



**Purchasing Services**  
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**CITY OF WACO**

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Date: **11/27/2018**  
 RFB No: **2018-059**  
 Commodity: **WMARSS Lagoon #2 Cleaning**  
 Purchasing Agent: **Mr. Tim Cubos**

**Closing Time: 2:00 P.M. CST, Friday, November 30, 2018**  
**Opening Time: 2:01 P.M. CST, Friday, November 30, 2018**

RFB Opening Location: Operations Center, Purchasing Services Office, 1415 N. 4<sup>th</sup> St.,  
 Waco, TX 76707

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**Addendum No: 6**

The above-mentioned RFB invitation has been changed in the following manner. **Sign and return addendum to the Purchasing Office by the closing time and date with your RFB response.** Returning this page signed by your authorized agent will serve to acknowledge this change. All other requirements of the invitation remain unchanged. If you have any questions, please call or stop by the Purchasing Office at the above address.

- 1. The following is a revised bid sheet that is to be used for this RFB. Please do not use the earlier bid sheet. Failure to use the revised bid sheet will disqualify the bid.**
- 2. The following pages has answers to questions raised, and clarifications & amendments to the specifications. Please read, review and note the changes. Some of the answers have been revised from the previous version.**

Firm: \_\_\_\_\_

Address \_\_\_\_\_

Signature of Person  
 Authorized to Sign Bid: \_\_\_\_\_

Signor's Name and Title  
 (print or type): \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Date: \_\_\_\_\_ Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

***Addendum No: 6***  
**CITY OF WACO**  
**OFFICIAL BID SHEET**  
**BID INVITATION NO: RFB 2018-059**  
**WMARSS Lagoon #2 Cleaning**

DATE: \_\_\_\_\_

BIDDER: \_\_\_\_\_

AUTHORIZED  
SIGNATURE: \_\_\_\_\_

- I. Refer to "Standard Instructions for all Bids" before completing Bid Sheet.
  - a. Price: quote your best price, F.O.B. Destination, on each item.
- II. In submitting this bid, I certify:
  - a. Items bid are in exact accordance with specifications, unless noted in bid.
  - b. That prices in this bid have been arrived at independently, without consultation or agreement with any competitor for the purpose of restricting competition.

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<b>PRICING INFORMATION</b>				
NOTE: Depending on unit prices, requirements and approved budgeted funds, quantities may be reduced or increased during the contract period.				
Item No.	Description	Amount of Bio-solids in Dry Tons (A)	Price Per Dry Ton (B)	Total Price (A) x (B) = (C)
1.0	Remove bio-solids (at noted elevation levels) from the WMARSS Sludge Lagoon #2 and distribute the bio-solids to agricultural fields			
1.1	Bio-solids removal and distribution to agricultural fields	<b>70,000</b>		
<b>2.0</b>	<b>Total Overall Price</b>			\$ _____

**Early Payment Terms:**

- a) Bidder may offer an early payment discount by filling in the blanks in section b below. City may accept an early payment discount, but in doing so, City does not waive any of its rights under Texas Government Code Section 2251 (Prompt Payment Act).
- b) Payment is due thirty (30) DAYS after acceptance of order and receipt of an original invoice, but a \_\_\_\_\_ percent early payment discount is offered for full payment made within \_\_\_\_\_( ) DAYS after acceptance of order and receipt of an original invoice.

**COMPLETED FORM MUST BE RETURNED WITH BID**

**CITY OF WACO**  
**OFFICIAL BID SHEET**  
**BID INVITATION NO: RFB 2018-059**  
**WMARSS Lagoon #2 Cleaning**

**Questions and Answers from the pre-bid meeting and thereafter:**

1. **When was the last time that the lagoon was cleaned?** -It is not known when the lagoon was last cleaned.
2. **When can the winning bidder start?** -After the PO Number is issued. This generally is 6 -8 weeks after the bid opening.
3. **How far away does the bio-solids have to be delivered for land application?** - Not very far, depending on where the property is located. In the last project one of the properties used was adjacent to the sewer plant. However, nothing has been set with the locations for this project. Property owners from the last project have not been contacted by the City. It is the contractor's responsibility to make contact with local property owners to find out if they are willing to participate in this project. The contractor is to perform any soil testing needed.
4. **Is there a phosphorous limit for land application of the bio-solids?** -150 ppm
5. **Can the bio-solids be applied in liquid form or cake form?** -The City prefers removing the bio-solids in cake form.
6. **Is there unexpected debris in the lagoon?** -No, only the vegetation and pellets. Both of which are to be removed as a part of this project.
7. **Does the lagoon have a flow gauge/meter?** -No
8. **Can typical construction equipment be used in the lagoon to remove bio-solids?** -Yes. The contractor is still responsible for keeping the lagoon clay liner undamaged.
9. **Will the City be providing analytical data on the bio-solids?** -No. Existing analytical data will be made available to the winning bidder.
10. **What is the current phosphorous level of the landowners' fields who have interest in receiving the bio-solids?** -We do not have this information. The contractor is responsible for finding willing property owners and making this determination.

11. **Can the landowner's fields accept the bio-solids?** –This will be determined by the soil analysis to be performed.
12. **If the current sites cannot accept the bio-solids, are there others available?** - There should be landowners who would accept the bio-solids, but the City has not been in contact with any.
13. **What is the current phosphorous levels of the bio-solids in Lagoon #2?** – Unknown.
14. **Are the required WMARSS trip tickets in addition to or instead of the TCEQ transportation manifests?** -The WMARSS trip tickets are in addition to the TCEQ manifests. However, the City is willing to make adjustments if possible to eliminate the need for the trip tickets if the TCEQ manifests can be modified to include the info the City needs.
15. **Can a ramp be constructed in the lagoon to facilitate bio-solids removal?** –Yes. However, the contractor is responsible for keeping the lagoon liner undamaged. Repairs will be at the contractor's expense.
16. **Can the unit pricing for the bid be changed to price per ton?** -See the revised bid sheet
17. **What is the estimated quantity of the pellets on the lagoon #2?** –Unknown. However it is Class 'A' pellets.
18. **What is the average distance to the available land application sites?** –Unknown. However, the distance to the sites used in the last project was under 5 miles.
19. **To what degree is the contractor responsible for maintaining the roadways and berms of the lagoon?** -100 % responsible.
20. **When will the Notice to Proceed be given to the winning bidder?** -After the PO Number is issued. This generally is 6 -8 weeks after the bid opening.
21. **What limitations exists for daily hours worked?** –Generally work hours are 7:30 am to 5 pm, Monday thru Friday. However, extended work hours can be arranged if mutually agreeable.
22. **What percent solids is the bio-solids in Lagoon #2?** -50-to 60% solids.

- 23. How are the pathogen and vector requirements met at the sewer plant?** –These requirements are met with time and regular plant operations. This lagoon, has not been used for several years.
- 24. What are the TCLP analysis results for the sewer treatment plant?** – Unavailable at present. Existing analytical data will be made available to the winning bidder.
- 25. What is the adverse weather plan (part to the annual report)?** -We are unfamiliar with this. We do not believe this is a part of our annual report.
- 26. For the previous project, did the contractor stockpile the bio-solids before land application?** -No. Stockpiling will not be allowed for this project.
- 27. Can the bio-solids be taken to a landfill instead of land applied?** -No, it must be land applied.
- 28. Is this a federally funded project?** -No.
- 29. Is a bid bond required for this project?** -Yes
- 30. Can a copy of the WMARSS sewer plant annual report be provided, specifically the information regarding the amount of bio-solids that was land applied?** –17.5 Million gallons of bio-solids/water mix was land applied when Lagoon #3 was cleaned out.
- 31. How many tons of bio-solids was land applied in the previous project, and what soil analyses were used to confirm the phosphorus application did not exceed 150 ppm in the soil?** –In the previous project the bio-solids were removed as a sludge and tonnage amounts were not applicable. We do not know what analysis was used to confirm 150 ppm was not exceeded in the soil.
- 32. How will the contractor add water and mix the bio-solids to provide the landowners a consistent fertilizer mixture?** –The bio-solids can be made into a sludge by adding water that is supplied by the fire nozzle located at the lagoon.
- 33. Would the City be willing to change the bid to per dry ton measure instead of gallons lump sum?** –See the revised bid sheet.
- 34. Is the project going to be paid as a lump sum contract or unit price contract?** – See the revised bid sheet.
- 35. Will we be able to get info about the landowners prior to the bid being awarded?** –Sorry but no. We do not have this information at this time. However, for

the last project we estimate the distance traveled for land application was under 5 miles.

- 36. How will dry tons be tested/measured for payment (scale, percent solids testing and calculation on gallons) or other means?**-The WMARSS truck scales and lab analysis will be used to calculate the average daily solids removal.
- 37. This time frame would put operation at or near planting season, would the city consider a revised schedule to allow bio-solids application to the crop ground?**-  
No. Not at this time
- 38. How was the 10,500 dry tons calculated? Was it by insitu % solids sampling multiplied by volumetric calculations?** -The 10,500 dry tons is in error. The newly attached bid sheet has the corrected tonnage.
- 39. If you are planning to be billed based on a dry ton basis how will this be calculated? Is it the intent to sample each load for % solids then calculated against the wet ton of each load?** -The dry tons of bio-solids will be calculated by taking samples from each truckload, combining them, then weighing the composite dried sample to calculate the dry tons of bio-solids removed.
- 40. Does the City have a scale onsite to weigh each load of materials or will the contractor be required to bring a portable scale?** -The City has a truck scale and a lab on site to be used for the dry ton calculations.
- 41. Who would do the % solids sampling for the dry ton calculation? (third party lab or in-house)** -The in house lab would be performing the percent solids calculations.
- 42. What is your total calculated wet tons in the pond?** - There are 30,000,000 gallons of bio-solids in the pond, with 50% to 60% solids. Please make your own calculations.