Addendum #1 – RFP Mason Farm WWTP Digester #3 Steel Cap Coating and Repair.

Date: 11/15/2022

Questions Received

1) Are you changing bid quantity of pit repair from ounces to gallons and if so how many do you anticipate?

   See attached modified bid form. The pit repair compound will be bid on a per kit basis (~ 2 gallons per kit).

2) After pressure washing will we be able to pump water from attic to drain as long as we capture any debris?

   Water from cleaning and pressure washing may be returned to the head of the plant. Efforts should be made to collect large debris. No blasting media may be discharged at the plant.

3) Were you looking to breakout attic from bottom of lid?

   See revised bid sheet. The coating in the attic line item will apply to all steel repairs and top of cap coating under the roof but on the top of and above the steel cap in the attic. The contractor shall clean and inspect all areas identified as possibly compromised and propose a coatings extent. Mechanical tooling shall be permitted and coating shall be feathered into existing coating. OWASA is aware that the existing coating will not be fully removed on the top cap and in the attic and this may void the warranty inside the attic space.

4) Do you still intend on bid opening Friday and will there be any addenda?

   Bid will still be this Friday. Pending any additional significant changes.

5) The specifications calls for 100% solids high temperature novolac epoxy to be applied at the interior of the tank and the inspection report calls for a moisture-tolerant, fast setting, 100 percent solids amine cured epoxy liner to applied at the interior of the tank. Please specify which coating system is to be applied.

   The specifications are correct calling for the novolac epoxy. All environmental controls to reach specified coating conditions shall be the responsibility of the contractor.

6) Please specify the type of existing coatings present in the attic and interior tank.

   OWASA does not have any documentation on the type of existing coating on the cap.

7) Is it expected that there will be any hazardous materials encountered during the contract document specified scope of work?

   OWASA will ensure that there are no hazardous materials entering the digester. If Hazardous materials are encountered during the execution of the work requiring special handling and

disposal costs, the contractor will be compensated via change order or through allocation of costs to the contract allowance.

8) Will there be any lead abatement requirements?

   OWASA has no information on the state of potential lead coatings in the digester. The contractor should test the coatings on the cap and within the attic and if it is determined that the coatings contain lead, the contractor will be compensated via change order or through allocation of costs to the contract allowance for lead remediation efforts.

9) Is there any work to be completed on the exterior of the tank? If there is, please specify type and quantity of work to be completed.

   The contractor shall coat the steel risers and any "internal surfaces. The exposed steel on top of the tank shall not be coated under this agreement or the contractor will be compensated via change order or through allocation of costs to the contract allowance for any work on top of the structure.

10) Where is the closest sources of potable water to digester number 3?

    Non Potable Water is available through a hydrant at the bottom of the digester structure. Potable water is not readily available in this part of the plant. Potable water for drinking and general usage can be made available in the Administration Building. The contractor shall be responsible for providing their own sanitation facilities and portable toilets.

11) Please provide roofing details of the existing built-up roof in the instance that any replacement or repairs of the existing roof system are required.

    No roofing details are available. The roof is a built up membrane roof believed to be TPO. The rigid foam isolation below is believed to be polyisocyante rigid board. The roof is built on top of a solid metal deck and supported by the trusses below the roof.

Additional information.

Basis of square footage:

The bid quantity square footage was calculated based on estimated areas assuming the digester was essentially a cone and the areas of the various appurtenances were essentially cylinders. Approximately 30% additional square footage was added as contingency.

Schedule Requirements:

The contractor shall provide a schedule to complete the work in their proposal. However all work shall be complete by April 28, 2023.

ATTACHMENT B

BID SHEET

For

Digester 3 Cover Coating and Rehabilitation for Mason Farm Wastewater Treatment Plant

October 20, 2022

OWNER: ORANGE WATER AND SEWER AUTHORITY

Item	Description	Unit	Quantity[1]	Unit Cost	Dollar Price
1.	Mobilization/Demobilization	LS	1		
2.	Abrasive Blasting and Surface Preparation[1]	SF	5000		
3.	Coating and Repair of Exposed Steel cap and appurtenances within digester[1]	SF	4000		
4.	Coating and Repair of Steel cap and trusses within attic[2]	SF	1000		
5.	Pit repair – per ounce of installed material	Per ~ 2 gallon kit	5		
6.	Repair plate welds - (6”x6” minimum) – to include all surface prep, welding, materials. Assumed no more than 12”x12” size repairs	SF	40		
7	Allowance for additional services (perform minor repairs, exterior coating, roof repairs, etc.)	Allowance	1	$25,000	$25,000
				Total Bid:	

	Contractor attach unit prices for inclusion in the contract including staff day rates, typical equipment day rates and OH&P rate	Daily Unit Price	Attach proposed sheet	84 calendar days	

Notes:

1. Quantities are for all surfaces including pipes, cover, support members etc. irrespective of surface geometry.
2. Attic access shall be through the existing manway. Removal and replacement of membrane roof and metal roof decking for improved access shall be permitted at the contractor's risk and expense.
3. All entries must be completed.
4. All entries to include dollars and cents.
5. Contractor responsible to carry out and total.
6. No zero items will be accepted.
7. LS = Lump Sum