



March 19, 2014

To: CBE Engineering Firms

Re: Design-Build Service for Replacement/Rehabilitation of 72-inch Sanitary Sewer Force Main along NW/NE 159th Street between NW 17th Ave and NE 10th Ave

Project No.: DB14-WASD-01

The above-referenced project is being considered for competition measures among Community Business Enterprise (CBE) firms. If you are interested in participating as a **Lead A/E CBE firm** (in **Technical Categories 6.01 & 16.00**) or **CBE Sub-Consultant** (in **Technical Categories 9.01, 9.02, 9.03, 9.04, 10.05, 11.00, 15.01, 15.03, & 17.00**) perform work in connection with this project in, please complete and return the attached Verification of Availability form and, (primes) provide the "Required" examples of work your firm have completed on similar projects as outlined in the attached project description, by 4:30pm, Friday March 21, 2014.

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) 375-3160 or email to walterv@miamidadegov. 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." with a stylized flourish at the end.

Vivian O. Walters, Jr.

Contract Development Specialist II
Internal Services Department
Small Business Development Division
111 NW 1st Street #19 Floor
Miami, FL 33128
walterv@miamidadegov

Office (305) 375-3138 | 6Fax (305) 375-3160

"Delivering Excellence Every Day"

Attachments

VERIFICATION OF AVAILABILITY

DEPARTMENT OF SMALL BUSINESS DEVELOPMENT
COMMUNITY BUSINESS ENTERPRISE PROGRAM
111 N.W. 1ST STREET, 19TH FLOOR
MIAMI, FLORIDA 33128

PROGRAM COORDINATOR: MR. VIVIAN WALTERS, JR.

I am herewith submitting this letter of verification of availability and capability to propose at such time as this project is advertised. (NOTE: Please provide all the information requested; incomplete and/or incorrect verifications are not acceptable or usable.)

CONTRACT TITLE AND NUMBER: Design-Build Service for Replacement /
Rehabilitation of 72-inch Sanitary Sewer Force
Main along NW/NE 159th Street between NW
17th Ave and NE 10th Ave

DB14-WASD-01

CONTRACT ESTIMATED AMOUNT: \$1,875,580.00

*****CHECK BELOW IF YOU ARE RESPONDING AS A PRIME OR SUB-CONSULTANT*****

Lead A&E CBE Firm – Certified in 6.01& 16.00 (Check As Applicable) - _____

(Must be certified in both Technical Categories)

SUB-CONSULTANTS - CHECK THE RELATED CATEGORY

9.01__ 9.02__ 9.03__ 9.04__ 10.05__ 11.00__ 15.01__ 15.03__ 17.00__

NAME OF COMMUNITY BUSINESS ENTERPRISE _____ Certification Expires: _____
DATE

ADDRESS _____ CITY _____ ZIP CODE _____

Telephone: _____ Bonding Capacity: N/A

PRINT NAME AND TITLE _____

SIGNATURE OF COMPANY REPRESENTATIVE _____ DATE _____

DESCRIPTION OF PROJECT

Project Title: Design-Build Service for Replacement / Rehabilitation of 72-inch Sanitary Sewer Force Main along NW/NE 159th Street between NW 17th Ave and NE 10th Ave

Project Number: DB14—WASD-01

Department: Water & Sewer

Estimated Cost: \$1,875,580.00

Technical Categories:

TC No.	Description	Percentage	Amount
6.01	Water Distribution and Transmission (Prime)	38%	
16.00	General Civil Engineering - Prime	15%	
9.01	Drilling, Subsurface Investigations and Seismographic Services	2%	
9.02	Geotechnical Materials Engineering Testing	2%	
9.03	Concrete and Asphalt Testing Services	1%	
9.04	Non-Destructive Testing and Inspection	1%	
10.05	Contamination Assessment and Monitoring	5%	
11.00	General Structural Engineering	27%	
15.01	Surveying and Mapping Land Surveying	2%	
15.03	Underground Utility Locations	2%	
17.00	Engineering Construction Management	5%	
Total Estimated Consultant Fees		100%	\$1,875,580.00

Overall Project Description

The Design-Builder shall provide engineering, design, permitting, construction, testing and commissioning services for the implementation of the replacement/rehabilitation of the 72-inch sanitary sewer force main along Northwest/Northeast 159th Street between Northwest 17th Avenue and Northeast 10th Avenue. The design and construction services rendered by the Design-Builder shall result in a complete, functional, and operable piping project with a minimum of 80 year of design life. The Project shall consist of the following main elements:

1. Remove and salvage the existing 60-inch inline valves located at the intersection of Northwest 2nd Avenue and Northwest 159th Street. The salvaged valves will remain the property of Miami-Dade Water and Sewer Department (WASD).
2. Installation of two new 60-inch inline valves at the intersection of Northwest 6th Avenue and Northwest 159th Street and also at the intersection of North Miami Avenue and Northwest 159th Street. These valves will be procured by WASD forces.
3. Booster Pump Station 1310, located at Northwest 151st Street and Douglas Road, will be reconfigured or shutdown to allow discharge towards the suction header of Booster Pump Station 300, located at Northwest 30th Avenue and Northwest 127th Street. Pump Station 300 will to be evaluated to confirm ability to receive Design-Builder's proposed flow (based on the construction approach) and if necessary reconfigure to receive the additional flow from Booster Pump Station 1310.
4. Install an 8-inch temporary bypass for the existing North Miami Beach 8-inch force main connection to the existing 72-inch force main, located at the intersection of Northwest 16th Court and Northwest 155th Terrace.
5. Install an 8-inch temporary bypass for the existing City of North Miami 8-inch force main connection to the existing 72-inch force main located at the intersection of Northwest 2nd Avenue and Northwest 159th Street.
6. Install a 16-inch temporary bypass for the existing WASD 16-inch force main connection to the existing 72-inch force main located at the intersection of North Miami Avenue and Northwest 159th Street.
7. Approximately 6,400 linear feet of Class IV fully structural (to act as a separate pipe with the existing pipe acting as merely a right-of-way for the installation) Cure-in-Place Pipe (CIPP) application between North Miami Avenue and Northeast 10th Avenue. The preferred material for this CIPP application shall be furnished with a tube fabricated with non-woven synthetic fiber or non-woven synthetic fiber with fiberglass reinforced material and a vinyl ester or epoxy resin system which is compatible with the inversion process. The CIPP application shall be designed to withstand an internal pressure between 60 pounds per square inch (psi) to 65 psi.

8. Approximately 8,860 linear feet of Class IV fully structural (to act as a separate pipe with the existing pipe acting as merely a right-of-way for the installation) continuous sliplining with high density polyethylene (HDPE) application between Northwest 17th Avenue and North Miami Avenue. The preferred material for this sliplining operation is a 63-inch fusible high density polyethylene pipe, Dimension Ratio (DR) 32.5, manufactured from a pipe resin which meets American Society for Testing Materials (ASTM) D 3350 "Standard Specification for Polyethylene Plastic Pipe and Fittings Material" with a minimum cell classification of 445574C, manufactured to the dimensions of ASTM F
9. 714 "Standard Specification for Polyethylene (PE) Plastic Pipe Standard Dimension Ratio Pressure Rated (S.D.R.-PR) Based on Outside Diameter" with a pressure rating between 60 psi to 65 psi.
10. Approximately 1,800 linear feet open cut construction to install a 60-inch pipe to interconnect sliplining operations between Northwest 17th Avenue and Northeast 2nd Avenue.

Additionally, the Design-Builder shall design and construct all ancillary piping, tapping, temporary bypass and tie-in connections to facilitate successful construction and commissioning of the rehabilitated 72-inch sanitary sewer force main without interruption of service to the existing 72-inch sanitary sewer force main and its upstream and downstream pump stations, sewers and force mains.

Design-Build Team Key Personnel Experience and Qualifications

- A) Minimum industry and position experience of Design-Build team Key Personnel are as follows:
 - 1) Minimum ten (10) years total industry experience of which five (5) years in a similarly responsible position for each of the following Key Personnel:
 - a) Design-Build Project Manager
 - b) Lead Designer- Design Manager
 - c) Lead Constructor - Construction Manager
 - d) Lead Civil Engineer
 - e) Pipe Installation Superintendent
 - 2) Key Personnel must demonstrate experience with the type work to be performed.
 - a) Proposers shall identify, in their Statement of Qualifications, those State of Florida registered Professional Engineers who will sign and seal construction plans and specifications.
 - b) Key Personnel resumes shall indicate the individual's current firm association, their professional qualifications, a client reference with contact information, and their role and duration on each project for which they are being credited the related experience.
- B) Additional Preferred Experience and Past Performance:
 - a) Experience in significant role on a Design-Build project, especially in a similar role as proposed for this Project.

- b) Superior references with regard to meeting cost, schedule, and quality objectives on previous projects, and maintaining a positive client relationship.

Ability of Design-Builder and Team to interface with the County

Design-Builder Proposer will provide a narrative of not more than three (3) single side 8.5 x 11-inch pages, in not less than Arial 11 point font and 3/4-inch margins, that explains how the Design-Builder and team members can efficiently interface with the County and WASD in a timely and effective manner with respect to items such as regular and emergency communications, submittals, meeting attendance, commercial issues and other project related activities

Minimum Experience and Qualifications

The **Lead Designer** must be certified in **(6.01 & 16.00)**

Are you? **Yes** _____ **No** _____

Lead Designers:

- a. The Lead Designer firm performing the design of the water main installation must have minimum five (5) years total industry experience from the date of this solicitation. It also must have designed at least five (5) water main installation projects in an urban environment consisting of a minimum of 10,000 total linear feet of minimum 8-inch nominal diameter.

Do you have prior experience satisfying the above stated?

Yes _____ **No** _____

Are you able to satisfy the above stated “scopes of services”?

Yes _____ **No** _____

- b. Lead Designer providing services under A/E technical certification categories 6.01, and 16.00 must demonstrate to have designed at least five (5) projects that were completed within the last ten (10) years from the date of this solicitation that involved water and sewer main installation.

Do you have prior experience satisfying the above stated?

Yes _____ **No** _____

Are you able to satisfy the above stated “scopes of services”?

Yes _____ **No** _____

Lead Designers: (Please check (as applicable) if you have the listed experience)

- I. The Lead Designer firm who will design the Cure-In-Place-Pipe (CIPP) work must have designed at least two (2) CIPP projects consisting of Class IV fully structural for pressure pipe, one (1) of which was a minimum of 1000 linear feet and a minimum 48-inch internal diameter. **YES** _____ **NO** _____
- II. The Lead Designer firm performing the design of the continuous sliplining must have designed at least two (2) projects with Class IV fully structural fusible HDPE for pressure pipe, one (1) of which was a minimum of 1,000 linear feet and a minimum 48-inch internal diameter. **YES** _____ **NO** _____

- III. The Lead Designer firm performing the design of the open cut installation of 60-inch pipe must have designed at least two (2) projects utilizing the open cut method with pipe of minimum 48-inches inside diameter, including one for a total installed length of at least 1,000 linear feet. **YES**___ **NO**___
- IV. The Lead Designer firm performing design for the pits/shafts shall have designed one (1) deep pit/shaft project to support a rehabilitation operation of at least 15-feet deep (below grade). **YES**___ **NO**___

Lead Designers may qualify for one (1) or more of the above Lead Designer requirements.

Designer Sub-consultants:

Sub-consultants to the Design-Builder or Lead Designer must demonstrate to have designed at least three (3) projects that were completed within the last ten (10) years from the date of the solicitation that involved the main project element for which the Sub-consultant is being proposed.

Do you have prior experience satisfying the above stated?

Yes _____ **No** _____

Are you able to satisfy the above stated “scopes of services”?

Yes _____ **No** _____

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**LEAD DESIGNER & TEAM MEMBERS - PLEASE BE SURE TO INCLUDE THE
NAMES & CONTACT INFORMATION MEETING THE STATED REQUIREMENTS
(ON PROJECTS OF A SIMILAR SCOPE)**

Design-Build Service for Replacement/Rehabilitation of 72-inch Sanitary Sewer Force Main along NW/NE 159th Street between NW 17th Ave and NE 10th Ave

DB14-WASD-01 - Verification of Availability

March 19, 2014

Please complete the following "**Reference Requirements**":

Project Title:
Client Name
Contact No.:
Scope Description:

Project Title:
Client Name
Contact No.:
Scope Description:

Project Title:
Client Name
Contact No.:
Scope Description:
