

SBD - CM Review Form

To:	Project Review and Analysis - A&E	Contact:	Patty Palomo
From:	SBD Engineer - Eric Perez	Resubmittal:	
Department:	WASD		
Date:	3/9/2021		

PROJECT NUMBER:	Project No. E21-WASD-01
PROJECT TITLE:	Engineering Services for Upgrades to Miami-Dade's Wastewater Treatment Plants and their Appurtenant Facilities - Project No. E21-WASD-01
PROJECT LOCATION:	Various Location

SCOPE OF WORK/DESCRIPTION: WASD is seeking one (1) engineering firm to provide engineering services for proposed upgrades to Miami-Dade's wastewater treatment plants and their appurtenant facilities. A detailed scope of services is attached as "Notice to Professional Consultants." The term for the Non-Exclusive Professional Services Agreement (PSA) is six (6) years with one (1) two (2) year option-to-renew. The Maximum compensation for this PSA is ten million dollars (\$10,000,000), plus a ten percent (10%) contingency allowance in accordance with Ordinance 00-65. No minimum work or compensation will be assured to the retained Consultant.

The scope of work consists of engineering services including but is not limited to, planning, design, design services during construction and construction management of capital Improvements within the three existing wastewater treatment plants and their appurtenant facilities. Capital improvements may include plant upgrades and expansion and may include renewal and replacement projects for the plant's existing facilities. Engineering services during the design phase may include performing preliminary site investigations, surveying, hydraulic and process modeling and analysis, coordination with other utilities, preparation of design reports, preparation of drawings, and contract specifications for structural, mechanical, electrical and instrumentation projects. Services during the permitting and procurement phases may include obtaining dry-run permits and participation in obtaining final environmental and building permits. Construction management services are required to provide technical support during construction, including site inspections and attendance at meetings, review of shop drawings, processing payment requisitions, responding to Information requests, review of claims and potential change orders, review of contract schedules and schedule of values, and review of as-built drawings. Project coordination services are anticipated to include, establishing a plan to implement projects, establish and track project schedules, budgets and deadlines, prepare status reports and attend meetings as requested.

SPECIAL REQUIREMENTS: A Prime Consultant submitting a proposal shall be experienced in all phases of wastewater engineering, including design, permitting, construction, and operation and maintenance of wastewater treatment and disposal systems. The Prime Consultant should also have experience with design and commissioning of wastewater treatment plant upgrades of similar scope and complexity. The Prime Consultant shall have successfully designed and constructed at least one (1) major new or upgraded wastewater treatment plant(s) of similar size and scope as in this solicitation, which is currently in operation and in which the Prime Consultant was the designer. The Subconsultants shall have at least one (1) project(s) that is relevant to this scope of work specific to their proposed responsibilities. The firms providing engineering services must be certified in the following technical categories for their respective disciplines.

CATEGORIES	PERCENTAGE	COMMENTS
PRIME		
TC 6.03 Water and Sanitary Sewage Treatment Plants	5	*Possible opportunities for Small Businesses *Possible opportunities for Small Businesses
TC 11.00 General Structural Engineering	10	
TC 12.00 General Mechanical Engineering	30	
TC 13.00 General Electrical Engineering	5	
TC 16.00 General Civil Engineering	10	
TC 17.00 Engineering Construction Management	10	
SUB-CONSULTANT		
TC 6.01 Water and Sanitary Sewer Systems - Water Distribution and Sanitary Sewage Collection and Transmission Systems	10	*Possible opportunities for Small Businesses
TC 6.02 Water and Sanitary Sewer Systems - Major Water and Sanitary Sewer Pumping Stations	5	
TC 10.05 Environmental Engineering - Contamination Assessment and Monitoring:1	5	
TC 15.01 Surveying and Mapping - Land Surveying	10	
Total Estimated Professional Fees		\$10,000,000.00

Small Business Development CM Signature:

Eric Perez

Date: 3/9/2021

***Prime/Sub-Consultants identified for possible opportunities by SBD A/E**

WASD is recommending **20%**