment device shall be capable of achieving 80 percent removal efficiency for particle distributions having a mean particle size (d50) of 125 microns at a flow rate of 6.0 cfs.

Question 8: I only found an Encroachment Permit in the Spec. Where is the MWD Permit & Railroad Permit I could not find it anywhere?

Answer 8: Appendix E contains a response letter from MWD stating MWD's comments and requirements that shall be followed by the contractor. The next addendum will have more information about the SCRRA and UPRR permitting process.

Question 9: Can you confirm if the city will accept luminaires on Caltrans' Qualified Product List for this bid?

Answer 9: See response to Question No. 4.

Question 10: What level is the SWPPP for this project

Answer 10: It is the Contractor's responsibility to determine the Risk Level and develop and implement a SWPPP appropriate to that Risk Level. However, the City anticipates that the project will be a Risk Level 1.

Question 11: Due to the complexities of the project, would you consider a one-week extension?

Answer 11: Bids Due: June 22, 2023 @ 2 p.m., **See Addendum #1, dated June 8, 2023.**

Question 12: They specifications state "Contractor to pay all costs of permits" does this include the MWD and Railroad Permit, is so what are the cost or who can be contacted to determine them.

Answer 12: MWD requirements are listed in Appendix section of the specifications. Railroad permit cost is \$3,055. Contractor is responsible to verify if other cost are required for any permit issuance.

Question 13: The project shoring will require tiebacks, does the city have all the required easements for the length of tieback required.

Answer 13: The design of the shoring system will be the responsibility of the Contractor, and working drawings will be required to be submitted and approved before shoring can be implemented. The impacts to the City's right-of-way will be determined at that time.



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Question 14: Due to the complexities of the project, would you consider a two-week extension?

Answer 14: Bids Due: June 22, 2023 @ 2 p.m., **See Addendum #1, dated June 8, 2023.**

Question 15: Please confirm that the City of El Monte will purchase the project management software. What project management software will be utilized for this project?

Answer 15: Bid Item 8 – Purchase of project management software has been deleted from the project bid schedule. City to provide project management software for prime and sub-contractors use.

Question 16: Will there be a fee for the City of El Monte Encroachment Permit? If so, what is the cost?

Answer 16: No, City of El Monte Encroachment Permit will be No-Fee Permit. Contractor shall be responsible to complete the City of El Monte Encroachment Permit Application and submit to City's Project Manager.

Question 17: What is the fee for the Metropolitan Water District (MWD) Permit?

Answer 17: MWD has reviewed the plans and has listed their requirements. These requirements can be viewed in Appendix E of the Specifications.

Question 18: Please confirm that all inspection, compaction testing, and material testing will be done by the City Engineer and the Contractor does not have to hire a 3rd party testing service.

Answer 18: Per Specification, Material testing is the responsibility of the contractor for quality control and certificate of compliance of materials and product sampling. City / CM will have separate field inspection and in-place material testing for Quality Assurance.

Question 19: Please confirm that the City of El Monte will be responsible for Native American monitoring, Archeologist/Paleontologist monitoring, Biologist monitoring, and bird surveys.

Answer 19: City will be responsible for Native American Monitors and Biologists.

Question 20: Per Part 4 Section 1.01 paragraph 2, states, "The new storm drain system including, but not limited to, pipe, manholes, catch basins, laterals, infiltration basins, shoring, dewatering, removal, handling and transport of Non-Hazardous Soils and soil requiring a Class 1 disposal facility, bedding, backfill, compaction testing, material testing, construction survey, survey monument re-establishment, AC trench resurfacing, hauling, off-site legal disposal, erosion control, environmental mitigation measures, traffic control and all other work as indicated on the construction drawing and as specified herein and as necessary to complete the project in its entirety." Will the handling and transport of non-hazardous soil be paid under Bid Item No. 10- Field Order Allowance? If not, please provide analytical data for the contaminants in the soil to determine the appropriate landfill disposal.

Answer 20: Bid Item 11 Soil Export covers the scope work. A geotechnical report is included in the specifications and Part 3 General Conditions, Section 2.06 addresses



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Differing Site Conditions.

Question 21: Per Part 4 Section 1.01 paragraph 2.b states, "Contractor will be responsible for hazardous materials plans, materials testing, construction survey, monument re-establishment, geotechnical testing plans, field screening of no-hazardous soil containing DSTC levels of lead and soil handling requiring a Class 1 disposal facility." Per Part 4 Section 1.12 states, "The contractor will provide field screening and testing of disturb soils, on a time and material basis to be billed against an allowance. The contractor will provide a certified professional to assist them for the removal and handling and transport of Non-Hazardous Soil Containing DTSC levels of Lead, and soil requiring a Class 1 Disposal Facility." For basis of bid please confirm that existing soil is clean with no contaminants. If contaminated soil is encountered during construction, this will be a differing site condition and the owner will pay for all soil testing, handling, trucking, and disposal fees.

Answer 21: Bid Item 11 Soil Export, covers the scope work. A geotechnical report is included in the specifications and Part 3 General Conditions, Section 2.06 addresses Differing Site Conditions.

Question 22: Per Part 4 Section 1.03 Bid Item No. 71- Power Wash and Paint Rail Bridges, states, "Permitting requirements from the railroads, including the hiring of flagmen and other railroad safety measures required by the railroad agencies, will be performed by the City on behalf of the Contractor." Please confirm that the owner will pay for the permit and hiring of flagmen. If not, what is the permit fee and rate for the flagmen? In addition, will the contractor be required to have all employees working within the railroad right-of-way take the Metrolink Railroad Protective Training Class?

Answer 22: The City is in the process of submitting application for permit. Contractor has the responsibility to obtain their won permit, hire certified flagman and have employees take proper training as required by Metrolink or Union Pacific Railroad.

Question 23: Regarding Bid Item No. 39- Remove Existing AC Pavement and Base and Possible PCC Underneath, for basis of bid what is the thickness of the existing AC Pavement? Please consider adding another Bid Item for the removal of PCC. If not, please provide a PCC quantity for basis of bid.

Answer 23: The thickness of the existing AC pavement varies between 4 and 9 inches per the geotechnical exploration. On Garvey east of Maxson Road, the existing AC is likely 5 inches thick with no PCC paving underneath.

Question 24: Please confirm that the owner does not need a construction field office.

Answer 24: Contractor shall provide a table, chair, and power for laptop for each the City's Construction Manager and Construction Inspector.

Question 25: Item 1.08 page 183 of the spec states "the contractor shall not conduct business or perform work to the project as defined herein, between the hours of 4:30PM and 8:00 on any day. Traffic control plan states working hours are between 7:00 AM - 7:00 PM. Please clarify working hours of the project.

Answer 25: Working hours are as specified in Section 1.08 on page 183 of the



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Specifications.

Question 26: Because this project does not include any buildings, please confirm the City will accept an Inland Marine Installation Floater in lieu of either a Course of Construction or Builder's Risk policy.

Answer 26: The City will not accept Inland Marine Installation Floater at this time.

Question 27: Please provide electrical plans for the project. Grading sheet 9 of 53 references these documents.

Answer 27: Electrical plans are provided, sheets 52-53.

Question 28: Plans indicate that shoring will be utilized around the proposed infiltration basins.

a. Will this shoring fully encompass each basin?

b. Will this shoring be left in place permanently or removed following installation of the basins?

c. If the shoring is to be removed, what measures will be taken to preserve the 2'-0" aggregate envelope? If additional measures aren't taken, the surrounding native soils may degrade the fill within the 2'-0" envelope.

d. If the shoring is to be removed, is there sufficient room alongside the system footprint to support the removal equipment? Design does not account for surcharge loads, prying action, vibration, etc. associated with removal equipment located on top of the system.

e. Does the design active lateral earth pressure (35 psf/ft) change if the shoring is removed? If so, please specify the value that should be considered.

Answer 28: The design of the shoring system will be the responsibility of the Contractor, and working drawings will be required to be submitted and approved before shoring can be implemented. Installation of the precast stormwater infiltration system shall be in accordance with manufacturer's instructions and per shop drawings to be submitted in accordance with Section 3-8.3 of the Specifications. The shoring may be left in place at the option of the Contractor if shop drawings, shoring lateral earth pressure calculations, and manufacturer instructions indicate that this is feasible.

Question 29: EOR to comment on what measures - if any - are necessary to prevent the subbase material from migrating upward into the system. Given the proximity of the infiltration systems to one another, there is some potential for upward hydrostatic pressures to develop beneath the lower basin. This may drive loose material up into the system. StormTrap assumes that any measures which are necessary to prevent this material migration are the responsibility of others.

Answer 29: Nonwoven Type 90N geotextile conforming to Table 213-5.2 (A) in the SSPWC shall be used under the infiltration galleries. The cost to furnish all labor and materials necessary to perform the work shall be included in the bid item for Infiltration Basins.

Question 30: Please verify that potential liquefaction of the material beneath the infiltration basins will be addressed via suitable site preparation as determined by the EOR or geotechnical engineer. StormTrap has not considered the effects of liquefaction



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in the current design.

Answer 30: Based on the findings of the geotechnical report, the construction of the Project would not be subject to hazards due to settlement, slippage, or landslides and would not affect the geologic stability of the site when incorporating mitigation measures provided by the geotechnical report. The mitigation measures described in the IS/MND for the project (GEO-1 and GEO-2) mitigate the liquefaction risk.

Question 31: Pertaining to Section SWT2-2.1.2: Is CSWRCB Full Trash Capture required for this project?

Answer 31: Yes.

Question 32: Pertaining to Section SWT2-2.1.2: A 2.4mm trash removal size is a manufacturer-specific requirement which differs from the 5mm statewide full trash capture requirement. Will CSWRCB Full Trash Capture certification fulfill this requirement?

Answer 32: No.

Question 33: Pertaining to Sheet 18 of 35 in the Plans: What is the design peak conveyance flow of the storm sewer system prior to diverting the water quality treatment flow to the hydrodynamic separator? Is only 6cfs diverted to the hydrodynamic separator?
a. Is the HDS unit required to be placed offline? If an HDS unit can internally bypass the peak flows and accommodate the main trunk size, may the unit be placed inline with the storm sewer conveyance system?

Answer 33: Line A is designed for the Q50 of 44.2 cfs. Only a maximum of about 6 cfs is designed for the hydrodynamic separator. There is a flow restriction on the hydrodynamic separator lateral due to the diversion structure manhole shown in detail 5 on the Plans, Sheet C-21. The wall of the diversion structure should be constructed so that only the lower half of the 18" RCP opens into the diversion structure.

The HDS unit is required to be placed offline in the configuration shown in the plans.

Question 34: Pertaining to Section SWT2-2.1.3: The listed removal requirements (92%/78%) are specific to a manufacturer/product. Please advise on the required regulation, standard, or performance requirements; or omit the section.

Answer 34: City to omit section (SWT2-2.1, item 3) from the specifications.

Question 35: Pertaining to Section SWT2-2.1.1: The required 80% average annual reduction conflicts with Section SWT2-2.2.1 which requires an 80% reduction at the design flow. These are two very different performance standards - Average annual reduction considers treatment for an entire year worth of expected flows, versus the unit providing treatment for a specific flow rate during any storm event. The design flow may or may not still be treated to 80% reduction while the average annual reduction is met. Please choose one treatment standard and omit the other.

Answer 35: City to omit section (SWT2-2.1, item 1) from the specifications.

Question 36: Pertaining to Section SWT2-1.2.1: This section states that 316/316L stainless shall be required. 316 Stainless is a marine grade steel. Will other marine grade



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materials such as 5052/6061 Aluminum or 304 Stainless Steel fulfill the requirements of this section?

Answer 36: Shop drawings for the HDS shall be prepared in accordance with Section 3-8.3. Alternative materials that substantially conform to the spec that are presented in the shop drawings shall be considered and may or may not be rejected.

Question 37: Please confirm that only one HDS unit (8-ft in diameter) is utilized for water quality. Two infiltration systems are shown, but only one HDS unit has been located on the current plans. Please provide the location and details of any additional units.

Answer 37: Confirmed, only one HDS is to be installed.

Question 38: Pertaining to Section Stormwater Treatment (SWT): The SiteSaver Stormwater Treatment Device is a Hydrodynamic Separator with a proven track record and CSWRCB Full Trash Capture approval. Will SiteSaver be considered as a Stormwater Treatment Alternate, even though it is a rectangular structure?

Answer 38: Alternatives to the HDS can be shown in shop drawings, which are required to be prepared in accordance with Section 3-8.3. These alternatives will be considered and may or may not be rejected. The alternative would need to substantially conform to the same footprint, design treatment flow rate, depth, and sump storage specs listed in the Specifications.

Question 39: Section SWI3-2 4) A. Calls out the 6" pad to be 1/4" aggregate. Can this be per the manufacturer's requirements?

Answer 39: Material for the 6-inch pad for the infiltration basins shall be per reference drawings and manufacturer recommendations.

Question 40: Section SWI3-2 9) A. Calls out the backfill material to be 3/8" aggregate. Can this be per the manufacturer's requirements?

Answer 40: Backfill material for the infiltration basins shall be per reference drawings and manufacturer recommendations.