

SOLICITATION ADDENDUM

Date: **05/26/2020**
Subject: **Sludge Removal – Hollywood Acid Mine Drainage Treatment Plant**
Solicitation Number: **6100050551**
Due Date/Time: **June 2, 2020 – 2:30 P.M.**
Addendum Number: **1**

To All Suppliers:

The Commonwealth of Pennsylvania defines a solicitation “Addendum” as an addition to or amendment of the original terms, conditions, specifications, or instructions of a procurement solicitation (e.g., Invitation for Bids or Request for Proposals).

List any and all changes: *Questions and Answers*

1. **Change to Specification: Temporary sludge lines cannot be used to pump sludge to the borehole. The treatment plant’s sludge disposal pipeline shall be used. Connection can be made to the pipeline in a manhole located within 300 feet of the sludge lagoon.**

2. **Change to Specification: The contractor shall be required to complete the service within sixty (60) days.**

3. **Question: Would it be acceptable to stockpile the sludge in geotubes filter bags?**

Answer: Stockpiling the sludge in the designated areas in geotubes will be allowed.

4. **Question: Would it be acceptable to allow a one (1) foot depth of sludge to remain in back-up sludge lagoon to avoid getting into rocks and other debris?**

Answer: A one (1) foot depth of sludge is permitted to remain in the back-up sludge lagoon.

5. **Question: Is it permissible for machinery or equipment to enter the back-up sludge lagoon?**

Answer: Contractors are permitted to enter the back-up sludge lagoon with machinery or equipment.

6. **Question: Is the Contractor responsible for installing erosion and sedimentation controls for the stockpile areas?**

Answer: Containment or needed Erosion and Sedimentation controls for the stockpile areas will be the responsibility of the Department and not the Contractor.

- 7. Question: The access to the southern stockpile area will need widened, is the contractor responsible for widening this access?**

Answer: The Department will extend the pipe and widen the access to the stockpile area to allow for trucks and equipment.

- 8. Question: Does the sludge need to be dewatered to a certain dryness?**

Answer: If the method of removal is just to stockpile the sludge, the sludge will need to be dry enough to haul without leaking out of a dump truck. Sludge not of that consistency will need dewatered unless being pumped and stockpiled in geotubes.

- 9. Question: Is the payment based on cubic yards or gallons?**

Answer: The payment will be per Job regardless of the method the sludge is removed.

- 10. Question: What is the depth of the back-up sludge lagoon?**

Answer: The back-up sludge lagoon is twelve (12) feet in depth. Please see the Attachment B – Exhibit 3 included with this Addendum.

- 11. Question: What is the anticipated start date?**

Answer: The anticipated start date would be within two (2) months of the contract execution.

- 12. Is a liner required to be placed in the stockpile area prior to stockpiling sludge?**

Answer: A liner is not required.

- 13. Is the contractor responsible to construct and maintain a roadway for access to the stockpile area?**

Answer: An existing access roadway exists into the stockpile area. Any additional needed work for maintaining or extending access is the responsibility of the contractor.

- 14. In the event a truck gets stuck in the stockpile area, is it the contractor's responsibility to get the truck out or is treatment plant staff available to get the truck out?**

Answer: It will be the contractor's responsibility, however, if treatment plant staff are present and available, they could be able to help.

- 15. What is the maximum pressure for pumping to the borehole?**

Answer: The typical pressure when the plant disposes sludge is between 100 to 150 psi.

16. Are there any limits on the hours of operation?

Answer: No, there are no limits on the contractor's hours of operation. If the contractor works beyond the hours the treatment plant is staffed, the contractor will be responsible for locking the treatment plant gates.

17. Are there any backflow preventers in the sludge pipeline at the point of attachment or beyond the point of attachment?

Answer: Backflow can be prevented at the point of attachment but not beyond the point of attachment.

18. How many gallons per minute and what percent solids can the sludge borehole handle?

Answer: The plant sludge disposal pumps typically pump between 90 – 120 gallons per minute. The percent solids are typically between 2% and 3.5%.

19. How will the plant dispose of sludge from the clarifier during this back-up lagoon sludge removal project?

Answer: If the contractor is pumping the sludge to the borehole, the plant will dispose of sludge into the other back-up sludge pond, which is prior to the point of connection of the contractor's line.

20. Should the trees and saplings encroaching on the edges of the lagoon be removed by the contractor?

Answer: If the trees and saplings are needed to be removed to remove the sludge from the lagoon, it will be the responsibility of the contractor. The trees and saplings shall not be mixed and stockpiled with the sludge.

21. Are there options for another bore hole in the event a plug occurs in the borehole? Has this borehole ever had problems with plugging?

Answer: There is another borehole further up at the end of the borehole pipeline. We have not had problems with the pipeline or either borehole plugging.

22. Is this an OSHA or an MSHA governed facility?

Answer: The Hollywood Treatment plant is not a MSHA governed facility but is subject to OSHA standards, rules and regulations.

23. Who is responsible if the existing plant sludge disposal pipeline would fail?

Answer: The contractor will be responsible to repair the existing sludge disposal pipeline if it should fail.

24. Is there a 100 AMP 480V 3-Phase source of power located at the pond that we could use to power our pump?

Answer: Yes, a 100 AMP 480V 3-Phase power source is available at the polishing pond.

25. Will the Department require a COVID-19 Safety Plan with recommendations/precautions that meet the requirements of the PA Department of Health?

Answer: The contractor shall comply with the recommended COVID-19 guidelines of the CDC and the PA Department of Health with regard to the Phase Clearfield County falls under at the time the work is being completed.

26. Will the work be completed as a Prevailing Wage Project? If so, please provide the Wage Determination?

Answer: Prevailing wage rates are not required for this service contract.

27. Does the department have as-built topography of the proposed staging areas?

Answer: The topography of the stockpile areas is provided in Attachment B – Exhibit 3.

28. If water is encountered during removal activities (either existing at the bottom of the lagoon, surface water, groundwater, or rainwater), can the water be pumped to the adjoining impoundment?

Answer: If surface water, groundwater or rainwater is encountered, it can be pumped to the adjacent lagoon, however, no sludge shall be pumped to the adjacent lagoon.

29. If not contained in geotextile tubes, once the material has been removed for the lagoon and placed into stockpile/staging area will it require to be covered? If so, please specify the millage and material makeup? (i.e. HDPE, PVC, Vinyl).

Answer: The stockpiled material will not be required to be covered.

30. How will the final volume of sludge removed from the backup lagoon be determined? Will the Department accept an-is pre-construction survey and a post removal survey conducted by the contractor to determine final volume and payment?

Answer: The payment will be per Job. An estimate of the amount of sludge hauled in cubic yards or pumped in gallons was requested for back-up and informational purposes. A survey is not required but would be acceptable.

31. Is a performance bond required for this project?

Answer: No, a performance bond is not required.

32. Is the lagoon dry or is there water in it? How many feet of water can we add to pump the material out?

Answer: The lagoon is dry, as much water as needed can be pumped from the polishing pond to make the sludge thin enough to pump.

33. Can you provide the type and characteristics of the sludge?

Answer: The sludge is an iron precipitate with lime added from the treatment process.

34. Can you detail the size and type of pipe that we will have to utilize for pumping the material to the borehole?

Answer: The pipe is a 3" HDPE SDR-7 pipe as shown on Attachment B – Exhibit 2.

Type of Solicitation: Electronic Bid (SRM) - Review the Questions section of your solicitation response to ensure you have responded, as required, to any questions relevant to solicitation addenda issued subsequent to the initial advertisement of the solicitation opportunity.

Except as clarified and amended by this Addendum, the terms, conditions, specifications, and instructions of the solicitation and any previous solicitation addenda, remain as originally written.

Respectfully,

Name: Tammy Cree
Title: Administrative Officer
Phone: 814.931.8532
Email: tcree@pa.gov