

SBD - CM Review Form

To:	Project Review and Analysis - A&E		
From:	SBD CM - Eddy V. Etienne Jr.		
Department:	Miami-Dade Water and Serwer Department	Contact:	Patty D. Palomo
Date:	11/4/2015	Resubmittal:	No

PROJECT NUMBER:	E15-WASD-17
PROJECT TITLE:	Hydrogeologic and Engineering Services for Disposal, Water Supply, Monitoring Wells and Aquifer Storage and Recovery Wells
PROJECT LOCATION:	

SCOPE OF WORK/DESCRIPTION: Hydrogeologic Consultant Services - Perform hydrogeologic/geologic services and consultation related to WASD's Wellfields, Injection Wells and Aquifer Storage and Recovery Wells, which can include geochemical studies, groundwater modeling, monitoring, testing, permitting, design, specialized hydrogeologic oversight during construction and other services as needed. Injection wells refer to Underground Injection Control (UIC) Class I or Class V Exploratory wells that are drilled into the Lower Floridan Aquifer, including the Boulder Zone and Cretaceous formations beneath the Lower Floridan Aquifer. New Injection Well and ASR Wells - Based on future projected wastewater disposal and reuse needs, the Consultant will provide hydrogeologic services to WASD by planning and optimizing use of current and future Class I and Class V injection and ASR well systems in the County. Injection wells refer to UIC Class I or Class V Exploratory wells that are drilled into the Lower Floridan Aquifer, including the Boulder Zone and Cretaceous formations beneath the Lower Floridan Aquifer. New Supply Wells - Perform hydrogeological and engineering services for WASD to identify new supply well locations based on future projected raw water supply needs. Supply wells refer to water production wells drilled into Biscayne and Floridan aquifers. New Monitor Wells - Perform hydrogeological and engineering services for WASD to identify new monitoring well locations for various water quality monitoring programs. Monitoring wells refer to wells drilled into Biscayne and Floridan aquifers or other aquifers for monitoring purposes.

SPECIAL REQUIREMENTS: A Prime Consultant submitting should be a full service hydrogeologic and engineering firm experienced in the projects in Southeast Florida providing potable water, Class I and Class V Injection Well and Aquifer Storage and Recovery systems and monitoring well networks design, permitting and construction experience with a specific emphasis on projects of similar size and complexity. The successful experience on the above items shall be demonstrated with past projects completed prior to the date of this solicitation. The Prime Consultant shall provide a list of members of the proposed team, identifying the project/contract Manager and the team leaders for key specialties. Resumes should be provided for such key team leaders. The Prime Consultant should also consider including alternates (with similar experience) for the key team leaders in the event a substitution is required.

- Provide qualifications to demonstrate the Prime and/or Subconsultant has a minimum experience of:
- At least five (5) years' experience in providing professional hydrogeologic/engineering services, potable water system and injection well design services in South Florida.
 - At least three (3) projects in South Florida requiring potable water system hydrologic and/or solute transport modeling experience on systems of equal or greater than 10 MGD.
 - At least three (3) projects in South Florida providing potable water system design, permitting and construction experience on systems of equal or greater than 10 MGD.

Initial: EE

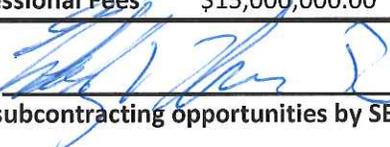
Date: 11-4-15

- At least three (3) projects in South Florida showing experience in the design, permitting and construction management of Class I Boulder Zone Injection Wells and Class V Aquifer Storage and Recovery Wells.
- At least one (1) project in Florida showing experience in the design, permitting and construction management of UIC Class I Injection Wells and Class V Exploratory Wells into the Boulder Zone but preferably experience with Cretaceous formations below the Lower Floridan Aquifer.

For projects which the Prime Consultant has served as the design consultant, the Prime Consultant shall provide the name and contact information for a Utility Executive with the Utility they served as the design consultant who can confirm their role. The descriptions shall include the client (i.e., municipality or agency), key project staff, the project name, a summary of the work performed, the contract amount, the schedule (to include start and completion dates), the specific role of the prime firm, the achievements (e.g., projects delivered on schedule, dollars saved, innovative designs implemented, new technology utilized) and a client reference and contact information.

The Subconsultants shall provide a description of at least one (1) project(s) that is relevant to this Scope of Work within the past five (5) years from the date of this solicitation specific to their proposed responsibilities. The descriptions shall include the client (i.e., municipality or agency), key project staff, a summary of the work performed, the contract amount, the schedule (to include start and completion dates), the specific role of the Subconsultant firm, the project's achievements and client reference and contact information.

CATEGORIES	PERCENTAGE	COMMENTS
PRIME		
6.01 Water and Sanitary Sewer Systems-Water Distribution and Sanitary Sewage Collection and	5.00%	Must meet special requirements
6.03 Water and Sanitary Sewer Systems - Water and Sanitary Sewage Treatment Plants	5.00%	
10.02 Environmental Engineering - Geology Services	40.00%	
10.04 Environmental Engineering - Chemistry Services	15.00%	
10.09 Environmental Engineering - Wellfield, Groundwater, and Surface Water Protection and Management	15.00%	
SUB-CONSULTANT		
10.02 Environmental Engineering - Geology Services	10.00%	*Possible Small Business Participation
10.05 Environmental Engineering - Contamination Assessment and Monitoring	5.00%	
15.01 Surveying and Mapping - Land Surveying	1.00%	
16.00 Gneral Civil Engineering	4.00%	
Total Percentage	100.00%	
Total Estimated Professional Fees	\$15,000,000.00	

Small Business Development CM Signature: 

Date: 11-4-15

*Trades/Sub-Trades identified for possible subcontracting opportunities by SBD CM

WASD is recommending 20%

Initial: ET

Date: 11-4-15