



January 26, 2015

To: CBE Engineering Firms

Re: Design-Build Service to furnish and Install a 48-inch Force Main along North Miami Ave from NW 8th Street along to 36th Street and along NE 36th From N Miami Ave to NE 2nd Ave

Project No.: **DB14-WASD-05**

The above-referenced project is being considered for competition measures among Small Business Enterprise (SBE-A&E) firms. If you are interested in participating as an **SBE-A&E Prime Consultant**, (required to be certified in **Technical Categories 6.01, 16.00, and 17.00**), or **CBE Sub-Consultant** (in **Technical Categories 3.02A, 9.01, 9.02, 9.03, 9.04, 9.06, 10.02, 10.05, 10.06, 10.07, 11.00, 15.01, and 15.03**) and, to perform work in connection with this project, please complete and return the attached Verification of Availability form and, provide the "Required" examples of work your firm have completed on similar projects as outlined in the attached project description, by 2:00pm, Wednesday January 28, 2015.

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@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." 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@miamidade.gov

Office (305) 375-3138 | Fax (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 to furnish and Install a 48-inch Force Main along North Miami Ave from NW 8th to 36th Street and Along NE 36th Street from North Miami Ave to NE 2nd Ave

DB14-WASD-05

CONTRACT ESTIMATED AMOUNT: \$2,471,251.00

LEAD DESIGNER MUST BE CERTIFIED IN THE FOLLOWING THREE (3) TCs

Are you certified in 6.01, 16.00, & 17.00? YES _____ NO _____

(Must be certified in all "Three" (3) Technical Categories)

SUB-CONSULTANTS - CHECK THE RELATED CATEGORY

3.02A ___ **9.01** ___ **9.02** ___ **9.03** ___ **9.04** ___ **9.06** ___ **10.02** ___ **10.05** ___ **10.06** ___
10.07 ___ **11.00** ___ **15.01** ___ **15.03** ___ **16.00** ___ **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 to Furnish and Install a 48-Inch Force Main along North Miami Ave from NW 8th Street to 36th Street and along NE 36th Street from North Miami Ave to NE 2nd Ave

Project Number: DB14—WASD-05

Department: Water & Sewer

Estimated Cost: \$2,471,251.00

Technical Categories:

TC No.	Description	Percentage	Amount
6.01	Water Distribution and Sanitary Sewage Collection - Prime	45%	
16.00	General Civil Engineering - Prime	20%	
17.00	Engineering Construction Management - Prime	10%	
3.02A	Highway Systems-Tunnel Design	5%	
9.01	Drilling, Subsurface Investigations and Seismographic Services	1%	
9.02	Geotechnical Materials Engineering Testing	2%	
9.03	Concrete and Asphalt Testing	.5%	
9.04	Non-Destructive Testing and Inspection		
9.06	Materials Testing/Consulting/Training Industrial Hygiene	.5%	
10.02	Geology Services	1%	
10.05	Contamination Assessment and Monitoring	.5%	
10.06	Remedial Action Plan Design	.5%	
10.07	Remedial Action Plan Implementation/Operation/Maintenance	.5%	
11.00	General Structural Engineering	10%	
15.01	Surveying and Mapping Land Surveying	2%	
15.03	Underground Utility Locations	1%	
Total Estimated Consultant Fees		100%	\$2,471,251.00

Overall Project Description

The scope of engineering services will include, but is not limited to engineering, design, survey, technical specifications, permitting and inspection to support the construction, installation, testing and commissioning of all activities associated with the construction of a new 48-inch sewer force main. The design-builder should also comply with all other required construction methods for this work, including those to minimize noise, dust, and other impacts to surrounding residential neighborhoods.

- Furnish and install approximately 12,700 linear feet of a 48-inch Pre-stressed Concrete Cylinder Pipe (PCCP) and fittings.
- Construct three (3) micro-tunnels (approximately 1300 linear feet in total length) with 48-inch carrier mains inside 72-inch steel casings under the railroad crossing along North Miami Ave at NW 19th Street, under the railroad crossing at NE36th Street and North Federal
- Furnish and Install the 1-inch thick 72-inch casings; furnish and install casing spacers; constructing jacking and receiving pits for the micro-tunnel
- Construct approximately ten (10) Access Manhole Assemblies
- Furnish and Install ten (10) 48-inch Plug Valves; furnish and install one (1) 42-inch plug valve furnish and install three (3) 36-inch Plug Valves
- Provide a tapping connection to an existing 48-inch Ductile Iron Pipe force main at the intersection of NW 8th Street and North Miami Ave, including furnishing and installing a 48-inch x 36-inch tapping sleeve, a 36-inch FLG, XMJ tapping valve, complete with riser pipe, valve box and cover, and polyethylene encasement
- Cut-in connection to an existing 36-inch water main to include all cost in dewatering the existing sewage force main and hauling wastewater; making tapping connection including furnishing and installing tapping saddles and tapping valves;
- Install a pipe in a hydrocarbon contaminated area; providing a hygienist certified by the American Board of Industrial Hygiene or a State of florida Registered Engineer licensed in Environmental Discipline;
- Construct air release valve assemblies at all points of the force main;
- Relocate of existing utilities in conflict with the route of the force main
- Remove and legally dispose of unsuitable fill; furnish and install suitable backfill for pipe bedding and backfill, if needed
- Clean and test the main
- Provide temporary pavement; making permanent paving repairs to include milling and

resurfacing; providing traffic control; sidewalk, curb, and gutter restoration of any facilities damaged during construction to a condition equal or better than before the start of construction

- Provide all other appurtenant and miscellaneous items and work for a complete and fully functional installation.

The design-builder shall design and construct all ancillary piping, tapping, temporary bypass, and tie-in connections to facilitate successful construction and commissioning the new 48-inch sewer force main without any interruption of service to the existing Miami-Dade WASD's customers.

Lead Designers Minimum Qualifications:

Lead Designer Must be certified in 6.01, 16.00, & 17.00

***Are you certified in all three (3)? YES _____ NO _____

1. The **Lead Designer** firm performing the design of the force main installation must have within the last ten (10) years from the date of this solicitation designed at least three (3) pressure pipeline installation projects in an urban environment consisting of a minimum of 10,000 total linear feet of minimum 42-inch nominal diameter concrete cylinder pressure pipe (PCCP).

Do you have prior experience satisfying the above stated?

Yes _____ No _____

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

Yes _____ No _____

2. The design firm and/or sub-consultant performing the design for the deep shafts shall have designed at least one (1) deep shaft project to support a tunnel boring operation within the last ten (10) years from the date of this solicitation. The shaft shall have been at least 30-foot deep (below grade).

Do you have prior experience satisfying the above stated?

Yes _____ No _____

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

Yes _____ No _____

3. The Lead Designer firm or its sub-consultant performing design for the deep shafts shall have designed a deep shaft project to support a micro-tunneling operation. The shaft shall be at least 30-foot deep (belowgrade).

Do you have prior experience satisfying the above stated?

Yes _____ No _____

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

Yes _____ No _____

Sub-consultants:

3. Sub-consultants to the design-builder or lead designer providing services under A/E technical certification categories must provide at least three (3) projects that were completed within the last ten (10) years from the date of this solicitation that involved the main project elements for which the sub-consultant is being proposed, unless the experience and qualifications of the lead designer listed above require otherwise.

Do you have prior experience satisfying the above stated?

Yes _____ No _____

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

Yes _____ No _____

Additional Preferred Project Experience and Past Performance:

The Design-Builder teams may receive higher qualifications scores from the Competitive Selection Committee (CSC) if their submitted project experience and past performance can demonstrate any of the following listed below:

1. Listed projects are of a similar or greater size and level of complexity.
2. Any listed projects of the proposed Design-Builder entity were designed and constructed through Design-Build project delivery.
3. The Lead Constructor and Lead Designer have worked together on previous projects, particularly on Design-Build projects.
4. Key personnel, most significantly the proposed Project Manager, Design Manager and Construction Manager, have served on projects listed and their client reference can validate that performance.
5. Listed projects demonstrate capabilities and experience of utilizing soil stabilization and grouting techniques for water control during boring and shaft excavation. (This may be a specialty subcontractor).
6. Key personnel, most significantly the proposed Project Manager, Design Manager and Construction Manager, that have served on the Projects listed and their client reference can validate that performance.

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

**Design-Build Service to furnish and Install a 48-inch Force Main along
North Miami Ave from NW 8th to 36th Street and Along NE 36th Street
from North Miami Ave to NE 2nd Ave
DB14-WASD-03- Verification of Availability**

January 26, 2015

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:
