

# Memorandum



**Date:** January 6, 2017

**To:** Gary T. Hartfield, Division Director  
Internal Services Department  
Small Business Development Division

**From:** Cristian Garcia  
Contract Compliance Specialist II  
Miami Dade Water & Sewer

**Subject:** South District Waste Water Treatment Plant Fog Removal Facility Consent Decree  
Project 1.09 (RPQ P0197)

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Miami-Dade Water and Sewer Department (WASD) respectfully requests that you review the attached recommendation to allow this project to be bid using the CICC7360 Program.

Originally this project was bid under the CICC7040 Program, only one contractor turned in a bid and it was approx. 56% over the engineers estimate. It has been cancelled due to the price being too high and also because of lack of participation. Attached are the required documents, including the scope of work and the detailed breakdown of the projects estimated budget.

Primary Trades for this project are General Building Contractor and Building Contractor.

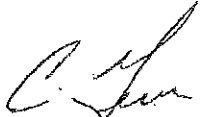
## Summary of Work

The WORK consists of furnishing all materials, labor, and equipment necessary for the FOG Facility improvements at the South District Wastewater Treatment Plant (SDWWTP) owned by the Miami-Dade Water and Sewer Department (MDWASD), located at 23300 S.W. 88 Avenue, Miami, FL 33190.

1. The project consists of furnishing and installing a traveling bridge crane with supporting structure with pile foundations and associated utilities relocation and truck loading area, a hot water supply and distribution system, concrete channels and rock boxes, and truck dumping and washout pad modifications. Additionally, the project includes replacement of the existing heat/fire detection components, and all associated instrumentation and electrical work.
2. Site civil WORK includes dewatering, potholing and relocation of existing conflicting utilities, furnishing and installing concrete and asphalt driveways and roadway, concrete curbs, gutters, and sidewalks.
3. Structural work includes the support pile foundation system and structural steel superstructure for the traveling bridge crane, reinforced cast-in-place concrete structures on grade, pre-cast vaults, on grade reinforced concrete slabs.
4. Building mechanical WORK includes furnishing and installing the natural gas-heated hot water supply and distribution system, including all potable water, hot water, and natural gas piping.
5. Electrical WORK includes furnishing and installing, low voltage panels, power panel modifications, enclosures, breakers, starters, interlocks, grounding, and other necessary electrical gear; all necessary electrical duct banks, conduits, cables for a complete electrical system.
6. Instrumentation and Control WORK includes furnishing and installing, all instrumentation and controls, including control panels, control instruments, switches, transmitters, and sensing elements, and other necessary instrumentation and controls appurtenances and gear; all necessary instrumentation and

controls conduits, cables, and fiber optics, including connections to existing RTU, for a complete instrumentations and control system; providing the services of a system integrator.

If you require any additional information, please contact:



Cristian Garcia  
Contracts Compliance Specialist 2  
Miami-Dade Water & Sewer Department  
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(786) 552-8216 (Phone) (786) 552-8885 (Fax).

Cc: Leo Vargas.

**DEPARTMENTAL INPUT  
CONTRACT MEASURE ANALYSIS AND RECOMMENDATION**

**TO:** Gary T. Hartfield, Division Director  
Department of Business Development

**FROM:** Leo Vargas, OCI Supervisor  
Procurement/Stores Section

**DEPARTMENT:** Miami-Dade Water and Sewer Department

**CONTRACT TITLE:** RPQ P0197 SDWWTP Fog Removal Facility

**CONTRACT NO.:** MCC 7360 Program

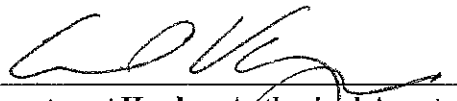
**ESTIMATE AMT.:** \$2,493,924.00 (Contingency \$254,492.40, Dedicated Allowances \$74,817.72)

**ACCT, FUNDS:** ER# S049502

**RECOMMENDATION**

**Analysis for Recommendation**

ITEM	DESCRIPTION	ESTIMATE COST	% OF ITEM TO BASE BID	CSBE AVAILABILITY
1	This project consist of furnishing all materials, labor and equipment necessary for the Fog Facility improvements at South District.	\$2,493,924.00	100%	
		\$0.00	0%	
		\$0.00	0%	
		\$0.00	0%	
		\$0.00	0%	
	<b>SUB-TOTAL</b>	<b>\$2,493,924.00</b>	<b>100%</b>	
	For abatements if approved.	\$5,000.00	0%	
	Dedicated	\$74,817.72	0%	
	Contingency	\$249,392.40	10%	
	<b>TOTAL</b>	<b>\$2,823,134.12</b>		

  
Department Head or Authorized Agent

CD 1.09 FOG Removal Facility  
S-855/ER S049019  
Bid Item Breakdown

Bid Item	Bid Item Description	OPCC	Cost Not In OPCC	Bid Item Total
1	For performing preparatory WORK, including setting up temporary facilities, preparing shop drawing submittals, and the mobilization and demobilization to the Project site of the CONTRACTOR's construction equipment, supplies, materials, personnel, safety equipment and first aid supplies, etc.; including the costs of bonds, required insurance, and other preconstruction expenses; excluding the actual cost of permits, which are paid under a separate dedicated allowance; excluding the costs of materials which are paid under other bid items, the aggregate sum of (not to exceed 12% of the subtotal of bid items).	\$ 295,266.00		\$ 295,266.00
2	For purchasing and delivering to the OWNER the entire Project equipment and materials not included in other Proposal items, including the relocation of utilities and replacement/relocation of equipment, the aggregate sum of	\$ 130,970.00		\$ 130,970.00
3	For all other costs incurred in completing the Project including installation of all materials, equipment and supplies furnished under Item No. 2, including the relocation of utilities and replacement/relocation of equipment conflicting with the deep foundations, all other labor, project management, other miscellaneous costs, and overhead and profit pre-commissioning, training and acceptance testing services; and all remaining work after Substantial Completion for the Project; the aggregate sum of	\$ 727,294.00		\$ 727,294.00
4	For the improvements associated with the Rock Box system; the aggregate sum of	\$ 91,804.00		\$ 91,804.00
5	For providing the traveling bridge crane and associated support structure; the aggregate sum of	\$ 300,064.00		\$ 300,064.00
6	For the hot water system and all associated improvements; the aggregate sum of	\$ 392,118.00		\$ 392,118.00
7	For all site civil WORK including dewatering, concrete driveways and roadway, concrete curbs, gutters, and sidewalks; for excavation support, auger cast piles and testing; the aggregate sum of	\$ 215,948.00		\$ 215,948.00
8	For performing all structural WORK including installing all structural features including underpinning of existing structures, installing concrete, concrete block, reinforcement, grout, beams, stairways, railing, hatches, covers, ladders, grating, and all other necessary structural components; the aggregate sum of	\$ 223,514.00		\$ 223,514.00
9	For all heat detection and associated electrical work, the aggregate sum of	\$ 894.00		\$ 894.00
10	For furnishing and installing low voltage control panels, enclosures, breakers, starters, interlocks, grounding, lighting protection, and other necessary electrical gear; all necessary electrical duct banks, conduits, cables for a complete electrical system, the aggregate sum of	\$ 86,648.00		\$ 86,648.00

11	For all Instrumentation and Control WORK including furnishing and installing all instrumentation and controls, including control panels, control instruments, switches, transmitters, and sensing elements, and other necessary instrumentation and controls appurtenances and gear; all necessary instrumentation and controls conduits, cables, and fiber optics, for a complete instrumentations and control system; providing the services of a system integrator, the aggregate sum of	\$ 29,404.00		\$ 29,404.00
12	Bid Items 1 through 11, the sum of	\$ 2,493,924.00		\$ 2,493,924.00
13	For Lead and Asbestos abatement, if authorized by the ENGINEER, for the duration of the project, the aggregate sum of		\$ 5,000.00	\$ 5,000.00
14	For all cost of required permits, fees, impact fees, Inspections, If ordered by the Engineer, the sum of 3% of the Subtotal, Item 12, (.03)x(Subtotal, Item 12)		\$ 74,817.72	\$ 74,817.72
15	For unforeseen conditions, for minor construction changes and for quantity adjustments, if ordered by the Engineer, the sum of 10% of the Subtotal, Item 12, (.10)x(Subtotal, Item 12)	\$ 249,392.40		\$ 249,392.40
16	Sum of Bid Item Nos. 12, 13, 14 and 15	\$ 2,743,316.40		\$ 2,823,134
17	For unforeseeable conditions / Force Majeure, or additional work not covered by other items, if authorized by the ENGINEER, the total of Sixty-one (61) calendar days	N/A	N/A	N/A