


**DEPARTMENTAL INPUT
CONTRACT MEASURE ANALYSIS AND RECOMMENDATION**

Date: May 9, 2022
To: Gary T. Hartfield, Division Director
Internal Services Department
Small Business Development Division
From: Paul Adams, Manager
Construction Contracts Division
Department: Miami-Dade Water and Sewer Department
Contract Title: Alexander Orr Jr. Water Treatment Plant Lime Slaker Replacement Project
Contract No.: W-945
Estimate \$16,590,481.97 (Construction \$14,652,829 + Allowances & Contingency \$1,937,652.97)
Funding Source: ER # W016996

Small Business Enterprises – Construction – 2.20%


Department Head or Authorized Agent

DESCRIPTION OF PROJECT:

The scope of work includes, includes, but is not limited to, removal and demolition of six (6) total existing lime slakers at Chemical Building Nos. 1 and 2, along with associated discharge piping and valves, transfer pumps and lime bins; installation of new lime feed and slaking equipment at Chemical Buildings No. 1 and No. 2, three new Lime Slurry Transfer Pumps each at Chemical Buildings No. 1 and No. 2, three new 8,000 lb/hr capacity screw feeders and slaking equipment each at Chemical Buildings No. 1 and No. 2, three new lime slurry aging/mixing tanks for Chemical Building 2, and six (four on line/ two standby) lime slurry feed pumps for Chemical Building No. 2, associate piping modifications, accessories and appurtenances; clearing, demolition, grading, yard piping, pot-holing and relocation or abandonment of existing conflicting utilities, Type I pavement repair of existing asphalt surfaces restoration; concrete repair in the existing Chemical Building Nos. 1 and 2; instrumentation, including control panels, operator console, control instruments, switches, analyzers, transmitters, and sensing elements, and other necessary instrumentation and controls appurtenances and gear; electrical work; mechanical work; providing system integration and other appurtenant and miscellaneous items and work for a complete and fully functional installation.

LICENSES REQUIRED:

One of the following licenses is required: State General Contractor, General Engineering Contractor and/or other categories as applicable by Chapter 489 of the Florida Statutes or County Code Chapter 10

MINIMUM EXPERIENCE REQUIRED:

A. The Bidder's proposed project manager shall have successfully completed a minimum of two (2) projects demonstrating project management experience with large drinking water or wastewater treatment upgrade projects having a total construction value (for each project) of greater than \$10 million. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid.

B. The Bidder or the Bidder's Electrical Subcontractor shall have successfully completed a minimum of three (3) projects demonstrating experience procuring and installing main electrical equipment, medium and low voltage electrical power systems, including transformers and switchgear. The BIDDER shall be experienced in performing WORK while maintaining operations of a drinking water treatment facility. These projects shall have been performed within the past ten (10) years from the date of the Invitation to Bid

BASIS OF RECOMMENDATION: Attached

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Small Business Enterprise – Goods & Services – 0.55%



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