

PROJECT 2987 EAST THIRD STREET REMEDIATION PROJECT

ADDENDUM NO. 2

ALL PROSPECTIVE BIDDERS are hereby notified that changes to the bidding documents for Project 2987; EAST THIRD STREET REMEDIATION PROJECT are to be made to the Contract Documents. The additions and/or deletions contained in this Addendum shall be made part of the plans and specifications, Special Provisions, and contract documents for the above-described project, and shall be subject to all applicable requirements thereunder, as if originally shown and/or specified. The changes and clarifications are as follows:

1. QUESTIONS:

- a. **See Attachment A for Pre-Bid Question and Answer Responses.**

2. BID DEADLINE

- a. **NONE**

3. PLANS/SPECIFICATIONS

- a. Please be advised of the following revisions/additions to the contract documents:
 - i. **Attachment B for Revised Bid Schedule**

4. CLARIFICATIONS

- a. Please be advised of the following clarifications to the contract documents:

NONE

BIDDERS MUST SIGN AND ATTACH one (1) copy of this addendum document to the proposal as acknowledgment of receipt of these instructions and that said addendum was properly evaluated in the proposal.

ANY PROPOSAL NOT IN COMPLIANCE WITH THIS ADDENDUM MAY BE REJECTED.

Attachment A – Pre-Bid Questions and Responses

1. Q1: Please confirm contractor personnel are required to have 40 hour HAZWOPER training?

A: Yes, contractor personnel are required to have 40-hour HAZWOPER training.

2. Please confirm if required backfill compaction is 95% as called out in the title of Bid item 11, Note e of the bid sheet, and specification section 31 05 13-3.6-B, or 90% as called out in specification section 31 05 13-3.4-O.

A: Fill shall be placed in 8-inch lifts for the entire backfill with 95% compaction from the bottom of the excavation to 4 feet bgs and 90% compaction from 4 feet bgs to ground surface. Fill material should not contain rocks or lumps larger than 6 inches in greatest dimension, with 15 percent or less than 2½ inches in the greatest dimension. Import fill material should be free of organics.

3. Please confirm if backfill is to be placed in 1-foot lifts to 4 feet bgs, then 0.5 foot lifts to surface as called out in Note e of the bid sheet, or in 2-foot lifts to 4 feet bgs, then 1-foot lifts to surface as called out in specification section 31 05 13-3.4-O, or in maximum lifts of 8 inches as called out specification section 31 05 13-3.4 B.

A: Fill shall be placed in 8-inch lifts for the entire backfill with 95% compaction from the bottom of the excavation to 4 feet bgs and 90% compaction from 4 feet bgs to ground surface.

4. Please provide the list of permits the city is anticipating that contractor must obtain and pay for.

A: The contractor must obtain the following City permits: No-Fee Encroachment Permit, a No-Fee Grading Permit, and a Water Meter Permit as specified in Appendix C of the bid documents.

The contractor is responsible for coordinating with other relevant agencies or parties for this type of work, including notification to the Bay Area Air Quality Management District (BAAQMD).

5. Section 31 05 13-3.7-F calls for disposal of hazardous material within 48 hours of removal but Note d on the bid sheet states TRC will sample stockpiles on RUSH 2 or 3 day turnaround, so disposal within 48 hours is not possible without pre-characterization sampling to allow for pre-profiling of the waste. Please confirm that disposal within 48 hours of removal is not required.

A: Correct. Removal within 48 hours is not required.

6. The environmental remediation work at the site will be performed under a Corrective Action Plan (CAP) that has been approved by the San Francisco Bay Regional Water Quality Control Board (RWQCB). With this site regulated and overseen by RWQCB, shouldn't the contractor engaged the remedial action have the HAZ endorsement in addition to the license classifications identified in Section 3.1 of the Notice Inviting Bids?

A: Yes.

7. Per section 3.1 of the TRC Corrective Action Plan (CAP), some soil samples on the site have detected chemical concentrations exceeding construction work Environmental Screening Levels (ESLs). Will 40 HR HAZWOPER training (40CFR1910.120) be required for workers that may come into contact with site soils?

A: Yes.

8. Can you please provide a spec for the pea gravel? Or can a more angular rock be used?
- Is shoring required? If so, can it be made an alternate in the Schedule of Values?
 - Also, can we have a bid extension so we can procure shoring quotes?
 - If not required, how long will the excavation remain open (until we can backfill it)?
 - Also if not required, and the sidewall fails, will the contractor be compensated to repair to the City's satisfaction?

A: Pea gravel for backfill is to be replaced with 3/4-inch crushed rock gravel. The selected contractor must submit gradation information to the City for review and approval before placement. Bid extensions will not be granted by the City. Excavation Safety, included as Bid Item 4A, addresses slope stability activities.

9. Some of the TPH excavation area appears suitable for disposal as Class II ADC, and some looks like it will be disposed of as Class II High VOC.
- These two Class II designations carry very different disposal costs.
 - Which should the contractor price in item #9 of the SOV ("Load and Transport Petroleum Impacted Soil")?

A: The contractor may list unit prices for each waste category.

10. Please confirm no dewatering is anticipated.

A: Correct, no dewatering is anticipated.

11. Can the gate and the road to the west of the project site be used for access?

A: Yes, the gate and the road to the west of the project site be used for access.

12. Is there a source of water onsite or nearby?

A: A fire hydrant is located on E Third west of the Site.

13. Will there be yard space provided at a county yard due to the advisement of not leaving equipment on site.

A: No, the city will not be providing yard space. The selected contractor will be responsible for securing their equipment.

14. With regards to the previous shoring question, can we assume the interior three sides will be benched?

- If so, how will the backfill of the stockpiled benched material be paid?
- Or is that quantity already included in item #4 and item #9, and thus in the backfill item #11?

A: Benching is an acceptable method for completing the excavation work. The added soil handling quantity is not included in Bid Items #4 or #9. Bid Item 4A has been added to account for this added scope of soil handling and backfill for slope stability purposes.

15. Please define "Unrestricted ESLs" in Section 31 05 13 Section 3.4

A: For the purposes of this work Residential ESLs are considered Unrestricted ESLs.

16. Is the City willing to change the pay units for Bid Items 3, 4 and 10 from CY to Tons?

A: Bid items 3 and 4 should be bid by the CY. Bid Items 11 and 12 are changed to tons.

17. May I confirm that the soil testing will be expedited to 2 days to allow for the aggressive schedule? Please confirm that this includes the soluble testing as needed to provide the landfills with all the required testing.

A: Chemical testing will be complete on a rush turnaround, typically 24- to 48-hours. Soluble testing will require 72-hour turnaround. Selected contractor is expected to sequence their work and coordinate with the City and its consultant to efficiently complete the work.

18. In addition, once updated soil testing results come out this will need to be added or we will need to create a new profile depending on results for landfill acceptance, all this is anticipated to be completed, including the actual construction work, in 6 days of work?

A: Selected contractor is expected to sequence their work and coordinate with the City and its consultant to efficiently complete the work.

19. May I confirm that Compaction testing is to be completed by TRC including the initial test to determine the Max Dry Density?

A: Correct.

20. What's the Type of Geotextile Fabric requested on Bid Item 10?

A: Mirafi 140N or an approved equivalent is acceptable.

21. General Conditions Article 4 – Bonds, Indemnity, and Insurance, Section 4.3.D.1 states that “the additional insured endorsement must be provided using ISO form CG 20 10 11 85 or equivalent form(s) approved by the City.” May you please confirm if our insurance carrier’s Ongoing Operations AI Form and Completed Operations AI Form are approved to use?

A: The City requires insurance endorsements to be provided using ISO form CG 20 10 11 85 or equivalent forms approved by the City. At this time, our records indicate that the forms in question have not been explicitly approved by the City.

22. Based on Figure 3 of the Corrective Action Plan (CAP) the TPH excavation is 13’ deep and extends to the property boundary. Is the Contractor required to protect the neighboring property and fencing with shoring? Without shoring soil from the neighboring property may slough into the excavation pit and undermine the fence. Request the City determine if shoring is required to level bids. Slot trenching and slide-rail shoring are common solutions for remedial excavations of this depth and size.

A: Slot trenching and slide-rail shoring are acceptable methods to complete the excavation work. Contractor is to describe the sequence of work for City review and approval. In the event that slot cuts are proposed, the expectation is that slot cuts will not exceed 8 feet in width or 8 feet in depth and will be backfill to at least 5 feet bgs prior to excavating adjacent slots.

23. Please confirm the City will layout the excavation areas and no surveying (layout or as-built) is required by the Contractor.

A: Correct.

24. Has utility locating been done in the excavation area? Can the City provide a utility map or confirm no underground utilities are located within the excavation area.

A: No utilities were identified during site characterization. Contractor is expected to complete 811 notifications.

25. Can Contractor’s utilize the paved entrance to the west of the site for truck entrance/egress?

A: Yes

26. Can you provide a specification on the geotextile filter fabric.

A: Mirafi 140N or an approved equivalent is acceptable.

27. Please confirm excavation confirmation samples can be collected by other from the Contractor's excavator bucket and no personnel will enter the excavation pit for sampling or other reasons.

A: Correct

28. Please confirm no track out rock is required, and rumble plates are sufficient at the truck exit.

A: Rumble plates are sufficient

29. Please confirm Contractors may start work at 7:00 am.

A: The contractor to begin work from 8am to 5pm.

30. Please confirm no grading permit is required.

A: A No-Fee Grading Permit is required.

31. Can angular gravel (e.g. ¾" crushed rock) be used in place of the pea gravel for backfill?

A: Yes. Pea gravel for backfill is to be replaced with 3/4-inch crushed rock gravel. The selected contractor must submit gradation information to the City for review and approval before placement. Bid extensions will not be granted by the City. Excavation Safety, included as Bid Item 4A, addresses slope stability activities.

32. Is the soil backfill required to be "engineered" fill?

A: Yes.

33. Do all site workers need to be OSHA 40-Hour HAZWOPER trained?

A: Yes.

34. Does the Contractor need to install protective fencing or K-rail around the TPH excavation?

A: Yes.

35. Can the unit rate for Bid Item 6 be used for moisture conditioning the backfill soil in Bid Item 11. Can additional days of Dust Control be invoiced if the field portion of the project, inclusive of excavation, soil stockpiling, soil loading, and backfill exceeds six shifts?

A: Yes. Additionally, if the project exceeds 6 days, dust control can be invoiced at the unit cost specified in the bid schedule.

36. Is the Contractor required to submit an engineered traffic control plan to obtain the encroachment permit?

A: No Traffic Control Plan is not required to obtain the No-Fee encroachment permit.

37. Is the Contractor required to hydroseed or install permanent BMPs after backfilling the excavation? Is there a topsoil requirement?

A: Yes. Bid Item 5 has been added to account for erosion control measures.

38. Does the Contractor need to perform any demolition on the project?

A: No.

39. Will contractor be able to use the adjacent property for truck entrance/exit?

A: Yes, the contractor may use the paved road on adjacent property to the west for truck entrance and exit.

40. Will contractor be able to use the adjacent property to stockpile excavated soils? Between the footprints of the excavations and the area needed to stockpile 1,300 tons of soil, it will be very tight to maneuver the large equipment and end dump trucks in only the existing space.

A: No.

41. Would a 3/4" angular clean drain rock be acceptable as fill to bridge the groundwater?

A: Yes, Pea gravel for backfill is to be replaced with 3/4-inch crushed rock gravel. The selected contractor must submit gradation information to the City for review and approval before placement. Bid extensions will not be granted by the City. Excavation Safety, included as Bid Item 4A, addresses slope stability activities.

42. Will the contractor be required to pay any permit fees, or will the City take care of any fees?

A: The city waives the grading permit and the encroachment permit, but the water permit is at the cost of the contractor.

43. Can import material unit pricing be changed from cubic yards to tons in the contract?

A: Yes. The Bid form has been revised to change select Bid Items to tons.

44. Can bid items 3&4 be changed to Lump Sum?

A: No.

Attachment B- Bid Schedule

Bid Schedule

This Bid Schedule must be completed in ink and included with the sealed Bid Proposal. Pricing must be provided for each Bid Item as indicated. Items marked "(SW)" are Specialty Work that must be performed by a qualified Subcontractor. The lump sum or unit cost for each item must be inclusive of all costs, whether direct or indirect, including profit and overhead. The sum of all amounts entered in the "Extended Total Amount" column must be identical to the Base Bid price entered in Section 1 of the Bid Proposal form.

AL = Allowance CF = Cubic Feet CY = Cubic Yard EA = Each LB = Pounds
 LF = Linear Foot LS = Lump Sum SF = Square Feet TON = Ton (2000 lbs)

BID ITEM NO.	ITEM DESCRIPTION	EST. QTY.	UNIT	UNIT COST	EXTENDED TOTAL AMOUNT
Site Setup					
1	Mobilization and Demobilization	1	LS	\$	\$
2	Site Preparation, including Installation of Gravel Pad and Shaker Rack, and Portable Toilet Rental	1	LS	\$	\$
Corrective Action Services					
3	Excavate Lead-Impacted Soil to a Depth of 2.5 feet Below Grade. Stockpile Soil on-site for Profiling. See Figure 3 in CAP for Excavation Limits	185	Per CY (a, b)	\$	\$
4	Excavate TPH-Impacted Soil to a Depth of 13 Feet Below Grade. Stockpile Soil on-site for Profiling. See Figure 3 in CAP for Excavation Limits.	845	Per CY (a, b)	\$	\$
4A	Excavation Safety	1	LS	\$	\$
5	Erosion Control	1	LS	\$	\$
6	Procure Place, and Mix 1,640 Pounds of ORC in Groundwater Encountered Within Excavation	1	LS (c)	\$	\$
7	Provide Water-Spray Dust Suppression During Soil handling	6	Per DAY	\$	\$
8	Provide Street Cleaning During Off-Haul Activities	4	Per DAY	\$	\$
Disposal of Excavated Soil					
9	Load and Transport Lead-Impacted Soil to Class I Landfill (Non-RCRA), California Hazardous).	290	Tons (d)	\$	\$
10	Load and Transport Petroleum-Impacted Soil to Class II/III landfill (Non-Hazardous)	1,345	Tons (d)	\$	\$

BID ITEM NO.	ITEM DESCRIPTION	EST. QTY.	UNIT	UNIT COST	EXTENDED TOTAL AMOUNT
Site Restoration					
11	Place 3-foot Layer of 3/4-inch Crushed Rock Bottom of Excavation and Install Geotextile Fabric over 3/4-inch Crushed Rock	295	Tons	\$	\$
12	Import, Place, and Compact Soil Backfill at Each Excavation. Assume 95% Compaction.	1650	Tons ^(e)	\$	\$
ALTERNATE BID A					
BID ITEM NO.	ITEM DESCRIPTION	EST. QTY.	UNIT	UNIT COST	EXTENDED TOTAL AMOUNT
1A	Load Transport Lead-Impacted Soil to Class II/III Landfill (Non-Hazardous).	290	Tons ^(d)	\$	\$

* Final Pay Quantity

TOTAL BASE BID: (Items 1 through 12) : \$ _____

Notes:

- a. In-situ cubic yards. See Figure 2 and 3 of the CAP for limits of excavation.
- b. Includes cost of double handling for purposes of stockpiling, if needed. This also includes costs for covering stockpiles and installing straw wattles at each stockpile as BMPs for dust and erosion control purposes. Erosion Control and sedimentation plan to be submitted to the City for Review.
- c. Assumes ORC® will be placed into the excavation and mixed with shallow groundwater. Contractor may recommend alternate methods.
- d. Includes procuring landfill acceptance and preparing manifest for signature by the City prior to the day of off-haul TRC will collect and analyze samples of stockpiled soil on RUSH 2 or 3 day turnaround for waste profile purposes.
- e. Assume 95% compaction for all backfill from excavation bottom to 4 feet bgs using 8-inch lifts, then 90% compaction from 4 feet bgs to surface. Compaction testing to be completed by TRC. Import material to be certified as "clean"
- f. The amount entered as the "Total Base Bid" should be identical to the Base Bid amount entered in Section 1 of the Bid Proposal form.

BIDDER NAME: _____

END OF BID SCHEDULE