



July 11, 2013

To: CBE Engineering Firms

Re: Design-Build Services for Gravity Sewer Interceptors for Pump Station No. 3

Project No.: DB13-WASD-01

The above-referenced project is being considered for a sub-consultant goal solely among Community Business Enterprise (CBE) firms, for the "**Design Component**". If you are interested in participating as a **1st Tier** or **2nd Tier CBE Sub-consultant** to perform work in connection with this project, **please complete and return the attached Verification of Availability form and provide examples of work your firm has completed (required) on similar projects as outlined in the attached project description, by 11:00am, Monday July 15, 2013.**

Please review the attached project description and requirements. These specifications are being reviewed and are subject to change.

The Verification of Availability form and required examples of previous work may be sent via facsimile transmission (305) 375-4751 or email to walterv@miamidade.gov. If you have any questions, please contact me at (305) 375-3138.

Sincerely,

A handwritten signature in black ink, appearing to read "Vivian O. Walters, Jr.", written in a cursive style.

Vivian O. Walters, Jr.

Contract Development Specialist II
Regulatory and Economic Resources Department
Small Business Development Division
111 NW 1st Street #19 Floor
Miami, FL 33128
walterv@miamidade.gov

Office (305) 375-3138 | Fax (305) 375-3160

"Delivering Excellence Every Day"

"For the New Project Review & Analysis Process

Attachments

DESCRIPTION OF PROJECT

Project Title: Design-Build Services for Gravity Sewer Interceptors for Pump Station No. 3

Project Number: DB13-WASD-01

Department: Water & Sewer

Estimated Cost: \$1,078,900.00

Technical Categories:

Technical Category No.	Description	Total Percentage	CBE Percentage
3.02A PRIME	Highway Systems- Tunnel Design	45%	0%
3.04	Traffic Engineering Studies	0.5%	0.5%
3.05	Traffic Counts	0.5%	0.5%
6.01 PRIME	Water and Sanitary Sewer Systems- Water Distribution and Sanitary Sewage Collection and Transmission Systems	15.5%	0%
9.01	Soils, Foundations and Materials Testing- Drilling, Subsurface Investigations and Seismographic Services	1.0%	1%
9.02	Soils, Foundations and Materials Testing- Geotechnical and Materials Engineering Services	2.0%	2%
9.03	Soils, Foundations and Materials Testing- Concrete and Asphalt Testing Services	0.5%	0.5%
9.04	Soils, Foundations and Materials Testing- Non-Destructive Testing and Inspections	0.5%	0.5%
10.02	Geology Services	1.0%	1.0%
10.05	Environmental Engineering- Contamination Assessment and Monitoring	0.5%	0.5%
11	General Structural Engineering	10.0%	0%
15.01	Surveying and Mapping - Land Surveying	2.0%	2%
15.03	Surveying and Mapping - Underground Utility Location	1.0%	1%
16 PRIME	General Civil Engineering	15.0%	5%

Technical Category No.	Description	Total Percentage	CBE Percentage
17	Engineering Construction Management	5.0%	2%
	TOTAL	100%	16.5%

Overall Project Description

The duration of the proposed design-build contract is 488 calendar days. The estimated total compensation for the design-build contract is \$ **15,293,700**, which includes the following:

- \$12,871,200 estimated construction cost ;
- \$ 1,078,900 estimated engineering cost ;
- \$ 643,600 contingency fees in accordance with Ordinance 00-65;
- \$ 300,000 dedicated allowance;
- \$ 400,000 permitting fees.

ENGINEERING SERVICES: The scope of engineering services will include, but is not limited to, engineering, design, permitting, and inspection to support the construction, installation, testing and commissioning activities associated with the construction of new gravity sewer interceptors to Pump Station No. 3. Engineering and design services will be required to address the following project elements:

- Approximately 600 linear feet of tunnel boring to install a 54-inch internal diameter pipeline, to be constructed with inert/non-corrosive material, along S.W. 11th Street from S.W. 2nd Avenue to Pump Station 3.
- Approximately 2,400 linear feet of tunnel boring to install a 48-inch internal diameter pipeline, to be constructed with inert/non-corrosive material, along S.W. 2nd Avenue and S.W. 13th Street, from S.W. 11th Street to Brickell Avenue.
- Approximately 1,400 linear feet of tunnel boring to install a 36-inch internal diameter pipeline, to be constructed with inert/non-corrosive material, along S.W. 2nd Avenue, from S.W. 7th Street to S.W. 11th Street.
- Approximately 700 linear feet of tunnel boring to install a 30-inch internal diameter pipeline, to be constructed with inert/non-corrosive material, along S.W. 8th Street, from S.W. 1st Avenue to S.W. 2nd Avenue.

***Minimum Requirements**

3.04 Traffic Engineering Studies

Special capability in the study of operational problems and the determination of traffic operational improvements for efficiency and safety. Studies shall include those for signing, marking and signal inventories; signal warrant and intersection analysis; travel time and delay studies,

Do you have prior experience satisfying the above stated? Yes ___ No ___

3.05 Traffic Counts

Special capability in conducting 24 hour, one to three day counts for approximately 450 permanent traffic count stations annually, or one-day 24-hour traffic counts.

Do you have prior experience satisfying the above stated? Yes ___ No ___

**9.01 Soils, Foundations and Materials Testing - Drilling,
Subsurface Investigations and Seismographic Services**

Specialty knowledge in the performance of geotechnical explorations in the uplands and the development and implementation of instrumentation and monitoring programs to measure settlement of surfaces, structures, utilities, and water levels.

Do you have prior experience satisfying the above stated? Yes ___ No ___

**9.02 Soils, Foundations and Materials Testing Geotechnical
and Materials Engineering Services**

Providing material testing and quality assurance services for product acceptance. Testing for reliability/durability, water-tightness and densities of tunnel and piping systems.

Do you have prior experience satisfying the above stated? Yes ___ No ___

1100 General Structural Engineering

Structural design of deep water-tight shafts, with minimum depth of 20-feet, and in conditions with high water table and requiring tremie plugs and rock anchor supports; concrete segmental liners and their associated connections; thrust restraints for pipes in tunnel and in a trench.

1501 Surveying and Mapping - Land Surveying

Surveying and mapping services related to establishing alignment and grades for deep tunnels, temporary/permanent/subterranean easements, marine surveying, and construction progress and as-built surveys.

Do you have prior experience satisfying the above stated? Yes ___ No ___

1503 Survey and Mapping - Underground Utility Location

Understanding of mapping and survey requirements based on MDWASD standards and knowledge of the utility verification process.

Do you have prior experience satisfying the above stated? Yes ___ No ___

1600 General Civil Engineering

Understanding of general civil and site requirements such as paving, grade, drainage, and landscaping to support site development for the construction trailers and material staging areas, and restoration of golf courses and greenways.

Do you have prior experience satisfying the above stated? Yes ___ No ___

1700 Engineering Construction Management

Administration of single or multiple construction/installation contracts for engineering projects. This specialty also includes the inspection and certification of the construction of engineering elements projects. Staff shall include at least one (1) professional engineer registered with the Florida State Board of Professional Engineers.

Do you have prior experience satisfying the above stated? Yes ___ No ___

CBE firms are required to provide the project names, dollar values, and contact names of the projects worked on (satisfying the above stated requirements).

***This information is REQUIRED along with the signed Verification Form**