

**REQUEST FOR INFORMATION
FOR
COUNTY OF SAN MATEO**

**LISTED BELOW ARE THE QUESTIONS (Q) SUBMITTED BY
POTENTIAL BIDDERS FOR THE**

TUNITAS CREEK BEACH IMPROVEMENTS PROJECT

**COUNTY PROJECT NO. P30T1
PROJECT FILE NO. E4995 (Project)**

**THE COUNTY OF SAN MATEO DEPARTMENT OF PUBLIC WORKS
HAS PROVIDED RESPONSES (R) TO THE QUESTIONS BELOW**

Response R1-R20 provided on 05/18/2023

Q1. Item 428 Midwest Guardrail will you be requiring end terminals? If end terminals are required, what type are you requesting?

R1. Yes, per detail 2/C12.1 and keynote 3/C4.2, a non-gating Caltrans approved 31" in-line terminal system end treatment will be required. MAX-tension In-Line Guardrail Terminal TL-2, or Caltrans approved equivalent, shall be used.

Q2. Item 525 Sheet L-118 arrow showing Habitat Protection Fence gives detail #11/L-509. There is no detail on this sheet. Please provide sheet number.

R2. See Detail 5/Sheet L-510. Addendum No. 1 will be forthcoming and will include the updated reference on Sheet L-118.

Q3. Item 503 Guardrail Calls for the post to be 316 Stainless Steel. Is the Stainless a Mill Finish or a Brushed finish?

R3. From Spec Section 75-2: Finish: Directional Satin Finish No. 4.

Q4. Item 503 Sheet 7/L-510 show mesh paneling for the Guardrail. What type of mesh is this? What type of material is this?

R4. From Spec Section 75-2: Wire net infill material shall be Carl Stahl X-TEND, or equal, manufactured from robust, high-grade DIN 1.4401/AISI 316 stainless steel cables. The cables are swaged with tinned copper (type CX) or stainless steel (types CXE and CXS) clamps in a special process to form a mesh structure that is both stressable and flexible and suited for either two- or three-dimensional applications.

Q5. Items 501-506 are listed twice on the bid schedule but have different Item Descriptions and Quantities. For example: Bid item 501 on page 8 is Wood

Decking with a quantity of 855 but on page 9 bid item 501 is listed again as Slope Stabilization Seeding with a quantity of 82,000

R5. The Engineer notes that bid item numbers 501 to 506 were duplicated in the bid schedule. Thus, the Engineer hereby makes the following changes to the bid items in the schedule as follows:

- *“Slope Stabilization Seeding” is changed from bid item 501 to 526*
- *“Social Trail Slope Stabilization Seeding” is changed from bid item 502 to 527*
- *“Plants/ Shrubs” is changed from bid item 503 to 528*
- *“Ground Cover” is changed from bid item 504 to 529*
- *“Trees” is changed from bid item 505 to 530*
- *“Landscape Maintenance” is changed from bid item 506 to 531*

Addendum No. 1 will be forthcoming and will reflect the changes listed above.

Q6. Section 79 of the Special Provisions specifies 4” diameter water pipe where both the utility plan and schedule of values call out 6” diameter pipe. Please clarify.

R6. The waterline shall be 4 inches. Addendum No. 1 will be forthcoming including updated specifications and plan sheets.

Q7. Section 79 of the Special provisions requires installation of the water pipeline by trenchless methods. Is it acceptable to install the water pipeline by open trench methods?

R7. Special Provisions Section 79 has been updated to allow for open trench within the parking lot and potentially to the future house location. Addendum No. 1 will be forthcoming including updates to Project Specification Section 79.

Q8. Drawing E1.1 - Conduit between MSB and Transformer TX has feeder designation F412T. This feeder is not listed on the feeder schedule on the bottom right of this same drawing. Please provide feeder sizing for F412T.

R8. This is a typo. The feeder F412T should be F312T. Addendum No. 1 will be forthcoming and will include updates to Plan Sheet E1.1.

Q9. Drawing E2.1 shows 4" conduit for PG&E Primary Power. Joint Trench drawings show 6" Primary power conduit. Please provide direction on which to follow.

R9. Keynote 4 on sheet E2.1 is incorrect. Addendum No. 1 will be forthcoming and will include updates to Plan Sheet E2.1.

Q10. Drawing E2.1 - 4" conduit routing shows 4 pullboxes referencing Note 5. Note 5 states size and install per utility drawings. Utility drawings were not provided. Are these supposed to be #7 PG&E boxes per Joint Trench drawings?

R10. All PGE conduits and pull boxes that are part of the undergrounding are shown on joint trench plans (JT-00 to JT-03). Thus, the pull boxes referenced on the

electrical plans are the #7 PGE pull boxes. Addendum No. 1 will be forthcoming and will include updates to Plan Sheet E2.1.

Q11. Joint Trench drawings show a quantity of two #7 PG&E boxes. Electrical drawing E2.1 shows quantity of 4 pullboxes. Bid Schedule Item 803 shows a quantity of 3 PG&E boxes. Please provide direction on quantity of boxes required for primary conduit run.

R11. The electrical drawings do not show the latest design of the joint trench. Refer to the joint trench drawing for PGE facilities. There are two #7 and potentially an additional #7 for the new feed in the parking lot. Please use three #7 pull boxes in the bid schedule. Addendum No. 1 will be forthcoming and will include updates to Plan Sheet E2.1.

Q12. Bid Schedule Item 906 - Electric Vehicle Charging Station Quantity shows 4. However there is only 1 shown on electrical drawing E2.2 - Sheet Note 7. The other 7 charging stations are shown as future. Please advise.

R12. Sheet E2.2 shows seven (7) electric vehicle stalls. They shall be served by three (3) single pedestals with two (2) standard SAE J1772™ Level 2 charging port with locking holsters, supplying up to 7.2kW. The final shall be a single pedestal with one Level 2 charging port. Addendum No. 1 will be forthcoming and will include updates to Section 87-4 of the Special Provisions.

Q13. Bid Schedule Item 806 - Comcast Pullboxes are not shown Joint Trench Drawings. Can you please clarify where these will be installed?

R13. They will be installed parallel to the AT&T pull boxes. Addendum No. 1 will be forthcoming and will include updates to the Joint Trench Plan Sheets.

Q14. Where are the PG&E Material Summary Sheet and bid documents located?

R14. To clarify, under this project and contract, the general contractor will install the conduits and joint trench only (See Sheets JT00-JT03). Under a different contract, PG&E will be using their contractor to pull wire through the conduits that are installed by the County's contractor.

Q15. Which type of post will we be installing, wood or steel? (referring to the Midwest Guardrail System)

R15. 8" wood posts shall be installed for the MGS.

Q16. Reference is made to Note 3 on Drawing C11.1
There is no method of compensation in the bid items to address "All identified seepage zones shall receive 100 percent coverage of a 2 foot thick layer of Caltrans Class 2 Permeable Material". Please resolve

R16. Bid Item 907, "Seepage Repair Mitigation" has been added to the bid schedule and Section 61 of the Special Provisions.

Q17. For Bid Items #804-#805 - AT&T Pull Boxes – Are these precast or polymer? Drawings attached. (See Attachment 1)

R17. The pull boxes shall be precast. Addendum No. 1 will be forthcoming and include updates to Specification Section 86-2.

Q18. For Bid Item #805 - Please verify the precast size is 30x60 and not 36x60.

R18. The precast box size is 30"x30"x36".

A revised Response R19 provided on 05/23/2023

Q19. Is the description for Bid Item 426 supposed to be "Wood Topped Stairs" as referenced in Section 73-3?

R19. ~~Yes.~~ Section 73-3 has been updated to correct the item description in the payment clause. Refer to Addendum No. 1.

Q20. Is the quantity for Bid Item 426 supposed to represent the concrete stringer volume only under the stairs? If so, the bid quantity is approximately 4x too high.

R20. Bid item 426 is revised to 16 cubic yards, which includes the stringers, walls and all appurtenances required to construct the wood topped stairs. Addendum No. 1 will be forthcoming and will include updates to the bid schedule.

Response R21-R71 provided on 05/23/2023

Q21. For Bid Item #803 - Would you confirm these are the boxes required for #7 - PG&E? Verify Code/Drawing Attached (Attachment 2). 4686-Slice Heavy Traffic Assy - 100010963 - 04-1441.

R21. 4686-Slice Heavy Traffic Assy - 100010963 - 04-1441 are PG&E Box #7.

Q22. There are no references to weather / rain day allowances nor criteria given. The construction period will occur throughout the rainy season but no rain day allowance or criteria is provided. In addition, some MMRP environmental items call for construction activity to stop during a rain event and the following 24 hours after rain. Please advise how many rain days will be accounted for in the construction schedule on to be used in addition to the 180 working days. (Reference: Special Provisions Section 8-1)

R22. The Engineer does not charge a working day for a day that has adverse weather conditions consistent with Section 1 of the Standard Specifications. Refer to Addendum No. 1 for updates to Section 8-1 of the Special Provisions.

Q23. The Engineer / Architectural / Client submittal review duration will impact the start of construction and associated Winterization deadline. Please provide this submittal review duration to be used for scheduling the work. (Reference: Special Provisions Section 8-1)

R23. All submittals will be returned within five business days. Note that the grading work associated with the winterization schedule has limited submittals.

Q24. The MMRP lists multiple potential restrictions (exclusion zones, moratoriums for breeding and nesting periods) based on surveys by qualified biologists. Most of these will have a direct impact on work activities and project completion date. Please provide criteria for acceptable schedule delays as it relates to MMRP items. (Reference: Special Provisions Section 8-1)

R24. The Contractor shall assume no delays in pursuing the work.

Q25. Switchgear lead-time will most likely impact project completion date. Will temporary provisions be required to mitigate this impact or will the start date be adjusted to allow for such long lead items? (Reference: Special Provisions Section 8-1 and Section 87)

R25. The Engineer can extend the time of completion should items require additional time to arrive at the site. The Contractor shall provide evidence of a delay in procuring materials. This does NOT apply to the winterization deadline.

Q26. PG&E cutover and energization is not part of Contractor's scope and may impact startup of equipment prior to project completion date. Will temporary provisions be required to mitigate this impact? (Reference: Special Provisions Section 8-1 and Section 87)

R26. The Contractor will not be responsible for PG&E related delays.

Q27. Section 100 Construction Layout states that the County reserves the right to eliminate Construction Layout from the project completely. Please clarify what the alternate means for providing construction layout will be.

R27. The County will provide the layout for the contractor.

Q28. We are confirming that no longshoreman insurance is required due to its proximity to the beach. We would expect not as the specs do not require it and will have a cost impact to bids.

R28. No longshoreman insurance is required.

Q29. We see that the planting are native to the region, and were confirming that no irrigation for these plants were required as there is no mention in the drawings nor specs

R29. There is no irrigation included in the project. However, see Section 20-2 of the Special Provisions for watering requirements.

Q30. Section 8.4 address the date for the early grading incentive and section 8.5 address when winterization measures must be implemented if the grading work in not completed by November 15th. However Section 8 does not address a date on when grading operation may recommence if not completed by November 15th.

R30. Recommencement of grading work will be dependent upon weather conditions and the scope of the work. For instance, limited grading that can be stabilized within days could be allowed. Work related to slope stabilization will not be allowed until Spring 2024.

Q31. Section 77-7, Wayfinding, Land Recognition, and Interpretive Signs, of the Special Provisions states that "The Contractor shall fabricate the sign panels and install." However, Detail 1/Sheet L511 indicates the sign panels will be fabricated and installed by others and that this work is "not in contract." Please clarify.

R31. The Contractor will fabricate the sign panels with graphics provided by the County. The Special Provisions will govern.

Q32. The stair details on sheet L-508 are not representative of any stairs shown on Layout or Material plans – none are 9'-3" long, and the plan widths vary (some up to 10' wide). There are no dimensions for the footing/stringer depths. There is a callout for a "2x12 concrete stringer @ 48" O.C." but the stringer details show totally different dimensions and spacing. Please provide new stair details.

R32. Sheet L-508 has been updated. Refer to Addendum No. 1 for updates on the stair detail.

Q33. What is supposed to be used for fill between the concrete stringers; under the timber steps?

R33. The Contractor shall use 3" compacted Class II Aggregate Base, only between stringers.

Q34. Please provide the required criteria as it relates to maintenance of the planting for the warranty duration.

R34. Refer to Section 20-2 of the Special Provisions.

Q35. We see that the plans related to Deck #1 and Deck #2 require 24" diameter piles, however the depth of the piles are not specified. We see that S-1 has a table providing Pile diameter and depths for walls but not the deck. Can the lengths be provided? Page 90 and drawing #L506.

R35. All deck footings shall be embedded to a depth of at least 30 inches into undisturbed soil. This requirement has been added to Section 77-2 of the Special Provisions. Refer to Addendum No. 1.

Q36. Please provide the required criteria as it relates to maintenance of the planting for the warranty duration as there is no irrigation for such planting.

R36. Refer to Section 20-2 of the Special Provisions.

Q37. **Part A:**

Language in the project specifications includes the following passage pertaining to site conditions:

"The Contractor shall assume that all soil has levels of contamination that exceeds environmental screening levels listed by the California Regional Water Quality Control Board for residential land use or commercial/industrial land use, but the soil is non-regulated and non-hazardous. Thus, all material shall be disposed of in an appropriate landfill."

Upon what is this assumption based on? Please forward results of any and all sampling that has been performed to date.

Part B:

Further, with reference to development of the Health and Safety Plan, the specs state:

"The vendor shall complete analytical testing of soil conditions found at the site for: lead, hydrocarbons, metals, pesticides, polychlorinated biphenyls, and any other contaminate deemed necessary by the document's author."

This would imply that part of the scope would include a Phase II Environmental Assessment, including characterization of the soils (and possibly groundwater) for the listed contaminants. For an 8-acre site, this would involve a significant number of samples and consequent staff and laboratory expense. Please confirm that this is part of the scope and price?

R37. There are no analytical soil samples completed for the site. The HSP area shall be limited to the top of bluff adjacent to State Route 1, along the pathway between the top of bluff and mid bluff, and within the mid bluff area. See Section 19-3 of the Special Provisions for soil testing related to soil disposal. Section 10-4 of the Special Provisions has been updated to include the aforementioned location and limits of the HSP area. Refer to Addendum No. 1.

Q38. Per Sheet JT00 top left "Joint Trench" responsibility matrix has reference to Gas Material, however there are no gas lines shown. Can you confirm that there is no gas scope as the drawings and specs do not have any scope defined besides this table?

R38. There are no proposed gas lines.

Q39. Section 19-3 – Export states *"The Contractor shall assume that all soil has levels of contamination that exceeds environmental screening levels listed in California Regional Water Quality Control Board for residential land use or commercial/industrial land use but is non-regulated and non-hazardous. All*

materials shall be disposed of in an appropriate landfill...” Per review of the Contract Documents (including exhibits) there is no preliminary analytical information for the soil. Section 19-3 is vague. The soil type defined in section 19-3 will be either accepted at a Class II or Class III landfill facility. The soil would be utilized for cover material or direct burial dependent on the soil testing. The cost difference between cover and direct burial soil disposal are not the same cost and the location of the facility that can accept the material can also influence the pricing.

This is a competitive bid and to facilitate that all bidders are bidding the same export material, please advise if the export material is to be bid as non-hazardous cover soil or direct burial soil.

R39. The Contractor shall assume the soil is not a hazardous substance as defined in Sections 25316 and 25317 of the California Health and Safety Code. Should this type of material be encountered, it shall be managed consistent with Section 14-11.02 of the Standard Specifications as well as Section 5-1 “Differing Site Conditions” of the Special Provisions.

Q40. Section 36-4 – Decomposed Granite. The payment provisions for Bid Item 413 - Stabilized Decomposed Granite Paving does not address the payment of the 3” section of Class II base. Please advise if another bid item will be added for the Stabilized Decomposed Granite Base. If a bid item is not added, please advise what Bid Item will be utilized for the payment of the Stabilized Decomposed Granite Base.

R40. There shall be no compacted class II under the decomposed granite.

Q41. What surface material is used for shoulder backing at the trail, and at rammed earth donor wall? Stabilized DG as in details on plan sheet L-5.07, or AB as on plan sheet L-112?

R41. Stabilized decomposed granite shall be used in both locations.

Q42. What is the edge condition of the proposed Parking Asphalt at the AB Overflow Parking area? Header, Curb, or other detail?

R42. There is no concrete curb or redwood. The edge condition is the compacted Class II material that acts as shoulder backing.

Q43. Bid Item 414 Shredded Hardwood Mulch. What is the thickness section for this material? Any AB rock used in the section?

R43. The hardwood mulch shall be installed to a depth of at least 6 inches. There is no aggregate base installed at this location.

Q44. Where are the 8” Perf Pipe on the plans, Bid Item 702 at 305 LF?

R44. See C15.1 detail 3 for the detail; these are the storm drain outfall dissipaters as shown on the grading plans.

Q45. What is the layout for the Bioretention 6" perf pipe? It is shown in detail, but not in any plan view.

R45. The perforated pipe is located generally in the center of the bioretention areas.

Q46. Where can we find non-potable construction water, as per specifications, near the site?

R46. The contractor will need to find a source of water.

Q47. Will there be a plant list for bid item 529 "Ground Cover"? Specs under Ground Cover and Plant Planting states to set out and space ground cover and plants as indicated. Planting schedule on L-121 lists the shrubs and trees, while ground cover area calls for native slope stabilization hydroseeding with specified seed mix.

R47. Slope stabilization seeding, ground cover, and social trail slope stabilization shall be the seed mix as shown on Sheet L121.

Q48. Is there a seed mix for the permanent 3-step hydroseeding in plan sheets EC1.1 - EC1.5.? Will this be under payment for bid item 526 "Slope Stabilization Seeding"?

R48. Yes, refer to R47 above.

Q49. Is the native slope stabilization hydroseeding seed mix called on plan sheet L-121 the same seed mix to be used for bid item 527 "Social Trail Slope Stabilization Seeding"?

R49. Yes, refer to R47 above.

Q50. Will components and rates be provided for the hydroseeding for both bid items 526 and 527?

R50. Yes, refer to R47 above. The rates shall be per seed supplier.

Q51. Please provide depth of Shredded Hardwood Mulch at Play area.

R51. It shall be to a depth of at least 6 inches.

Q52. Please advise where steel edging between Stabilized Decomposed Granite and planting areas gets paid for in the bid form.

R52. All steel edging shall conform to Section 75-5 of the Special Provisions. Payment for steel edging shall be included in the unit price paid for the stabilized decomposed granite paving.

Q53. Please advise where the steel edging between Stabilized Decomposed Granite and Resilient Surfacing gets paid for in the bid form.

R53. All steel edging shall conform to Section 75-5 of the Special Provisions. Payment for steel edging shall be included in the unit price paid for the stabilized decomposed granite paving.

Q54. Please verify location of vehicular aggregate area and pedestrian aggregate area.

R54. Vehicular and pedestrian aggregate areas are identified on Sheets C4.2, C4.3 and C4.5.

Q55. There is big difference quantity between our takeoff quantity for both items #406 and #407 which are 646 TON and 192 TON respectively but bid form shows 580 TONs and 46 TONs subsequently. Please advise.

R55. No changes to the quantities. Bid as shown on the bid schedule.

Q56. Please verify limit and location of Slope Stabilization Seeding and Social Trail Slope Stabilization Seeding on plan.

R56. Slope stabilization seeding is located in any area disturbed by grading activities. Social trail slope stabilization limits will be directed in the field by the engineer and are generally shown on the landscape plan L002.

Q57. Please confirm if hydroseed shown on Erosion Control Plan and Planting plan will use one type of seed mix and at the same area.

R57. Yes, the hydroseed is the same mix used on the Erosion Control Plan and Planting Plan.

Q58. For bid item #501 and #502, our total takeoff for hydroseed is around 173,141 SF but bid form shows almost half of our quantity which is 92,000 SF. Please advise.

R58. Please bid as shown in the bid schedule. Slope stabilization seeding, social trail stabilization seeding, and ground cover are the same seed mix.

Q59. Please advise which planting material should be paid in item #504 Ground cover.

R59. Refer to Response R58 above.

Q60. Please clarify what bid item #504 in the bid form "Groundcover" is for, which has conflict with actual quantity of Groundcover defined as "Native seed mix area" to be approximately 120,000 SF, while this item has only 32,000 SF per bid form. Additional, please advise where mulch item gets paid for. Is it included in bid item 503?

R60. The intent of the project is to hydroseed areas disturbed by grading activities. Slope stabilization seeding, social trail stabilization seeding, hydro seeding and ground cover are the same seed mix. In general, these areas are shown on the landscape plan sheets L121 to L128. Bid as shown on the bid schedule.

Q61. Bid Item #503, our takeoff quantity is 4,200 SF which has conflict with bid form to be 32,000 SF. Please advise.

R61. No changes to the quantities. Bid as shown on the bid schedule.

Q62. Please advise where Jute netting gets apaid for in the bid form.

R62. There is no jute netting. Please see specifications for requirements regarding erosion control.

Q63. Please advise where 3/4" Tan Color Crushed Rock at Bioretention Areas gets paid for in the bid form.

R63. This item is paid as part of bid item #705 bioretention area soil.

Q64. Bid Item #704 Class II Permeable under bioretention area, our takeoff quantity is 28 CY while it shown 65 CY in the bid form. Please advise.

R64. Class II permeable is used in other areas beside bioretention.

Q65. Please provide where Class II Aggregate Base under Decomposed Granite layer gets paid for in the bid form.

R65. There shall be no compacted class II under the decomposed granite.

Q66. Bid Item #411 Resilient Surfacing, our takeoff quantity is approximately 13,000 SF while it shows 15,450 SF in the bid form.

R66. No changes to the quantities. Bid as shown on the bid schedule.

Q67. There is a big gap quantity between our takeoff to be 4,136 SF and bid form shows 7,300 SF for bid item decomposed granite 413. Please advise.

R67. No changes to the quantities. Bid as shown on the bid schedule.

Q68. There is a missing planting takeoff on every planting plan because planting legend hides landscape area. Please clarify and issue new drawings.

R68. The missing hatch legend is hydroseeding, slope stabilization seeding and ground cover.

Q69. It looks like a missing plan for continuation of both sheets L-115 and L-117 that lead to proper misleading some quantity. Please clarify.

R69. There is no missing plan or changes to the quantities. Bid as shown on the bid schedule.

Q70. Please advise if we will provide temporary irrigation for all hydroseed and shrubs areas.

R70. Refer to Section 20-2 of the Special Provisions.

Q71. Please provide depth of existing Gravel parking area. Please also provide size and material of existing Gravel.

Q71. This is an unknown depth. The size appears to be similar to ¾" crushed rock.

All RFI Requests were due last Friday, May 19th, 2023. No further responses will be provided for any additional RFI's received.

Updated as of **May 23, 2023 at 3:30 P.M.**

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