

Date: September 16, 2020

To: Gary Hartfield, Division Director
Small Business Development
Internal Services Department

From: Achaya Kelapanda *AK*
Assistant Director
Department of Solid Waste Management

Subject: ISD Project No: A-20-DSWM-01
Project Name: Professional Engineering Services for Department of Solid Waste Management's Mosquito Control Complex
Description: Upcoming Solicitation for Architectural and Engineering Services
Contract Number: 16469-DSWM20-PSA

The Department of Solid Waste Management (DSWM) is requesting that the subject project be reviewed for Small Business Enterprise (SBE) measures for Architectural and Engineering (A/E), in order to proceed with the advertisement and subsequent consultant selection for this project.

Scope of Services

DSWM has a need to establish a Professional Services Agreement (PSA) to provide engineering services for final design and the preparation of a complete set of construction documents for DSWM's Mosquito Control Complex.

Elements of the work include, but are not limited to, preparation of a complete set of construction documents, approved by the corresponding building authority, technical specifications, preparation of the engineer's estimate of probable construction cost, technical assistance throughout the bid and award process, and technical support during construction. The scope of work shall include all the necessary coordination with all involved agencies and organizations, including but not limited to, Miami-Dade Department of Solid Waste Management, pertinent municipalities and institutions and all the appropriate permitting agencies. Elements of the work include, but are not limited to, topographic, boundary, tree surveys, identification of setbacks, right-of-way, and easements, geotechnical study, demolitions, building architecture and engineering, site development, including existing utility identification and relocation, as required, storm water management, lighting, and landscaping. The Project is located on a portion of a closed landfill site and requires the design of biosafety 2 rated laboratories, and other related biological laboratory facilities.

Services will consider the following:

- Local impacts of expected future sea level rise.
- Roofing materials shall comply with the Miami-Dade County Board of County Commissioners "Cool Roofs" Resolution, No. R-54-18.
- The design shall comply with Miami-Dade I.O. No. 8.8, "Sustainable Buildings Program" per which all new construction projects shall be required to attain "Silver" or higher-level rating under the LEED-NC Rating System.

Cost Estimate

The total base estimated fee for professional services is \$569,800.00 and the contingency allowance in accordance with Section 2-8.1 of the County Code is \$56,980.00 for a total cost estimate of \$626,780.00.

The Prime Consultant's team must be certified in the technical categories listed below. The Architectural and Engineering Section of ISD reviewed the technical certifications and provided concurrence.

<u>TYPE</u>	<u>CODE</u>	<u>DESCRIPTION</u>	<u>TC %</u>	<u>SBE TC %</u>
Prime	14.00	ARCHITECTURE	10	
Prime	18.00	ARCHITECTURAL CONSTRUCTION MANAGEMENT	10	
Other	9.02	SOILS, FOUNDATIONS AND MATERIALS TESTING - GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES	5	5%
Other	10.01	ENVIRONMENTAL ENGINEERING - STORMWATER DRAINAGE DESIGN ENGINEERING SERVICES	5	
Other	10.03	BIOLOGY SERVICES	5	
Other	10.05	ENVIRONMENTAL ENGINEERING – CONTAMINATION ASSESSMENT AND MONITORING	5	
Other	10.08	PATHOGEN AND CONTAMINANT RISK ANALYSIS	5	
Other	11.00	GENERAL STRUCTURAL ENGINEERING	10	
Other	12.00	GENERAL MECHANICAL ENGINEERING	10	
Other	13.00	GENERAL ELECTRICAL ENGINEERING	10	
Other	15.01	SURVEYING AND MAPPING - LAND SURVEYING	5	5%
Other	15.03	SURVEYING AND MAPPING – UNDERGROUND UTILITY LOCATION	5	5%
Other	16.00	GENERAL CIVIL ENGINEERING	10	
Other	20.00	LANDSCAPE ARCHITECTURE	5	5%
TOTAL			100	20%

DSWM is recommending a 20% SBE A/E goal. Should you have any questions or require additional information, please contact Karina Careaga, Division Chief 3, Procurement and Contract Management Division or Ivonne Andres, Dept. Contracts & Procurement Manager at (305) 514-6680.

cc: Pablo Valin, ISD
 Laurie Johnson, SBD/ISD