

RESOLUTION NO. 28959

A RESOLUTION AUTHORIZING THE ADMINISTRATOR FOR THE DEPARTMENT OF PUBLIC WORKS TO AWARD CONTRACT NO. W-15-001-201 TO W&O CONSTRUCTION COMPANY, INC. OF LIVINGSTON, TN, MBWWTP DETRITORS REHABILITATION, A NON-CONSENT DECREE PROJECT, IN THE AMOUNT OF TWO MILLION SIX HUNDRED SIXTY-TWO THOUSAND EIGHT HUNDRED SEVENTY-SIX DOLLARS (\$2,662,876.00), WITH A CONTINGENCY AMOUNT OF ONE HUNDRED THIRTY-FIVE THOUSAND DOLLARS (\$135,000.00), FOR AN AMOUNT NOT TO EXCEED TWO MILLION SEVEN HUNDRED NINETY-SEVEN THOUSAND EIGHT HUNDRED SEVENTY-SIX DOLLARS (\$2,796,876.00).

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BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, TENNESSEE, that the Administrator for the Department of Public Works is hereby authorized to award Contract No. W-15-001-201 to W&O Construction Company, Inc. of Livingston, TN, MBWWTP Detritors Rehabilitation, a Non-Consent Decree Project, in the amount of \$2,662,876.00, with a contingency amount of \$135,000.00, for an amount not to exceed \$2,796,876.00.

ADOPTED: March 14, 2017

/mem

# City of Chattanooga



## Resolution/Ordinance Request Form

Date Prepared: February 21, 2017

Preparer: Dennis Malone

Department: Public Works

Brief Description of Purpose for Resolution/Ordinance:

Res./Ord. # \_\_\_\_\_ Council District # 1

A City Council resolution is requested to award Contract No. W-15-001-201, MBWWTP Detritors Rehabilitation, a Non-Consent Decree project to W.O. Construction Company, Inc., of Livingston, TN, in the amount of \$2,662,876.00 with a contingency amount of \$135,000.00 for an amount not-to-exceed \$2,797,876.00.

Name of Vendor/Contractor/Grant, etc.	<u>W.O. Construction Company, Inc.</u>	New Contract/Project? (Yes or No)	<u>Yes</u>
Total project cost \$	<u>2,797,876.00</u>	Funds Budgeted? (YES or NO)	<u>Yes</u>
Total City of Chattanooga Portion \$	<u>2,797,876.00</u>	Provide Fund	<u>6012</u>
City Amount Funded \$	<u>2,797,876.00</u>	Provide Cost Center	<u>K37143</u>
New City Funding Required \$	<u>0</u>	Proposed Funding Source if not budgeted	_____
City's Match Percentage %	_____	Grant Period (if applicable)	_____

### List all other funding sources and amount for each contributor.

Amount(s)	Grantor(s)
_____	_____
_____	_____
_____	_____

Agency Grant Number \_\_\_\_\_

CFDA Number if known \_\_\_\_\_

Other comments: (Include contingency amount, contractor, and other information useful in preparing resolution)

Funding is ISS Funding from previous FY. Non-Consent Decree projects.

Approved by:   
DESIGNATED OFFICIAL/ADMINISTRATOR

Reviewed by: FINANCE OFFICE

Please submit completed form to @budget, City Attorney and City Finance Officer

Revised: 1/26/09



CTI Engineers, Inc.  
1122 Riverfront Parkway  
Chattanooga, TN 37402  
Phone 423.267.7613  
Fax 423.267.0603  
www.ctiengr.com

February 20, 2017

Mr. Dennis Malone, Assistant City Engineer  
City of Chattanooga  
Development Resource Center  
1250 Market Street, Suite 3050  
Chattanooga, TN 37402

Subject: Recommendation to Award Contract for  
MBWWTP Detritor Rehabilitation  
Contract No. W-15-001-201  
CTI Project No. C15039-03

Dear Dennis:

Bids for the subject project were opened at 2:00 p.m. on Thursday, February 16, 2017, at the City of Chattanooga Purchasing Department conference room. A total of three bids were received for this project, as indicated on the attached bid tabulation.

We have examined the submitted bid documentation (including bonds) and have concluded that W&O Construction Company, Inc., is the lowest responsive, responsible bidder, with a Schedule IA lump sum base bid of \$1,944,800 and a Schedule IB unit price base bid amount of \$718,076, for an overall total base bid of \$2,662,876. Their Schedule II, deductive alternate bid for deleting the new support bridges and handrail and coating and reusing the existing support bridges and handrail at Detritors 1 and 2 is \$25,000 and their Schedule III, deductive alternate bid for furnishing detritor grit separator mechanisms and specified accessories manufactured by Envirodyne Systems, Inc., of Camp Hill, PA, in lieu of the named base bid manufacturer (Ovivo USA, LLC) is \$75,000.

CTI has worked with W&O on several WWTP improvement projects over the last 15 to 20 years and considers them well qualified to perform the work within the contract time. After discussions with the City regarding the Deductive Schedule III bid of \$75,000 for Envirodyne-manufactured detritor equipment, it is our recommendation that the City award this project to W&O Construction Company, Inc., in the amount of \$2,562,876 (Total base bid Schedules IA + IB–Schedule II–Schedule III).

If you have any questions, please do not hesitate to call.

Sincerely,

A handwritten signature in blue ink that reads 'Allen D. Stephens'.

Allen D. Stephens, P.E.  
Project Manager

Enclosures  
505598

cc: Don Tabor, P.E., CTI (w/encl)  
CTI File

**BID TABULATION**  
**MOCCASIN BEND WASTEWATER TREATMENT PLANT DETRITORS REHABILITATION**  
**CONTRACT NO. W-15-001-201**  
**CITY OF CHATTANOOGA, TN**

<b>BID OPENING</b> Time: 2:00 PM Date: February 16, 2017 Place: Purchasing Department, City Hall Chattanooga, TN	<b>Bidder:</b> W & O Construction Company, Inc. 150 Construction Drive P. O. Box 239 Livingston, TN 38570	<b>Bid Bond:</b> Travelers Casualty and Surety Co. of America Hartford, CT	<b>P. F. Moon and Company, Inc.</b> 2207 Hwy. 103 P. O. Box 346 West Point, GA 31833	<b>Haren Construction Company, Inc.</b> 1715 Hwy. 411 N. P. O. Box 350 Etowah, TN 37331
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**SCHEDULE IA - LUMP SUM BASE BID**

Furnish All Labor, Materials, Equipment, Services, Supervision, and All Necessary Appurtenances for the construction of the Detritors Facility Improvements at the Moccasin Bend Wastewater Treatment Plant (MBWWTPI), as required for a complete operating installation as described in the Contract Documents and/or as shown on the Contract Drawings, including all Base Bid Equipment, but excluding work in Schedules IB, II, and III, for the lump sum of

\$1,944,800.00

\$2,184,669.00

\$2,593,620.00


<b>SCHEDULE IB - UNIT PRICE BASE BID</b>									
Item No.	Description	Unit	Est. No. of Units	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total
<b>CONCRETE REPAIRS AND PROTECTIVE COATINGS</b>									
1	Level I Interior Concrete Repair/Coatings	SF	3,400	\$ 15.53	\$ 52,802.00	\$ 15.84	\$ 53,856.00	\$ 17.30	\$ 58,820.00
2	Level II Interior Concrete Repair/Protective Coatings (Depth: 0.25" to < or = to 0.50")	SF	15,500	\$ 22.76	\$ 352,780.00	\$ 23.21	\$ 359,755.00	\$ 25.40	\$ 393,700.00
3	Level III Interior Concrete Repair/Protective Coatings								
3a	Depth: > 0.50" to < or = to 1.50"	SF	3,000	\$ 32.65	\$ 97,950.00	\$ 33.30	\$ 99,900.00	\$ 36.40	\$ 109,200.00
3b	Depth: > 1.50" to < or = to 2.50"	SF	1,000	\$ 54.04	\$ 54,040.00	\$ 55.12	\$ 55,120.00	\$ 60.20	\$ 60,200.00
3c	Depth: > 2.50" to < or = to 4.00"	SF	1,000	\$ 69.29	\$ 69,290.00	\$ 70.60	\$ 70,600.00	\$ 77.20	\$ 77,200.00
4	Exterior Concrete Surface Repairs (Filling in Cracks)	LF	500	\$ 17.00	\$ 8,500.00	\$ 18.00	\$ 9,000.00	\$ 19.00	\$ 9,500.00
5	Exterior Concrete Surface Repairs (Broken/Chipped Areas and other Miscellaneous Surface Imperfections)	SF	750	\$ 19.40	\$ 14,550.00	\$ 20.00	\$ 15,000.00	\$ 22.00	\$ 16,500.00
6	Exterior Concrete Coating	SF	10,400	\$ 3.91	\$ 40,664.00	\$ 4.00	\$ 41,600.00	\$ 4.40	\$ 45,760.00
<b>CASH ALLOWANCES</b>									
7	Concrete and Materials Testing	LS	1	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00	\$ 7,500.00
8	Odor Control Duct Repair	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
<b>TOTAL - SCHEDULE IB</b>					<b>\$ 718,076.00</b>		<b>\$ 732,331.00</b>		<b>\$ 798,380.00</b>
<b>TOTAL SCHEDULES IA AND IB</b>					<b>\$ 2,662,876.00</b>		<b>\$ 2,917,000.00</b>		<b>\$ 3,392,000.00</b>

Bidder: W & O Construction Company, Inc. P. F. Moon and Company, Inc. Haren Construction Company, Inc.

SCHEDULE II - DEDUCTIVE ALTERNATE FOR DELETION OF NEW SUPPORT BRIDGES AND COATING/REUSING OF EXISTING BRIDGES - DETRITORS 1 AND 2			
Item No.	Description	Item Total	Item Total
46 23 73	For deleting the new support bridges and handrail and coating and reusing the existing support bridges and handrail at Detritors 1 and 2: DEDUCT	-\$25,000.00	-\$25,000.00

SCHEDULE III - DEDUCTIVE ALTERNATE FOR ALTERNATE DETRITOR EQUIPMENT MANUFACTURER			
Item No.	Description	Item Total	Item Total
46 23 73	For furnishing Detritior Grit Separator Mechanisms and specified accessories manufactured by Envirodyne Systems, Inc. of Camp Hill, PA in lieu of the named base bid manufacturer (Ovivo USA, LLC): DEDUCT	-\$75,000.00	No Bid

I hereby certify that the above is a true and accurate tabulation of bids received at 2:00 p.m. (Eastern), on Thursday, February 16, 2017, at the Purchasing Department of City Hall, Suite G 13, 101 East 11th Street, Chattanooga, TN 37402, for the construction of the Moccasin Bend Wastewater Treatment Plant Detritors, Rehabilitation Contract Number W-15-001-201 for the City of Chattanooga, Tennessee

By   
 Allen D. Stephens, P.E.  
 Tennessee License No. 11950  
 CTI Engineers, Inc.  
 1122 Riverfront Parkway  
 Chattanooga, TN 37402