

ATTACHMENT

NOTICE TO PROFESSIONAL CONSULTANTS FOR ENGINEERING PLANNING, DESIGN, CONSTRUCTION MANAGEMENT, AND RELATED SERVICES FOR THE WATER AND WASTEWATER DISTRIBUTION AND COLLECTION SYSTEMS

NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENT

The consultants will perform professional engineering services to the Water and Sewer Department as follows:

Scope of Work:

The Miami-Dade Water and Sewer Department seeks the services of multiple Consultants for the study, planning, design, permitting, construction management, inspections, and related services of water and wastewater distribution and collection systems. The Design Consultants shall provide, but not be limited to, engineering evaluations, planning services, engineering design, existing utility location, topographic survey, permitting services, engineering specifications, addendums, and construction support.

The project will include all Collection and Distribution system assets within the Department's water and wastewater service areas. This includes, but is not limited to, water mains, force mains, gravity sewer, water pump stations, sewer pump stations, trenchless pipelines, and rehabilitation technologies. It will also encompass ancillary engineering services including, but not limited to, coordination and evaluation of volume sewer and water customer service areas, roadway and pavement design, maintenance of traffic, and signal designs. The design consultants being procured will be able to develop construction documents, studies, and perform all engineering services required within the water distribution and collection system. This shall include regional assets outside of the treatment plants (i.e. Pump Station 1, water booster stations, etc.). The design consultants may also work within the treatment plants if the scope of work includes piping or pumps that are connected to the distribution or collection systems.

The scope is intended to construct or upgrade existing Water and Sewer facilities and will require the Design Consultants to perform Engineering Design on all phases of the project. The scope may include, but not be limited to, renewal and replacement projects; performing preliminary site investigations; surveying; hydraulic modeling and analysis; coordinating with other utilities; preparing design reports; evaluation of existing equipment condition; capacity analysis, evaluation of useful life expectancy; design services for renovations; preparation of drawings; preparation of contract specifications, structural engineering; mechanical engineering; electrical engineering. The scope may also include, but not be limited to, obtaining

dry-run permits; obtaining final environmental and building permits; coordination with Department forces; Construction Management Services; providing technical support during construction; 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.

Experience and Qualifications – Standard Professional Services Agreements

A Prime Consultant submitting should be a full-service engineering firm experienced in the planning, design, permitting and construction management of pipelines and pump stations for water and sewer. The Prime Consultant should also have experience with the Planning, Design and Construction of water distribution mains, sewage force mains, gravity sewers, and pump stations of various sizes.

The Prime Consultant shall provide descriptions of at least five (5) successfully designed, constructed and operating distribution and collection system projects. At least one (1) project shall be a water main within the past five (5) years, one (1) project shall be a force main within the past five (5) years, one (1) project shall be a gravity sewer within the past five (5) years; one (1) project shall be a pump station within the past five (5) years.

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 Consultant, 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 completed prior to 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.

Experience and Qualifications – “Set-Aside” (Small Business) Professional Services Agreements

A Prime Consultant submitting should be a full-service engineering firm experienced in the planning, design, permitting and construction management of pipelines and pump stations for water and sewer. The Prime Consultant should also have experience with the Planning, Design and Construction of water distribution mains, sewage force mains, gravity sewers, and pump stations of various sizes.

The Prime Consultant shall provide descriptions of at least three (3) successfully designed, constructed and operating distribution and collection system projects. At least one (1) project

shall be a water main within the past five (5) years and one (1) project shall be a pump station within the past five (5) years.

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 Consultant, 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 completed prior to 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.

A/E TECHNICAL CERTIFICATION REQUIREMENTS

Prime

- 6.01 Water and Sanitary Sewer Systems – Water Distribution and Sanitary Sewage Collection and Transmission
- 6.02 Water and Sanitary Sewer Systems – Major Water and Sanitary Sewage Pumping Facilities
- 16.00 General Civil Engineering
- 17.00 Engineering Construction Management

Prime and/or Subconsultants

- 9.02 Soils, Foundations and Materials Testing – Geotechnical and Materials Engineering Services
- 10.09 Environmental Engineering – Wellfield, Ground Water and Surface Water Protection and Management
- 11.00 General Structural Engineering
- 12.00 General Mechanical Engineering
- 13.00 General Electrical Engineering
- 15.01 Surveying and Mapping – Land Surveying

WASD intends to retain ten (10) qualified firms under ten (10) Non-Exclusive Professional Services Agreements (PSA's) for this Design and Related Services of the Water and Sewer Distribution and Collection System. The proposals received for this project will be reviewed and ranked by the Competitive Selection Committee (CSC) members.

WASD also intends to retain five (5) qualified SBE firms under five (5) Non-Exclusive Professional Services Agreements (PSA's) for this Design and Related Services of the Water and Sewer Distribution and Collection System. The proposals received for this project will be reviewed and ranked by the Competitive Selection Committee (CSC) members.

The term for these PSA's is a five (5) year period, with one two-year extension. The maximum compensation for the standard PSA's is \$6,000,000, each, plus contingency in accordance with Ordinance 00-65. The maximum compensation for the Set-Aside (SBE) PSA's is \$3,000,000, each, plus contingency in accordance with Ordinance 00-65.

No minimum amount of work or compensation will be assured to the retained Consultant. The County reserves the right to re-use the work products of the retained Consultant and to retain other Consultants to provide the same or similar services at its sole discretion.