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QUESTIONS & RESPONSES #07

PROCUREMENT NUMBER: 072026-1051

RFP/RFQ TITLE: Arkema Interim Action-Phase 1

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QUESTIONS DUE DATE: September 10, 2026, @ 2:00 PM (PDT)

Q&A ISSUE DATE: Thursday, September 10, 2026

#	Question	Answer	Question #
1	We're looking at the Arkema Interim Action Phase 1 project, and we're wondering if you can provide all available cross sections, CAD files, and/or vector pdf drawings for earthwork takeoff purposes? The scanned drawings don't technology well.	If contractors would like a copy of the digital drawings please send a completed request form to procurement@portoftacoma.com . The request form is on the procurement portal.	Email
2	Table 1 in Part 3.08 B. of Specification 31 56 13.16 states strength criteria for the self-hardening slurry is greater than 100 PSI, with no age or cure time specified. Part 3.08 F. 5. E. indicates that specified strength is 20 PSI at 28-days. Figure 3 and Table 3 included in Appendix C of the Project Manual show strength results for the trial batches and appear to indicate that 20 PSI UCS is generally achieved at roughly 20 days cure time and 100 PSI UCS is generally achieved at roughly 80 days cure time. Please clarify the required strength and cure time for UCS testing of the self-hardening slurry. Please also clarify the acceptance criteria for strength, specifically including procedures and timing for gaining acceptance of the work when cure times greater than 28-days are necessary to achieve the required strength for the prescribed slurry mix.	See Addendum 1 and Section 3.07 E. 4. See Addendum 1 and Section 3.06 B. 6.	Q-004001
3	Parts 2.01 and 2.02 of Specification 31 56 13.16 note that materials to be used in construction of the containment wall have been pre-tested and approved and that sepiolite has been selected as the clay component for the slurry. Part 2.02 states: "Sepiolite shall be Sea Mud available from IMV Nevada," "and shall meet the most current API Standard 13A specifications." We contacted IMV for a quote on this material and they informed us that they are not currently producing Sea Mud meeting API Standard 13A and they do not anticipate being able to supply Sea Mud for this project. IMV stated that they still produce powdered sepiolite which meets the 70% passing No. 200 sieve requirement, but its not "Sea Mud" and does not meet API Standard 13A. Since Sea Mud is not available as described in 31 56 13.16, will the specification be amended to prescribe an alternate clay component for the slurry, such as powdered sepiolite from IMV or another product from another supplier/manufacturer, which is commercially available for use in this project?	See Addendum 1 and amended specification for use and supplier of Attapulgit clay.	Q-004000
4	Simply looking to obtain a complete Plan Holders list - For: 072026-1051 - Arkema Interim Action-Phase 1	Posted 8/24/26	Q-003991
5	Per Section 01 20 00, 1.07.N, Item #14: Pre-cap Grading and Earthworks, "The Engineer estimates an additional 2,400 cubic yards of material from the Dredging Sediment Pile will be required to meet the pre-cap grading plan contours and elevations." However, there are 5,700 total cubic yards in the sediment pile and 3,700 cubic yards are to be used in Bid Item 10. Please verify quantities.	Quantities are correct. Bid item 10 assumes temporary use of material for preload.	Q-004011
6	On sheet C2.13, under Structural Steel, it notes all piles shall be galvanized grade 3, while in the specification section 31 62 16 - 2.01, it only notes grade 3, with a 2-part coal tar epoxy. Can you confirm that the pipe piles are not intended to be galvanized?	See Addendum 1	Q-004010
7	Spec Section 31 20 00 3.02(4) notes that Contractor shall use land-based equipment for work unless otherwise approved by Engineer. Contractor proposes using barge based crane for installation and support of cofferdam sheet installation and pile driving.	See Addendum 1	Q-004007
8	Are CAD files available for bidding purposes, and if so, can they be released in an early addendum?	If contractors would like a copy of the digital drawings please send a completed request form to procurement@portoftacoma.com . The request form is on the procurement portal.	Q-004021
9	Spec section 334200-3 2.03 A. In-line Check Valve, states that either a flanged outlet end or a std. interior installed check valve is acceptable. Plan sheet C2.14 and C2.15 appear to show the valve with a flanged end. Is it your preference that the valve have a flanged end?	No preference. Contractor shall determine type.	Q-004055
10	Plan sheet C1.9, note #4 and plan sheet C1.10, note #5 call for 8" CPP pipe. Should this pipe be perforated and do you have an estimated qty? Or is this to be determined in the field, as directed by the engineer?	The pipe shall not be perforated. Per sheet C1.9, note #4, the crossings are a minimum of 20-feet width, excluding side sloping. The contractor shall determine the length of pipe necessary to clear the crossing.	Q-004054

11	Do you have a manufacturer that you used as a basis of design for the water treatment vaults, or is it your intent that the contractor manufacture the treatment vaults with the individual components specified on plan sheets C2.10, C2.11?	Contractor to furnish precast water treatment vaults per section 33 05 63 - Utility Vaults and Structures and plan sheets C2.10 and C2.11.	Q-004053
12	Will you please provide the I.D. of the exiting 36" HDPE pipe shown on plan sheet C2.5 . The I.D. is needed to get an accurate quote on the WASTOP inline check valve. Plan sheet SV1.5 calls the pipe out as 34" with 2" wall, 38" O.D.. If this is true, would the existing pipe be 36" DR21 DIPS HDPE with an O.D. of 38.30" and an I.D. of 34.4	For bidding purposes, this assumption will work. Contactor to field verify prior to ordering.	Q-004052
13	Due to the upcoming holiday weekend in close proximity to the bid due date, can the date be extended by 1 week?	Yes, the bid date can be extended by 1 week in Amendment 2 to be issued	Q-004050
14	Can the Port provide the anticipated date of contract award?	Contract award is anticipated to be achieved by 9/23/26. Contract execution is anticipated 10/3/26. Anticipated dates will depend on Contractor responsiveness to contracting requirments.	Q-004057
15	Can the Port provide information regarding railroad operations at the site, including: - Train frequency - Typical train speeds - Freight traffic - The amount of track switching activity that occurs on the railroad tracks that must be crossed to access the site.	Per Tacoma Rail: Tacoma Rail does not typically run train on that segment of track between 0700 and 1700. If trains run, it would be on an exception basis. Trains run at 10mph or less. Yes, freight traffic. Overnight 20-30 cars are handled on a nightly basis.	Q-004057
16	Is there a water source available on site for contractor use during construction?	No. Contractor to procure water for project use.	Q-004057
17	Should the contractor anticipate encountering any asbestos-containing materials (ACM) during subsurface utility capping activities?	No. ACM was not encountered during utility trenching.	Q-004057
18	Can the Port provide available analytical data for arsenic concentrations within the project soils?	See Washington State Department of Ecology website for the Site (Site 3405 - Arkema Inc) for the <i>Final Remedial Investigation Report</i> . Figures 5-10a, 5-10b, and 5-10c provide arsenic concentrations across the entire site, including within the project limits.	Q-004057
19	The Schedule of Values includes Bid Item #12, Storm Drain Preload Removal, but there does not appear to be a bid item for Utility Preload Placement. Should storm drain preload work be included and paid under Bid Items #10 and #11 (Preload Placement & Compaction)? If not, please clarify the appropriate pay item for this work.	Preload volume for the Storm Drain Preload is provided under bid Item #10. See Addendum 2	Q-004057
20	00758539B01 & 00808583W01 , which are listed as Airport Extra Heavy Duty load rating - EJ defines their extra heavy duty rating as follows: Casting has been proof load tested to a minimum 200,000 lbs. This includes an additional safety factor over FAA design loading. Max. 200,000lbs. acceptable load weight. Plan sheet C2.25 calls for 30" ring and gasketed water tight covers. EJ can provide an Airport Extra Heavy Duty load rated casting that matches the rating above. Are these load ratings acceptable? Or do they need to meet the required loading of 240,000lbs per the spec.?	See Addendum 2	Q-004058
21	If at all possible, would the Port consider pushing bid due dates (including question due date) out by one (or two) week(s)?	See addendum 2. Bid due date was extended to 2pm September 17th.	Q-004074
22	Please provide the following information from Tacoma Rail: How Many railroad tracks are involved? Number of passenger trains per day? Number of freight trains per day? Are flagmen used at crossings? What are the traffic conditions and patterns? Contact person and number for Tacoma Rail.	See responses to Questions 15 and 23 for additional information. One railroad track is involved. No passenger trains use the track. Approximately 2-4 trains cross nightly, moving a total of 20-30 rail cars No flagging is used at the crossing. It is up to the motorist to determine if the track is safe to cross. See information above and response to Question 15 for traffic conditions and patterns. <u>The Engineer shall coordinate Tacoma Rail questions</u>	Q-004072
23	Does a Right of Way Entry Agreement currently exist between the Port and Tacoma Rail? If so, please provide. If not, please establish a Right of Way Agreement to allow for the Rail to provide accurate cost and terms needed for the project. Presently, it is unclear what costs the Contractor needs to account for when it comes to interacting with the Rail.	A ROE is not required if there is no work being performed in TR ROW. Contractor can use the driveway as a driveway. Tacoma Rail can and will use the rail line as operations require, but current typical rail use is defined in responses to Question 15 and Question 22.	Q-004071

24	Section 31 20 00 – Please quantify Unsatisfactory Soil Materials and clarify how work to process Unsatisfactory Soil will be measured and paid.	There is no quantity estimate for unsatisfactory soils. Review section 31 20 00 regarding the definition of Unsatisfactory Soil Materials. There is not a specific Bid Item for this material. If unsatisfactory materials are encountered the material shall be stockpiled or reused if processed to comply with specifications.	Q-004070
25	Please clarify survey responsibility. Which features require survey by PLS? Is survey required for volume calculation? Where (which bid item) should the Contractor use to account for survey costs in their proposal.	For features requiring survey by PLS see section 31 20 00 Section 1.04.D. and Addendum 3. Survey is required for preload volume verification and designed surface elevation verification. See Section 01 20 00 - 1.05.F. for payment. The Contractor shall account for survey costs in the Bid Items in their proposal as they see appropriate to meet project requirements.	Q-004069
26	Can the import material for Bid Item 11 be measured and paid by the Ton?	No. Payment will be based on the material required to establish the contractually required prism.	Q-004068
27	Please clarify under which Bid Item the bidder should include costs for disposal of vegetation debris (from clearing and grubbing activities).	See Bid Item #4	Q-004067
28	Section 01 57 13 3.11.D discusses water with arsenic concentration greater than 150 ug/L being 'shipped off site for proper disposal in accordance with unit price bid.' Please clarify which bid item is applicable to this scope.	See Addendum 3	Q-004066
29	Spec. section 334419-6 2.04 D calls for vinyl coated polyester screen. Will you accept viny coated fiberglass screen as an alternate?	No	Q-004065
30	Is there any way we can get additional information on the live loading? The current information in the specs call out a 240-kip axle load and 125-kip wheel load. Can we request the wheel C-C, the axle spacing, and the ground contact area for that 125-kip loading?	The specification is based on a Hyster H1150XD-CH6	Email
31	Please clarify under which Bid Item the bidder should include costs for disposal of vegetation debris (from clearing and grubbing activities).	See response to Question 27	Q-004088
32	Section 31 20 00 – Please quantify Unsatisfactory Soil Materials and clarify how work to process Unsatisfactory Soil will be measured and paid.	See response to Question 24	Q-004091
33	Please clarify survey responsibility. Which features require survey by PLS? Is survey required for volume calculation? Where (which bid item) should the Contractor use to account for survey costs in their proposal.	See response to Question 25	Q-004090
34	Can the import material for Bid Item 11 be measured and paid by the Ton?	See response to Question 26	Q-004089
35	Section 01 57 13 3.11.D discusses water with arsenic concentration greater than 150 ug/L being 'shipped off site for proper disposal in accordance with unit price bid.' Please clarify which bid item is applicable to this scope.	See response to Question 28	Q-004087
36	Sheet C1.10 Detail 1 'Permanent Containment Wall Protective Cap Where Submit to Traffic.' Please clarify which Bid Item should be used to include costs for the HMA, CSBC, Common Borrow and Geotextile.	See Bid Item #25. The two traffic crossings are included in this bid item.	Q-004086
37	Sheet C1.10 – Please clarify extents of Detail 2 'Permanent Containment Wall Protective Cap Where Not Submit to Traffic Load'.	See Addendum 4.	Q-004085
38	Sheet C1.10 – Please clarify extents of Detail 1 'Permanent Containment Wall Protective Cap Where Submit to Traffic'. Looking at Sheet C1.9 it is not clear where traffic will be routed.	See Addendum 4. Dimensions are provided in details/notes. Locations of the two crossings will be discussed in the field to allow ingress to and egress from inside the containment wall alignment. Locations will be discussed in the field to support contractor construction of final grade.	Q-004084
39	The containment wall is specified as a Self-Hardening Slurry (SHS). This generally involves complete removal or displacement of the soil and total replacement with slurry and engineered backfill. Would it be considered a viable alternative to implements an in-situ mixing technique where soil is mixed in-situ and the specified attapulgitite and slag would be mixed into the wall below grade?	No. The method of installation along with subsurface conditions displaces soils and provides a void for slurry.	Q-004083
40	Considering the answers provided in Questions and Responses #003, is Railroad Protective Insurance Required for this project?	The project is within fifty (50) feet of an active railroad. The Contractor will be required to obtain Railroad Protective Liability insurance in accordance with the Contract Documents.	Q-004082
41	Does Port of Tacoma send out notification of addendum? We are on the plan holders list but don't appear to be receiving notifications of anything. I happened to look today and saw Addendum #2.	Interested parties who register on the Planholders lists should automatically receive system notifications when any documents are posted on the website.	Q-004081

42	I wanted to submit a request for a material substitution. I am proposing allowing the bidding of a 40 mil liner low density polyethylene (If I can find the attachment area I will attach a spec sheet) along with the 30 mil PVC called for in the plans. The 40 mil LLDPE flexible like PVC but has better long term stability and resistance to soil burial. PVC leaches out plasticizers over time making it more brittle and nearly impossible to repair. LLDPE does not have those issues. Additionally, LLPDE is less expensive.	Contractors are instructed to complete and submit the Substitution Request Form, pages 00 26 00- 5 and 00 26 00- 6 of the Project Manual. Completed forms must be emailed to procurement@portoftacoma.com	Q-004079
43	Is there any way we can get additional information on the live loading? The current information in the specs call out a 240-kip axle load and 125-kip wheel load. Can we request the wheel C-C, the axle spacing, and the ground contact area for that 125-kip loading?	See response to Question 30	Q-004076
44	Would it be possible to do a 2nd job walk/meeting next week? We were not able to attend the 1st site walk, and I feel it is imperative in order to provide a solid bid.	A second site walk is not currently planned to be offered.	Email
45	In reference to the Arkema Interim Action Project, can you confirm that the contractor must carry a Technology Professional Liability / Errors & Omissions coverage with a \$2M limit?	No it is not needed., See Addenum 05	Email