

ANNOUNCEMENT #2 – FIRST SET OF QUESTIONS and ANSWERS

1. Please provide sign in sheet for mandatory pre-bid meeting
 - *See attached Attendance List*
2. Recommend splitting the dredging item into two phases as the pricing is different for each due to location and access, methodology of placement, movement of pipes/hoses, safety, liner protection of dewatering:
 - a. phase 1 pumping to OGS – N
 - b. phase 2 pumping to NGS – S and/or NGS – N
 - *We recognize the logistics between two phases, but the proposal must include both phases.*
3. Please confirm both polymer and geosynthetic containment devices (GCD) bids will be received prior to Dredging bid submittal. With both indicating the technical and operational specifications of each.

Test data/results for polymer and geotextile should be received by the Receiver at 5pm on 6/12/23. Submitted results will be reviewed and made available to dredger who plans on participating on the dredging operation only (Schedule A – Item A). Contractors that are provided this information will not qualify to submit bids for the entire project, i.e. including items, A, B and C from the bid document. For contractors who plan on bidding dredging operation only (included management of the polymer injection & Geotextile Tube operations), he/she will have the opportunity to review the information stated below prior to committing the contract price. Until factual information becomes available from the polymer and geotextile tubes becomes available, the dredging contractors may use the following assumptions as general preliminary guidelines:

- *Polymer:*
 - *Type: Emulsion should be planned for base case.*
 - *Storage tanks, mixing tanks, manifolds, metering and instrumentation to be provided by the dredger.*
 - *Polymer supply rate: adequate inventory will be maintained at all times, or an otherwise agreeable volume to meet production demand.*
 - *Geotextile Tubes:*
 - *As per question 3.b.v - Material needed to fill gaps between tubes will consist of sand tailings or sandy soil (Materials available onsite at existing stockpiles). The contractor is responsible for hauling the fill material from its location to the geotextile tube placement location.*
 - *Expected number of tubes needed: Dredger should plan on handling from 20,000 linear feet to over 70,000 linear feet of geotextile tubes at various tube lengths from 100ft to 300 ft with various circumferences (60 ft to 120 ft).*
 - *Other information (#s of ports per tube, port sizes, stacking height/dimensions, tube sizes/weight etc..) and final numbers of liner feet, and tube sizes will be made available to dredger (who plans on participating on dredging only) prior to committing contract prices.*
- a. Will need polymer report:
 - i. Type (dry or emulsion)
 - ii. Make down equipment requirements.
 - iii. Make down water source planned
 - iv. expected decant water NTUs

- v. Polymer dosing rates for 1% - 18% solids at GPM
 - vi. Total amount of polymer expected for project and expected delivery rates for 6 month and 12-month completion schedule
 - vii. Is dredger providing the storage area and containers for polymer (dry storage for powder or tanks for emulsion)
- b. Will need GCD specifications and methodologies:
- i. Selected material specifications
 - ii. # of ports, sizes, and weights for each GCD
 - iii. stacking plan for both phases and 3 locations
 - iv. Total amount of GCDs expected for project based on insitu + bulking factor of material (if any) and expected delivery rates for 6 month and 12 month completion schedule
 - v. material type selected and amount needed for gaps between filled GCD prior to placement of next GCD above
 - vi. expected fill and final dewatered height(s)
4. Does site have Specific Site Safety and Health Plan? If so, please provide
- *General safety PPEs (hardhat, safety shoes, reflector vests, speed limits, etc...) and timely (w/in 24 hours) notification and written investigations of safety incidents are the basic safety requirements. Health & Safety program from contractors takes presidencies as long as it exceeds the site's minimum requirements.*
5. Is site under MSHA Safety requirements?
- *The site is not under MSHA.*
6. Please confirm "stand by Rate" will be paid for delays caused by "work by other" as defined in bid documents. This includes but not limited to:
- *IF stand by time is required for construction of pads (at all locations) and partition dike/berm at Locations 2 or 3, that would be qualified as "requested by the Receiver".*
 - a. Internal berm construction NGS – S and/or NGS - N
 - b. Pad for Phase 2 GCDs
 - c. Pad for Phase 1 GCD
7. Confirm sediment with vegetation peninsula in Phase 1 on west side is included in scope of work. Vegetation will need to be removed prior to hydraulic dredging (by others?)
- *The Receiver has decided to remove the sediment delta from the scope of work (see insert below). Contractor should NOT include the sediment delta in the scope of work. See exhibit below.*
8. Please provide safe buffer distance to identified submerged structures.
- *The exclusion zone will be provided prior to the dredge operation. The dredger should plan on a **20 ft** buffer zone from the submerged structures.*
9. Please provide safe buffer distance to previous liner repair (to insure this work does not effect the repair)
- *Safe buffer zone is **20ft.***

Piney Point Gypsum Stack System

**REMOVAL & CONSOLIDATION OF MARINE SEDIMENTS
IN NGS-S COMPARTMENT**

Illustrations of Phases (I & II)

Note: All exhibits are for illustrations of concept & NOT to Scale

○ Approximate locations of submerged structures

○ Sediment delta

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