

ADDENDUM NO. 2

DATE: June 6, 2022

To

**BID, CONTRACT, BONDS AND SPECIFICATIONS
FOR CONSTRUCTING
WTP SLUDGE LAGOON DREDGING
FOR
CITY OF CARTERSVILLE, GEORGIA**

Bids received until 2:00 PM, Local Time, June 9, 2022

ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY INSERTING ITS NUMBER IN THE BID FORM; FAILURE TO DO SO MAY SUBJECT BONA FIDE BIDDER TO DISQUALIFICATION. THIS ADDENDUM FORMS A PART OF THE PROJECT DOCUMENTS; IT MODIFIES THEM AS FOLLOWS:

SPECIFICATIONS

Section 00 41 13 – BID FORM Part I - Section I, Item 3 Page 2 of 6	Replace the BID FORM with the copy attached to this addendum. The only BID FORM was changed by Addendum No.1. The changes made by Addendum No.1 & 2 are shown in italicized text.
Section 35 24 00 – DREDGING Paragraph 1.4.A.2	Change the language of this paragraph from “After the completion dredging, the Contractor shall furnish the Owner and Engineer with an electronic copy of the pre-dredge survey” to the following <i>“After the completion dredging, the Contractor shall furnish the Owner and Engineer with an electronic copy of both the pre-dredg and post-dredge surveys”</i>

QUESTIONS

Attached are the list of questions received from Contractors and vendors along with the Engineer's responses to each question. Please forward all questions via email to Ahmed Annaim at aaa@wiedeman.com.

DOCUMENT 00 41 13

BID FORM

TO: CITY OF CARTERSVILLE, GEORGIA

FROM: _____
Bidder's Name

FOR: WTP SLUDGE LAGOON DREDGING

Date Submitted: _____

I. BID FORM AND BID SCHEDULE

- A. The undersigned, as Bidder, hereby declares that the only person or persons interested in the Bid as principal or principals is or are named herein and that no other person than herein mentioned has any interest in this Bid Form or in the Contract to be entered into; that this Bid Form is made without connection with any other person, company or parties making a bid or proposal; and that it is in all respects fair and in good faith without collusion or fraud.
- B. The undersigned Bidder, in compliance with your Invitation to Bid for the construction of this Project having examined the Contract Documents and the site of proposed Work and being familiar with all of the conditions surrounding the construction of the proposed Project, including the availability of materials and labor hereby proposes to construct the Project in accordance with the Contract Documents.
- C. The Bidder proposes and agrees, if this Bid is accepted, to contract with the City of Cartersville, Georgia in the form of Contract Agreement specified, to furnish all necessary products, machinery, tools, apparatus, means of transportation and labor necessary to complete the construction of the Work in full and complete accordance with the reasonably intended requirements of the Contract Documents to the full and entire satisfaction of the City of Cartersville, Georgia with a definite understanding that no money will be allowed for extra work except as set forth in the Contract Documents, for the following prices:

Section I – For furnishing all materials and equipment and performing all labor necessary for the completion of the following items of work as specified herein.

Item No	Approx. Quantity	Unit	Description	Unit Price	Total Price
1.	1	LS	<u>Mobilization</u> (See Specs Section 035 24 00)	\$	\$
2.	1	LS	<u>Staging and Dewatering Area</u> (See Specs Section 035 24 00)	\$	\$
3.	15,000	WET TON	<u>Dredging, Dewatering, Trucking, & Disposal</u> (See Specs Section 035 24 00)	\$	\$
4.	1	LS	<u>Demobilization</u> (See Specs Section 035 24 00)	\$	\$

Sub-total, Section I, Items 1 – 4 inclusive, in the amount of:

DOLLARS (\$)

Section II – Erosion Control: For furnishing all materials and equipment under this section and performing all labor necessary for construction, and all other work and appurtenances necessary for completion of work under this contract as shown on the Drawings and/or specified for the following prices:

Item No	Approx. Quantity	Unit	Description	Unit Price	Total Price
1.	2,000	LF	Silt Fence (Sd1-S)	\$	\$
2.	20	LF	Ditch Checks (Cd)	\$	\$
3.	1.5	Acres	Temporary Grassing	\$	\$
4.	1.5	Acres	Permanent Grassing	\$	\$
5.	1	Ea.	Construction Exit (Co)	\$	\$

Sub-Total, Section II, Items 1 - 5, the amount of:

DOLLARS (\$)

Section III– Cash Allowances: This section is for Cash Allowances as detailed on the drawings and as specified (see Section 01 21 13 – Cash Allowances).

Item No.	Description	Base Bid Price
1.	Solids Testing: to cover Owner verification of the dewatered material percent solids and quantity of net solid material removed.	\$ 50,000.00
2.	Construction Surveying: to cover Owner verification and layout of proposed staging area, and site plans for erosion control and final record drawings.	\$ 25,000.00
3.	Erosion Control Plan: Allow for the Engineer and Owner to prepare an erosion control plan based on the site staging area site plan and all costs associated with obtaining LDA permit.	\$ 50,000.00
4.	Owner Contingency: Allow for Owner authorized changes in the scope of the work.	\$ 75,000.00
Sub-total, Section III, Items 1 - 4, the amount of:		
TWO HUNDRED THOUSAND DOLLARS		\$ 200,000.00

TOTAL BASE BID, SECTIONS I, II, and III inclusive, the amount of:

DOLLARS (\$)

III. EXPERIENCE, REFERENCES AND SUPERVISORY PERSONNEL

The Bidder shall here state what work he has done of similar nature to that bid for and give references that afford the Owner the opportunity to judge as to experience, skill, business standing and financial ability.

- A. Project Name and Owner: _____
Project Contact (Name and Phone Number): _____
Project Description: _____

- B. Project Name and Owner: _____
Project Contact (Name and Phone Number): _____
Project Description: _____

- C. Project Name and Owner: _____
Project Contact (Name and Phone Number): _____
Project Description: _____

The following is a list of supervisory personnel who, it is anticipated, will be required on this project.

- A. Project Manager: _____
Years of Employment: _____
Previous Work Experience: _____

- B. Site Superintendent: _____
Years of Employment: _____
Previous Work Experience: _____

- C. Other: _____
Years of Employment: _____
Previous Work Experience: _____

IV. TERMS OF BID

- A. The Bidder further proposes and agrees hereby to commence work under this contract, with adequate force and equipment, on a date to be specified (Notice to Proceed) in a written order of the Engineer and shall fully complete all work hereunder within 365 calendar days from the Notice to Proceed date. The Bidder further acknowledges that the 30-day operating test period, as defined in Article 34 of Section 00 72 14 General Conditions of the Specifications, shall be completed within the Contract Time.
- B. Bidder further agrees to pay as liquidated damages, the sum of \$500.00 for each consecutive calendar day thereafter required to complete all work as heretofore provided in the Instructions to Bidders.
- C. The Bidder declares an understanding that the quantities shown for unit price items are subject to either increase or decrease, and that should the quantities of any of the items of Work be increased, the Bidder proposes to do the additional Work at the unit prices stated herein; and should the quantities be decreased, the Bidder also under that payment will be made on the basis of actual quantities at the unit price bid and will make no claim for additional costs or anticipated profits for any decrease in quantities; and that actual quantities will be determined upon completion of Work, at which time adjustment will be made to the Contract amount by direct increase or decrease.
- D. In case of discrepancies between the figures shown in the unit prices and the totals, the unit prices shall apply and the totals shall be corrected to agree with the unit prices. In case of discrepancies between written amounts and figures, written amounts shall take precedence over figures and the sum of all Bid extensions (of unit prices) plus lump sum items shall take precedence over BID TOTAL.
- E. The Bidder furthermore agrees that, in the case of a failure to execute the Contract Agreement and Bonds within ten days after receipt of conformed Contract Documents for execution, the attached Bid Bond accompany this Bid and the monies payable thereon shall be paid into the funds of the Owner as liquidated damages for such failure.
- F. Attached hereto is a Bid Bond for the sum of Ten Percent (10%) of the Amount Bid according to the conditions of "Instruction to Bidders" and provisions thereof.

V. ADDENDA

- A. Bidder acknowledges receipt of the Following Addenda:

BIDDER ACKNOWLEDGES RECEIPT OF THE FOLLOWING ADDENDA.

Addendum No. _____ Date: _____

Addendum No. _____ Date: _____

Addendum No. _____ Date: _____

Addendum No. _____ Date: _____

VI. SIGNATURES

BIDDER – PRINCIPAL: _____

By: _____

Name: _____
(Please Print)

Address: _____

Phone: _____

ATTEST: _____

Name: _____
(Please Print)

Title: _____
(SEAL)

Note: Attest for a corporation must be by the corporate secretary; for a partnership by another partner; for an individual by a notary.

Note: If the bidder is a corporation, the bid shall be signed by an officer of the corporation; if a partnership, it shall be signed by a partner; if signed by others, authority for the signature shall be attached.

END OF SECTION

QUESTIONS FROM BIDDERS
WTP SLUDGE LAGOON DREDGING
FOR
CITY OF CARTERSVILLE, GEORGIA

W&S Project No. 027-21-121

Bid Date: THURSDAY, JUNE 9, 2022 @ 2:00 PM

Updated: 6/6/2022

Question #	Question	Answer
1	What is the Engineer's cost estimate for the project	\$ 3,500,000 Dollars
2	Will there be a pre-bid conference?	No, there will not be a pre-bid conference.
3	Who do I contact to schedule a site visit?	Please coordinate and schedule all site visits with the Daniel Duke @ dduke@cityofcartersville.org or 404-821-6637
4	Can the requirement for a Ga GC License be removed as no sludge companies have this as the requirements in Georgia are very strict?	This will be clarified via Addendum No.1. If the primary General Contractor doesn't have a GA GC Utility license, then they must have a sub-contractor with a GA GC Utility License.
5	Is the total units to dredge/dewater in "dry tons" or "wet tons"?	This will be clarified via Addendum No.1.
6	Since the remove is by the ton unit, why is there a need for a pre and post survey? The created volume space will be based on the 40,000 tons removed.	This will be clarified via Addendum No.1. The pre-dredging and post-dredging Bathymetric Surveys are still required. The information is required for the project records.
7	Is the City providing power and water services for the dewatering equipment? If so, please state the available amp's and water service.	This will be clarified via Addendum No.1. Power supply will need to be coordinated with GA Power. At the existing road (Allatoona Dam Road) next to the proposed dewatering staging area, there is an existing overhead transformer bank with 120/240-V 400 amp service. The voltage can be changed to 120/208-V or the existing transformer can be replaced get a 277/480-V service. The City will provide a 2" potable water supply with a limit of 50 gpm @ 80-psi and 6" raw water supply with a limit of 600-gpm. The raw water supply source is surface water from the existing intake at Lake Allatoona.
8	Section 004113 Bid Form, Section I, Item 3; Is this 40,000 "wet tons" also known as "disposed tons", "dewatered tons", "belt press tons", etc. or 40,000 "dry tons" which is tons removed after removing all the weight of the moisture or 100% solids?	This will be clarified via Addendum No.1.
9	May we have a copy of the NPDES Permit No. GAR 100002?	Please see the Georgia Soil and Water Conservation Commission website at (https://gaswcc.georgia.gov)
10	May we have a copy of a recent alum sludge analysis?	The Owner and Engineer did not conduct a recent alum sludge analysis.
11	The drawing Typical Base Detail states that temporary support base slab will be removed at the conclusion of the project. Is this required or necessary?	For bidding purposes, the contractor shall assume all temporary structures are to be removed. On a case by case basis, the Owner may allow some concrete structures to remain (e.g. cast-in-place containment curbs, buried precast sump structures, or other elements that could be reused in future dredging and dewatering operations by the Owner or other dredging contractors).
12	Section 013300 Submittal Procedures, Paragraph 1.2.E: This is not a common requirement for this type of project, can it be removed?	No.
13	Section 013300 Submittal Procedures, Paragraph 1.2.I to 1.2.M: These are not common requirements for this type of project, can they be removed?	No.
14	Section 013300 Submittal Procedures, Paragraph 1.2.P to 1.2.Q: These are not common requirements for this type of project, can they be removed?	No.
15	Section 013300 Submittal Procedures, Paragraph 1.3 to 1.8: These are not common requirements for this type of project, can they be removed?	No.
16	Section 004113 Bid Form, Section II, Item 2: Ditch Checks; What are the specifications of these ditch checks? Where will these be going?	Ditch Checks are the Stone Check Dams specified under Specs Section 312500.2.1.B. They may or may not be required depending on the dewatering area site plan, erosion control plan, and LDA permit requirements. This will be clarified via Addendum No.1
17	Section 004113 Bid Form, Section II, Item 5: Construction Exit; Is the construction exit the same as a Stabilized Stone Construction Entrance?	Yes. See Specifications Section 312500.2.2.
18	Do we include pre-dredge bathometric studies in our Mobilization pricing? There is a separate line item for bathometric studies in the bid form.	See Specs Section 0352400.1.6 Measurement and Payment. The cost for the pre-dredge bathymetric survey should be included in the mobilization unit price. The cost for the post-dredge bathymetric survey should be included in the demobilization unit price.
19	Do you have any drawings of the land to be used for the laydown area?	The only drawings of the dewatering area site that is currently available can be found from Bartow County public records available at https://www.qpublic.net/ga/bartow/search.html . A site survey will be conducted by a licensed surveyor after the contract is awarded, and the contractor's proposed site plan is reviewed and accepted.
20	Can the bid date be postponed allowing for the most competitive disposal pricing possible?	No. The bid opening will remain set for Thursday June 9, 2022 @ 2:00 PM.
21	Multiple presses will be needed to meet the rate required to dry 40,000 tons of material, what is the anticipated NTP date, and can it be pushed to coincide with dewatering equipment procurement/staging?	The Owner would like to issue a Notice-to-Proceed (NTP) as soon as possible after the Contracts are signed, but is willing to negotiate an NTP date that is satisfactory to all Owner and Contractor.
22	We are in unprecedented economic times and are experiencing daily escalations. Due to the volatility of these materials and the duration of this project, we respectfully request that you allow all Contractors to index fuel and polymer to account for inevitable escalations for those items. Otherwise, we will have to make assumptions for escalations which would be financially harmful to the Owner.	The Contract will not be modified to include an indexing modification for fuel, polymer, or any other costs.
23	We feel that the time allotted for this contract is not feasible. We recommend 365 calendar days if the intent is to remove 40,000 dry tons. There are many factors that could impact the schedule. Mainly weather and the ability of the landfills or others to take such large amounts in the time allotted.	The contract time can will be changed to 365 days via Addendum No.1.
24	Please confirm if the 40,000 tons on the bid form is for dry tons or wet tons. Our math based on samples taken do not align with 40,000 dry tons of material to be removed from the area outlined on the drawing.	This will be clarified via Addendum No.1.

QUESTIONS FROM BIDDERS
WTP SLUDGE LAGOON DREDGING
FOR
CITY OF CARTERSVILLE, GEORGIA

W&S Project No. 027-21-121

Bid Date: THURSDAY, JUNE 9, 2022 @ 2:00 PM

Updated: 6/6/2022

Question #	Question	Answer
25	Please advise maximum gal/min availability for water supply and confirm if the water will be metered and paid for by Owner	The City will provide a 2" potable water supply with a limit of 50 gpm @ 80-psi and 6" raw water supply with a limit of 600-gpm. The raw water supply source is surface water from the existing intake at Lake Allatoona. Both water supplies will be metered and paid for by the Owner.
26	Please advise maximum pressure for water supply	The pressure on the potable water supply can vary between 80 to 90 psi. The pressure on the raw water supply will vary with the level of the lake, but should be a minimum of 30-psi.
27	Please advise maximum voltage power drop available and maximum amperage provided by the Owner.	This will be clarified via Addendum No.1. Power supply will need to be coordinated with GA Power. At the existing road (Allatoona Dam Road) next to the proposed dewatering staging area, there is an existing overhead transformer bank with 120/240-V 400 amp service. The voltage can be changed to 120/208-V or the existing transformer can be replaced get a 277/480-V service.
28	Please advise if Owner will pay for temporary power	No. The Contractor will be responsible for all costs associated with the temporary electrical service for the duration of the Contract.
29	Please advise if it is allowable to build a pedestrian bridge across the creek on the north side of the staging property and temporary stairs up the bank to the lagoon	Temporary structures are permitted provided they are completely removed at the end of the construction contract.
30	Please confirm that no paving restoration will be required at the end of the project should there be damage to the road due to continual dump truck traffic; we request that a paving repair unit price item be included in the bid form.	Any damage to the existing road pavement shall be made at no additional cost the Owner.
31	Please confirm what material testing the project will be required that will be the responsibility of the Contractor as referenced in 00 21 13 1.15E	This apply to any testing required by the Contractor or subcontractors for the work required to complete the Contract and not specifically designated as testing that will be paid for by the Owner.
32	See 00 21 13 1.20B.....does the Owner anticipate purchasing any permanent materials on this project? We ask that this be waived as prices fixed through the end of the project plus one year is not viable in current market conditions.	The Owner does not anticipate purchasing any permanent materials to be received and/or installed by the Contractor.
33	What is the anticipated duration to prepare and obtain an erosion control plan/LDA permit? Please waive the time required to obtain this permit from the contractual duration.	It will take around 30 to 90 days to conduct the site survey, prepare an erosion control plan, and obtain an LDA permit after the Contractor's site plan is submitted, reviewed, and accepted by the Owner and Engineer. The number of days required to prepare the erosion control plan and obtain the LDA permit will not count as part of the Contract Time.
34	Do you know if the city would accept an electronic RFP before the due date, knowing that the original document will be sent by courier on the same day but will arrive passed June 9th?	No. All sealed bids shall be prepared and executed per the INSTRUCTIONS TO BIDDERS, Section 002113.1.8.
35	In the RFP, it is mentioned that the contractor must supply their own power p.3 of 5 (Admin module). On section 6 pf 9 of the dredging module, it is said that the owner will supply temporary metered electric drop near the staging area and the contractor can run temporary electric power etc. Can you confirm that the city will supply the power to the contractor and if so what is the amperage available? 3 phase, 480 V, ? amps.	This will be clarified via Addendum No.1. Power supply will need to be coordinated with, the Owner and GA Power. The Contractor will be responsible for all costs associated with the temporary electrical service.
36	In the Dredging module, p.2 of 9 B, in Submittal portion, it is mentioned that a dredging plan, contact info, equipment etc, (entirety of the portion), same goes with the dewatering plan on section C of the same page, those items requested are for the selected contractor to supply when awarded, is that correct? Or do we have to supply all the information with our bid?	The submittal items listed under Specs Section 352400.1.4 will be required after the low bidder is selected, and the contract is awarded and contracts are signed. This information should NOT be included with the bid documents required on 6/9/2022.
37	Would it be possible to quickly confirm the volume to be removed from lagoon as legal information, bond etc must be ordered and amount of the contract must be known prior to order document. If 40 000 Tons is a wet ton, means that 40 000 wet tons must go to landfill. If the unit is BDT, that means that the 40 000 BDT at 20% (example) dryness will become 200 000 wet ton to disposed at landfill. Please confirm.	This will be clarified via Addendum No.1.
38	Regarding the project, Carterville WTP Sludge Lagoon Dredging, is the 40,000 TONS of material that is called out, is that Dewatered TONS or Dry TONS?	This will be clarified via Addendum No.1.
39	If contractor doesn't install permanent power, or permanent piping can the GA contractor's license requirement be waived?	Yes. If the not utility work being performed by the general contractor, then the utility license requirement will be waived.
40	If contractor plans to use temporary fuse & flex piping for dredging alum sludge, pumping water to dewatering area pad from lagoon, and pumping filtrate with pad containment water back to the lagoon, therefore no need to install permanent piping — can contractor eliminate the pipe testing portion of bid spec?	Yes. Testing is only required for permanently installed piping.
41	Section 35 24 00. E. 1. Dredging, Dewatering, Trucking & Disposal; states payment shall be made on basis of dry solids. Is it 40,000 wet ton or dry ton?	See Addendum No.1. The quantity has been adjusted to 15,000 Wet Tons.
42	How will dry tons be calculated per load for disposal?	See Addendum No.1. The basis will be on wet tons dried to 20% min. or as required by the landfill.
43	Is onsite testing for % solids acceptable or must the contractor utilize a 3rd party testing facility?	Dryness verification testing will be done by the Owner or a third party using the testing cash allowance in the Contract
44	What is the distance we can expect to need to run water line to staging area?	The water line connections by the Owner will stop within 20-ft of the edge of the exiting road. The Contractor's site layout will determine the total distance required.
45	Will operations be impeded by use of the firing range?	The City's use of the firing range does not limit the Contractor's ability to pefrom the contract requirements for dredging and dewatering. It is an option to access to pond through the firing range, but it is not a requirement. Pond access via the firing range is only limited to load and unloading only, and must be coordinated and scheduled with the City.

QUESTIONS FROM BIDDERS
WTP SLUDGE LAGOON DREDGING
FOR
CITY OF CARTERSVILLE, GEORGIA

W&S Project No. 027-21-121

Bid Date: THURSDAY, JUNE 9, 2022 @ 2:00 PM

Updated: 6/6/2022

Question #	Question	Answer
46	Will you consider a 2 week extension for submittal?	No. The bid opening will remain set for Thursday June 9, 2022 @ 2:00 PM.
47	The Bid form must reflect the changes following the addendum sent yesterday. The review bid form was not attached to the addendum. Do I just write over the 40 , 15 by hand and that will be accepted?	Yes, it is acceptable to write over the original bid form, or use the revised form included with Addendum No.2.
48	Would a digital bid bond be accepted by the city?	No, the bid bond is part of the bid package, and all sealed bids shall be prepared and executed per the INSTRUCTIONS TO BIDDERS, Section 002113.
49	question #6 that I submitted addressed the need of the pre and post survey's and was not addressed. Why spend the money for survey's when the 15,000 WT is all that will be removed. The space created is what it is at this point.	The pre-dredging and post-dredging Bathymetric Surveys are still required. The information is required for the project records. The costs for these bathymetric surveys shall be included in the mobilization and demobilization unit price costs as required by Specs Section 0352400 paragraph 1.6.C.2.b and 1.6.F.2.b
50	Also, are going to issue a revised pricing form?	Yes, a revised BID FORM is included with Addendum No.2.
NOTES:	1. Company Names and Trade Names have been removed from the questions. The answers contain trade names only to refer to existing installations. These inclusions do not represent an endorsement of the product or the company. 2. Questions from sales representatives have been edited where appropriate for brevity. 3. Questions from General Contractors have been left untouched. 4. Significant Changes in answers previously posted are marked in red.	