

ATTACHMENT

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

NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENT

The consultant 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 a Consultant for the study, planning, design, permitting, construction management, inspections, and related services of water and wastewater collection and distribution systems. The Design Consultant shall provide, but not be limited to, Engineering Design, existing utility location, topographic survey, permits, specifications, addendums, and construction support.

The work is intended for projects that have secured external funding or loans that can be used for consulting fees. There is no guarantee that the Department will obtain the funding and proceed to award the work to the Design Consultant. This Contract will seek to have the Design Consultant in place that can satisfy funding requirements to begin work once the funding is obtained. However, the Department may, at its sole discretion, utilize this contract for non-grant funded projects.

The project will include all Collection and Distribution system assets within the Departments water and wastewater service areas. This includes, but is not limited to, water mains, force mains, gravity sewer, water pump station, sewer pump stations, and 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.

Projects to construct or upgrade existing Water and Sewer facilities will require the Design Consultant to perform Engineering Design on all phases of the project. The improvements may include, but are not 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 and useful life expectancy; design services for selected plant upgrades and/or renovations; preparation of drawings, and contract specifications for structural, mechanical and electrical projects;

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permitting to include obtaining dry-run permits and participation in obtaining final environmental and building permits; coordination with Department forces; Construction Management Services to provide technical support during construction to include 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

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 pipeline projects. At least one (1) project shall be a pipeline of 36-inches or larger within the past five (5) years. The Prime Consultant shall also provide descriptions of at least three (3) successfully designed, constructed and operating pump station projects.

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

BREAKDOWN LIST

WASD intends to retain one (1) qualified firm under one (1) Non-Exclusive Professional Services Agreement (PSA) for this Design and Related Services for the Design of Water and Sewer Pipelines with Grant Funding. The proposals received for this project will be reviewed and ranked by the Competitive Selection Committee (CSC) members.

The term for this PSA is a five (5) year period. Maximum compensation for this PSA is \$10,000,000, 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.

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