

SBD – CM REVIEW FORM (RE-SUBMITTAL)

To: Business Opportunity Support Division – Construction

From: SBD CM Vivian Forhat-Diaz

Department: WASD

Contact: Isaac Smith

Date: 01/14/15

RESUBMITTAL: No

PROJECT NUMBER: W-930

PROJECT TITLE: South Miami Heights Water Treatment Plant Injection Well System and Upper Floridan Aquifer Test Production Well Program

PROJECT LOCATION: The South Miami Heights Water Treatment Plant, 11800 SW 208th St.; Roberta Hunter Park Wellfield, along SW 117th Avenue in Section 12, Township 56 South, Range 39 East and Section 7, Township 56 South, Range 40 East; C-1 Canal Wellfield, along the Black Creek Canal in Section 12, Township 56 South, Range 39 East.

SCOPE OF WORK/DESCRIPTION: consists of furnishing all materials, labor and equipment necessary to Construct one Class V Injection Well to a depth of approximately 3,500-ft below land surface and one Dual-Zone Monitor Well to a depth of approximately 1,850-ft below land surface at the South Miami Heights Water Treatment Plant site. Additionally, furnish all materials, labor and equipment necessary to construct one Upper Floridan Aquifer Test Production Well at the Roberta Hunter Park wellfield site, at the Black Creek Canal (C-1) wellfield site and at the South Miami Heights Water Treatment Plant site, all production wells to a depth of approximately 1,400-ft below land surface. Construct one Continuous Core Boring at the South Miami Heights Water Treatment Plant site, to a depth of approximately 1,640-ft below land surface and construct temporary drilling pads and water table monitoring wells, site preparation, site restoration, well testing, coordination with other testing performed by the Department, drilling fluid management plan and temporary fluid management system, providing temporary power, temporary facilities, and any items of materials, equipment, supplies, and all other appurtenant and miscellaneous items and work for a complete, functional, and satisfactory installation of the program. As a contingency item, construct one Upper Floridan Aquifer Test Well to a depth of approximately 1,400-ft below land surface if directed by the Engineer.

SPECIAL REQUIREMENTS: Contractor must be a State General Contractor, General Engineering Contractor, Water Well Contractor and/or other categories as applicable by Chapter 489 of the Florida Statutes or Chapter 10 of Miami-Dade County Code and must be a licensed water well driller in the State of Florida in accordance with Chapter 373, Part III, Florida Statutes, Regulation of Wells. Contractor must have experience in the State of Florida constructing three (3) or more FDEP UIC Class I injection wells to a depth of 3,000 feet below land surface or greater, and 18-inch diameter or greater, experience in the State of Florida constructing three (3) or more production wells 16-inch diameter or greater, experience in drilling in the geologic formations of South Florida, including drilling to depths greater than 2,500 feet below land surface and experience in working with wells under the high artesian pressures that will be encountered in the wells in South Florida. Additionally, bidder must have multiple drill rigs available for mobilization at different locations at the same time, if requested by the Department, or as required in these Specifications.

TRADES/SUBTRADES	AMOUNT	COMMENTS
		PRIME
Mobilization for Injection Well (SWHIW-1)	\$400,000.00	Must meet special requirements. Primary scope of work includes all line items noted.
Construction Injection Well SWHIW-1, including Reaming, Drilling, Geophysical & Specialty logging, Casing, Cement, Video survey and testing	\$6,484,000.00	
Drill Monitoring Wells	\$116,000.00	

Small Business Development Signature: *Vivian Forhat-Diaz* Date: 01/20/15

*Trades/Subtrades identified for possible subcontracting opportunities by SBD CM

WASD is recommending **No Measure** for CSBE participation.

PROJECT NUMBER: W-930 (Continuation)

TRADES/SUBTRADES	AMOUNT	COMMENTS
		PRIME
Mobilization for Dual Zone Monitor Well (SMHDZMW-1)	\$60,000.00	Must meet special requirements. Primary scope of work includes all line items noted.
Construction Monitor Well SMHDZMW-1, including Reaming, Pilot holes, Drilling, Specialty logging, Tubing, Cement, and Video survey.	\$2,375,500.00	
Mobilization for three Test Production Wells (TPW-1; TPW-2; TPW-3)	\$180,000.00	
Construction and Testing for three Productions Wells (TPW-1; TPW-2; TPW-3)	\$3,879,000.00	
Drill Monitoring Wells at the three locations	\$132,000.00	
Well Development, Step Down Testing & Aquifer Performance at the three locations	\$240,000.00	
Continuous Core Boring Mobilization	\$20,000.00	
Continuous Core Boring Construction	\$370,000.00	
Drill Monitoring Wells	\$30,000.00	
Contingency Test Well (including mobilization, Construction, Drill Monitoring wells, Well Development & Testing, Test Well Abandonment)	\$326,000.00	
Contingency Items (Standby drilling time; Additional Steel Casing; Additional Boring, Grouting & Cement for Steel Production Wells; Additional PVC Casing, Boring, Grouting & Cement; PVC Monitoring Wells)	\$704,600.00	
BASE SUB-TOTAL	\$15,317,100.00	
Contingency (10%)	\$1,531,710.00	
SUB-TOTAL	\$16,848,810.00	
Dedicated Allowance	\$1,759,513.00	
TOTAL ESTIMATED COST	\$18,608,323.00	

WASD is recommending **No Measure** for **CSBE** participation.