

SBD – CM REVIEW FORM

To: Business Opportunity Support Division – A/E

From: SBD CM – Vivian Forhat-Diaz

Department: WASD

Date: 02/05/14

Contact: Patty David

RESUBMITTAL: No

PROJECT NUMBER: E13-WASD-11

PROJECT TITLE: Owner's Representative for Professional Engineering Services relating to the State of Florida's Ocean Outfall Legislation and Miami-Dade County's Wastewater System.

PROJECT LOCATION: County Wide

SCOPE OF WORK/DESCRIPTION: Validate the capital program for the Wastewater Treatment Plants (WWTP) and Wastewater Collection and Transmission System (WCTS); Outline, identify and/or develop preliminary policies, procedures, and practices that establish the means and methods to meet the requirements of the OOL Program; Identify potential risks that may have an impact on the implementation of the Capital Improvement Program (CIP) and provide a mitigation plan; Advise and provide, strategic and day-to-day oversight and direction to the OOL Outfall CIP; Prepare and maintain a Program Management Plan for use by the Program Team, including the various consultants assisting WASD with the Capital Improvement Program (CIP) implementation; Coordinate and assist WASD with Wastewater Facilities Master Planning; Establish standards and guidelines for cost-estimating; Develop and manage the program master schedule and task schedules, including phasing work appropriately to meet OOL requirements and future demand projections; Develop monthly progress reports; Work with WASD to establish and implement both a physical and an electronic central OOL Program document library, developing templates for documents and reports to ensure consistency; Assist and support WASD with various related task; Perform value engineering; Provide assistance to WASD, as-needed, with permits, regulatory and environmental review; Assist WASD in the review of design documents; Oversee and support the design and construction administration phases of the capital program as needed and as required by WASD; Provide construction managers, construction coordinators, construction engineers, start-up specialists, inspectors, safety officers and administrative personnel for the successful execution of the OOL Program and associated WWTP and WCTS capital program; Aid in the integration of consultant staff with WASD staff; Provide financial and economic review and oversight during the course of the program; Evaluate and reconcile scope and other technical aspects and/or conflicts with the CD requirements; Prepare Basis of Design Reports (BODRs) for specific projects as required by WASD and the program; Advise WASD and recommend the best construction delivery method for the various projects identified in the Plan; Assist WASD in achieving LEED Certification as mandated by the County for sustainable development for all of the qualifying projects to be executed under the Program.

SPECIAL REQUIREMENTS: **Prime Consultant** must hold Technical Categories 6.01, 6.02, 6.03 & 17.00 and shall have experience in all phases of wastewater engineering. **Prime Consultant** shall be experienced with Programs and Construction Management Service, as well as planning, implementing and managing similar programs of a similar size within the last ten (10) years and must have been a Program Manager on a Wastewater Capital Program with a major utility within the last ten (10) years from the date of the solicitation. **Prime Consultant** shall also have successful experience in all phases of wastewater engineering related services. **Prime Consultants** (whether responding alone or as a joint venture) shall be able to provide at least one (1) example where they provided a comprehensive construction management team for the upgrade of similar wastewater treatment facilities with a minimum combined capital program of nine hundred million dollars (\$900,000,000.00), which could be for more than one project or more than one firm and the upgrade of a wastewater collection and transmission system and reclaimed water systems, including deep injection wells and pump stations with a minimum combined capital program of four hundred million dollars (\$400,000,000.00), combined between several projects and/or Prime team members.

Prime Consultant should have successful experience with design and commissioning of wastewater treatment plant upgrades of similar scope and complexity within the last ten (10) years from the date of this solicitation and shall have successfully designed, constructed and operating at least one (1) major new or upgraded wastewater treatment plant in which the Prime Consultant has served as the designer within the past ten (10) years from the date of this solicitation.

Subconsultants: shall have performed at least one (1) program or project that is relevant to this Scope of Work within the past ten (10) years from the date of this solicitation specific to their proposed responsibilities.

Project: E13-WASD-11 (Continuation)

CATEGORIES	PERCENTAGE	COMMENTS
PRIME		
6.01 Water and Sanitary Sewer Systems – Water Distribution and Sanitary Sewage Collection and Transmission Systems	10%	Must meet special Requirements. * Possible Small Business Participation
6.02 Water and Sanitary Sewer Systems – Major Water and Sanitary Sewage Pumping Facilities	10%	
6.03 Water and Sanitary Sewer Systems – Water and Sanitary Sewage Treatment Plants	24%	
17.00 Engineering Construction Management	5%	
Sub-consultants		
9.01 Soils, Foundations and Material Testing – Drilling, Subsurface Investigations and Seismographic Services	1%	Must meet special Requirements. * Possible Small Business Participation
9.02 Soils, Foundations and Material Testing – Geotechnical and Materials Engineering Services	1%	
9.04 Soils, Foundations and Material Testing – Non-Destructive Testing and Inspections	1%	
10.05 Environmental Engineering – Contamination Assessment and Monitoring	1%	
11.00 General Structural Engineering	12%	
12.00 General Mechanical Engineering	12%	
13.00 General Electrical Engineering	10%	
14.00 Architecture	6%	
15.01 Surveying and Mapping – Land Surveying	1%	
16.00 General Civil Engineering	4%	
18.00 Architectural Construction Management	1%	
19.06 Value Analysis and Life-Cycle Costing – Water and Sanitary Systems	1%	
	100%	
MAXIMUM AWARD (12 years)	\$140,000,000.00	

Small Business Development Signature: *Jillian Forbet* Date: 03/07/14

*Categories identified for Small Business opportunities by SBD CM

WASD is recommending 22% CBE goal participation