

**SBD – CM REVIEW FORM**

**To:** Business Opportunity Support Division - **Construction**  
**From:** SBD CM – Vivian Forhat-Diaz  
**Department:** WASD **Contact:** Patty David  
**Date:** 12/04/13 **RESUBMITTAL:** No

**PROJECT NUMBER:** DB13-WASD-03  
**PROJECT TITLE:** Design-Build Service for Replacement of Water Mains and Service Conversions in the Shenandoah Area (Phase A)  
**PROJECT LOCATION:** Shenandoah Area of the City of Miami.

**SCOPE OF WORK/DESCRIPTION:** Includes all labor, material, and equipment for the construction/ installation of new 8-inch water mains. Scope of work include the replacement of the existing undersized and deteriorated water mains in order to improve system pressure and provide fire flow protection, and for water service conversions (transfer of services from the rear to the front of properties) in the Shenandoah Area (Phase A) of the City of Miami. The Design-Builder shall construct all ancillary piping, tapping, temporary bypass, and tie-in connections to facilitate successful construction and commissioning the new 8-inch water mains without any interruption of service to the existing Miami-Dade Water and Sewer (WASD) customers.

**SPECIAL REQUIREMENTS:**  
**Lead Constructor** within the Design-build entity must have a minimum five (5) years total industry experience and must have constructed at least five (5) water main projects of similar size and complexity in an urban environment consisting of a minimum of 50,000 total linear feet of installation and minimum 8-inch nominal diameter of such water main installation is required.

CATEGORIES	Amount	COMMENTS
		<b>PRIME</b>
Water main Construction (includes mobilization, furnish and installation, primary connections, temporary connections, cutting and plugging exist, alley mains, and water main services in the main street areas)	\$3,298,542.00	Must meet special requirements mentioned above.
Water service conversion from rear water service to front water service	\$3,044,000.00	
Maintenance of Traffic	\$161,623.00	
		<b>Paving Contractor</b>
Pavement restoration	\$1,750,293.00	*Possible Subcontracting opportunities
Miscellaneous restorations (sidewalks, curb and gutter restoration)	\$88,292.00	
<b>Total Base Construction Cost</b>	<b>\$8,342,750.00</b>	
<b>Contingency &amp; Allowances</b>		
Contingency Allowance	\$417,137.48	
Dedicated Allowance	\$826,644.98	
Permitting	\$250,282.49	
<b>Total Construction Cost</b>	<b>\$9,836,814.95</b>	

Small Business Development Signature: *Vivian Forhat-Diaz* Date: 12/05/13

\*Trades/Sub-trades identified for possible subcontracting opportunities by SBD – CPM

WASD is recommending 16% goal CSBE participation

**SBD – CM REVIEW FORM**

To: Business Opportunity Support Division – A/E  
 From: SBD CM – Vivian Forhat-Diaz  
 Department: WASD  
 Date: 12/04/13

Contact: Patty David  
 RESUBMITTAL: No

**PROJECT NUMBER:** DB13-WASD-03  
**PROJECT TITLE:** Design-Build Service for Replacement of Water Mains and Service Conversions in the Shenandoah Area (Phase A)  
**PROJECT LOCATION:** Shenandoah Area of the City of Miami.

**SCOPE OF WORK/DESCRIPTION:** Includes surveying, geotechnical investigations, engineering, design, technical specifications, permitting, testing and commissioning services, customer contact, negotiation and agreement execution for the implementation of new 8-inch water mains. The project consists of the replacement of the existing undersized and deteriorated water mains in order to improve system pressure and provide fire flow protection, and for water service conversions (transfer of services from the rear to the front of properties) in the Shenandoah Area (Phase A) of the City of Miami.

**SPECIAL REQUIREMENTS:**  
**Lead Designer(s)** performing the design of the water main installation must have minimum five (5) years total industry experience. 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.  
**Services under Technical Certification T.C 6.01 and 16.00** must demonstrate to have designed at least five (5) projects that were completed within the last ten (10) years that involved water and sewer main installation.  
**Services under Technical Certification T.C. 3.04; 9.02; 10.05; 12.00; 15.01; 15.03 and 17.00** must demonstrate to have designed at least three (3) projects that were completed within the last ten (10) years that involved the main project element for which the Sub-consultant is being proposed.

CATEGORIES		PERCENTAGE	COMMENTS
<b>PRIME</b>			
6.01	Water and Sanitary Sewer Systems – Water Distribution and Sanitary Sewage Collection and Transmission Systems	20%	Must meet special Requirements. * Possible Small Business Participation
16.00	General Civil Engineering	25%	
<b>Sub-consultants</b>			
3.04	Highway Systems – Traffic Engineering Studies	1%	Must meet special Requirements. * Possible Small Business Participation
9.02	Soils, Foundations and Material Testing – Geotechnical and Materials Engineering Services	2%	
10.05	Environmental Engineering – Contamination Assessment and Monitoring	1%	
12.00	General Mechanical Engineering	15%	
15.01	Surveying and Mapping – Land Surveying	16%	
15.03	Surveying and Mapping – Underground Utility Location	5%	
17.00	Engineering Construction Management	15%	
		<b>100%</b>	
Total Estimated Base Cost		<b>\$1,180,417.74</b>	
Contingency Allowance		\$118,041.77	
Total Estimated cost		<b>\$1,298,459.51</b>	

Small Business Development Signature: *Vivian Forhat-Diaz* Date: 12/05/13

**\*Technical Categories identified for Small Business participation by SBD CPM**

WASD is recommending 20% for CBE goal participation.