Larkspur Excavation and Remediation Project

Date: April 25, 2019
To: All Plan Holders and Builder’s Exchanges for the subject Project
CC: Steve Moore, P.E., General Manager, Ross Valley Sanitary District
From: Joshua Andresen, P.E.
Subject: Addendum No. 3 – Larkspur Excavation and Remediation Project

TO ALL PROSPECTIVE BIDDERS:


It shall be the responsibility of the general (prime) contractor to inform any affected sub-contractors of the content of this Addendum.

CHANGES TO DRAWINGS:

Attached drawings C03, C04, C05, and C06 have been revised to show the locations for the three excavations where confirmation samples are required by USEPA to be collected prior to backfilling. The confirmation sampling requirements are summarized in Table 16, which was included with USEPA’s conditional approval for the work (included in Attachment A of the bid documents).

RESPONSE TO REQUEST FOR INFORMATION:

1. Question: SECTION 00420 CERTIFICATION OF BIDDER’S EXPERIENCE AND QUALIFICATIONS Article 2 – Project Experience, 1.0 Excavation and Disposal (pg. 00420-6), Paragraph a. specifically as written related to the specified excavation depths, may be too restrictive as to allow a suitable number of responsible bidders. Many remedial excavations are significantly less than 15’ and the excavation support and protection anticipated for this project impacts a relatively small amount of overall excavation area and volume. We acknowledge the importance of the excavation support for protection of life & property; however, we request that not all of the projects be subject to that requirement. May the experience requirement relative to excavation depths be changed to a minimum of one (1) of the three (3) projects?

Response: See Addendum No. 2, Item 4.

2. Question: SECTION 00420 CERTIFICATION OF BIDDER’S EXPERIENCE AND QUALIFICATIONS Article 2 – Project Experience, 1.0 Excavation and Disposal (pg. 00420-6), Paragraph b. states that each of the referenced projects shall be completed for at least one (1) year. This criteria may also reduce the pool of competitive bidders, especially companies that perform fewer,
longer select projects each year. May the experience requirement relative to past project completion be changed to a minimum of one (1) of the three (3) projects?

Response: No. Contractor shall demonstrate through related project experience that Contractor can meet the minimum qualifications for site restoration that extends through the warranty period.

3. Question: This was found on page00100-3 Instructions to Bidders. Is there any additional information/format you are able to provide that defines what you need to see in this summary. “Bids must include as summary of the contractors proposed means and methods to complete the work including a detailed discussion of the proposed excavation stabilization methodology.” The bid package has the “Certification of Bidder’s Experience and Qualifications” however I didn’t see any mention of the methodology in that either.

Response: The format and content of the required submittal is left to the Contractor. The submittal shall be clear and concise and describe the contractors proposed means and methods to achieve the project goals and complete the work required by the Owner and USEPA.

4. Question: Please clarify the maximum number of truck loads allowed to site on any given day. During the site visit, the number of 40 loads to or from the site was stated, based on the CEQA Mitigation Measures. Page 5 of Appendix D, Mitigated Negative Declaration states that the project is expected to result in, on average, 40 vehicle trips per day; assuming the average is over the 6-month project duration, this seems to allow for surges for project needs. Please note that there are approximately 6,300 loads expected for the project, based on bid schedule tonnages; if shipped at a rate of 40 loads per day, 157 days of shipping (26 weeks shipping 6 days a week) would be required. The project allows for 145 days from NTP to Substantial Completion, and just 30 more days to Final Completion.

Response: The CEQA document states the number of loads per day as “40 vehicle trips per day.”, which is defined as 40 haul trucks leaving the site each day. The number identified in the CEQA document is an average number of vehicles per day. Surges in truck trips will be allowed as long as Contractor complies with other requirements (e.g., City permits). Contractor shall consider an average of 40 truck loads per day as the maximum quantity allowable. The substantial completion and final completion durations were revised per Addendum 2, item 6.

5. Question: It was noted at the pre-bid meeting that import/export will be limited to a maximum of 40 loads per day. Given the import/export quantities on the project we anticipate over 7,000 loads. With the allowable 40 loads per day the project does not have sufficient working days. Can you please confirm that only 40 loads per day will be allowed and provide the specification and/or permit that limits the loads per day so we may review.

Response: See above response for clarification of number of haul trucks per day. The document specifying the number of trucks per day is the CEQA document provided in Appendix D of the Bid Documents. The substantial completion and final completion durations were revised per Addendum 2, item 6.

6. Question: Please confirm what analyses, in addition to those required by the DTSC Fill Advisory, are required for import materials (e.g., PCBs). Please confirm what the import material testing results should be compared to for acceptance at the site.

Response: Analyses required for import materials and comparative standards are provided in Section 002300, Section 1.06.E, as revised in Addendum No. 2

7. Question: Drawing C12, Detail 4: Please clarify if barbed wire is needed for construction entrance gate.
Response. If proposed by the Contractor, the District will consider eliminating the requirement for barbed wire on the construction entrance gate, however, Contractor is responsible for appropriate site security.

8. Question: Drawing C13, Detail 4: Detail indicates that wattle is to be installed at base of fence on downgradient side of construction. Please clarify locations for wattle installation during construction and/or for site restoration (no callout for this detail on C11 or other drawings and there are multiple fences on site, including silt fence shown on Drawing C02).

Response: Locations for wattle installation during construction shall be specified by Contractor and included in the Contractor-required SWPPP.

9. Question: 00010-2, bullet 1: Please specify requirements for waste characterization sampling and analysis for demolished concrete drainage-related features, if any.

Response: Demolished concrete drainage-related features will be free from soil and/or debris and disposed as construction debris. No laboratory testing is required. Refer to Addendum No. 2, Item 2.

10. Question: 00310-2: There is a discrepancy in unit price and total item bid price for Bid Item 26, Allowance for Wet Weather; please confirm allowance amount.

Response: See Addendum No. 2, Item 3.

11. Questions: 01275-14: Additive Bid Item for Controlled Low Strength Material Backfill is not in Bid Schedule; confirm this item is not needed.

Response: See Addendum No. 2, Item 3.

12. Question: Section 01275-6: For Bid Item 8 – please clarify if temporary fence is required around hazardous waste stockpiles, in addition to temporary construction fence shown on Drawing C02.

Response: Yes, temporary fence is required around hazardous waste stockpiles, in addition to temporary construction fence shown on Drawing C02.

13. Question: 01500-4 (Paragraph 1.07C): Is installation of aboveground temporary piping allowed for conveyance of construction water to site from nearby hydrant?

Response: Contractor will have to gain approval from City for installation of aboveground temporary piping for conveyance of construction water to site from nearby hydrant.

14. Question: 02300-6: Paragraph 2.01A specifies virgin import materials, please confirm this means quarry source.

Response: Contractor shall procure materials from a reputable quarry. Per the specifications, import materials shall be tested by Contractor, and test results provided to Engineer for approval, prior to being transported to the project site.

15. Question: 02490: Please provide specific requirements for geotechnical instrumentation, if any:
   - Number/locations of Displacement Monitoring Points at the top of the nail wall per Paragraph 1.01E and along the top of exposed support of excavation walls (i.e., shoring) per Paragraph 2.01C
   - Number/locations of Settlement Monitoring Points on the nail wall adjacent to the excavation per Paragraph 1.01E and for monitoring utilities per Paragraph 2.01D
Response: Requirements (number, type, etc.) for geotechnical instrumentation are the responsibility of Contractor to ensure the integrity of the wall is maintained based on the Contractor's approach to the required excavation work. The details of the geotechnical instrumentation for the nail wall and retaining wall shall be presented in the Contractor's Excavation Support and Protection System Plan.

16. Question: Conditional Approval page 6: Condition 9a specifies that intermediate loads of demolition debris will be generated to create each of the 400-cy stockpiles, and that incremental samples will be collected from the intermediate loads. Please specify any requirements for excavation/hauling/stockpiling of demolition debris to support incremental sampling by the Engineer.

Response: Engineer places no additional requirements on Contractor for supporting incremental sampling. Engineer will collect incremental samples required by EPA as the Contractor places soil in the stockpile area.

17. Question: Conditional Approval page 8: Condition 12b states that straw bales or straw wattles may not be efficient to control liquids draining from or storm water runoff entering or leaving the stockpile storage area. Please clarify if this prohibits the use of straw bales or straw wattles for perimeter berms around stockpiles.

Response: Straw bales or straw wattles may be used for perimeter berms around stockpiles but cannot be used as the means to control runoff from stockpiles.

18. Question: Condition 13a states that use of an excavator to excavate soil and then sample the soil from the excavator bucket could result in dilution of PCBs and the sample(s) not being representative of the as-found concentration if the sampling is not conducted in a manner that prevents or minimizes that risk. Please clarify if this prohibits confirmation sampling from excavator bucket, or if there are specified measures to prevent or minimize risk of dilution.

Response: The Engineer has EPA approval for Contractor to use an excavator to assist Engineer in collecting confirmation samples from excavations that are 5 feet deep or deeper. Contractor shall excavate soil from the base or sidewall of the excavation in a manner that allows Engineer to collect a relatively undisturbed sample of the excavation bottom or sidewall from the excavator bucket.

19. Question: Conditional Approval page 11: Condition 16 states that only soil removed from 0 to 2 feet below ground surface (approximately 6,100 CY per Cleanup Application) may be reused as backfill, and that the EPA has not agreed to the use of any other soil or material currently present at the Property for backfill. The bid schedule indicates up to 44,900 tons of excavated soil may be suitable for reuse. Please clarify this discrepancy, including clarifying if uncontaminated soil from depths exceeding 2 feet bgs, removed from non-remedial areas (e.g., for sidewall sloping), may be reused as backfill.

Response: Conditional approval refers to PCB-impacted soils that are designated for removal, as illustrated and referenced in the cleanup plan. Subsurface soil outside the area designated for excavation are considered clean and may be reused as backfill.

20. Question: On page 00420-1 Article 1 – Essential Requirements for Qualification. The directions state “or if the answer to any of the questions 4 through 7 is "yes", the bidder will be disqualified from being awarded the contract, Question 4 is “Bidder and Subcontractor are
registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5. YES or NO.” My question is: Will Contractor be disqualified for answering this question with YES? Furthermore, on page 00015-5 Notice Inviting Bids, last paragraph states that no contractor or subcontractor may be listed unless registered with the Department of Industrial Relations.

Response: Article 1 - ESSENTIAL REQUIREMENTS FOR QUALIFICATION shall be revised to include the following text: "If the answer to any of questions 1 through 4 is "no", or if the answer to any of questions 5 through 7 is "yes", the Bidder will be disqualified from being awarded the Contract.”

21. Question: SECTION 02300 EARTHWORK; Par. 2.01.E Import Material (pg. 02300-7) – Can you please provide an acceptable sieve gradation for the import fill? Due to the stringent DTSC requirements and the necessary quantity of import fill required, there may not be an economical supply of local soil to meet the projects needs and budget without expanding the criteria to include “rock”.

Response: We are not providing a sieve gradation for import fill but have revised the specification for additional clarifications. See Addendum No. 2.

22. Question: Pre-Bid Commentary; SECTION 00800 SUPPLEMENTARY GENERAL CONDITIONS, ARTICLE 2.01 TIME ALLOWED FOR COMPLETION; Appendix D CEQA Mitigation Measures; Appendix F Project Schedule 03/29/19 - Based on the anticipated bid quantities for off haul and import and repeated references within the Draft CEQA Mitigation Measures - “Total truck trips on average is expected to be 40 trips per day. It is unlikely that more than 40 trucks per day will enter and leave the site on most days; the actual number of trucks per day may be lower due to constraints at the site and the landfills.” If the CEQA language is interpreted as “40 [truck] trips per day”, that is, a total of 40 loads into or out of the site per working day, we request that the 145 and 170 Calendar Days for Substantial and Final Completion be re-evaluated.

Response: See Addendum No. 2.

23. Question: Pg. 12 of Specs – Can you please confirm this needs to be submitted with the bid, I couldn’t find any more details on this in the specs “Bids must include as summary of the contractors proposed means and methods to complete the work including a detailed discussion of the proposed excavation stabilization methodology

Response: Yes, this is required. See response to similar question in item 3 of this addendum.

24. Question: Pg. 12 of Specs – Is there a bid set that is outside of the documents downloaded on the website that we need to obtain in order to submit a bid or can we extract the bid forms from the specs online for bid submission?

Response: Contractor may use electronic documents downloaded from District website and does not need to purchase bid documents from Owner (Section 00010 – Notice Inviting Bids). Please note the bid form was revised (Addendum No. 2) and the revised version shall be used for the submittal.

25. Question: Pg. 32 of Specs- There isn’t a Equipment Rates or Labor Rates form in the specs. On Page 162 it says refer to 00431 and 00432 for those forms but they are not included in the specs. Please advise if these forms are required with the bid package?

Response: The Equipment Rate and Labor Rate forms are not required to be submitted by Contractor and are hereby removed from the documents and bid submittal requirements.
26. Question: Pg. 42 of Specs - It asks for experience qualification for staff to be used on this project but doesn’t ask for any certain positions or what the specified requirements are for those individuals listed? Can you please clarify the requirement that needs to submitted with the bid?

Response: Contractor shall identify in its project experience response the key staff associated with each project and identify if and how those staff shall be utilized for the District’s project.

Joshua Andresen, P.E. C70354

25 April 2019