

Date: August 17, 2022

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

From: Achaya Kelapanda *Achaya Kelapanda*
Deputy Director - Operations
Department of Solid Waste Management

Subject:

ISD Project No:	E22-DSWM-03
Project Name:	Professional Engineering Services for Department of Solid Waste Management's South Dade Solid Waste Management Complex
Description:	Upcoming Solicitation for Architectural and Engineering Services
Contract Number:	18472-DSWM22-PSA

The Department of Solid Waste Management (DSWM) request 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 the design and preparation of a complete set of construction documents for DSWM's Waste Facility Complex (the "Project"), The new complex will be located at DSWM's old South Dade landfill (West of 9350 SW 248th Street, Miami FL 33170), and includes designing a new transfer station building, administration building, Internal Service Department (ISD) maintenance building, scale facility, customer drop-off area (CDA), household hazardous waste collection center (HHW), and parking facility. The waste and soils at this site must be compacted and stabilized prior to building the new facilities.

Elements of the work include, but are not limited to, designing, environmental permitting, preparation of a complete set of construction documents for approval by the building authority, bid documents, technical specifications, preparation of the engineer's estimate of probable construction cost, technical assistance throughout the bid and award process, technical support during construction and construction management. The scope of work shall include all the necessary coordination with all involved agencies and organizations, including but not limited to, DSWM, pertinent municipalities and institutions and all the appropriate permitting agencies. Elements of the work include but are not limited to: (i) topographic, and boundary surveys; (ii) identification of setbacks, right-of-way, and easements; (iii) geotechnical study, building architecture and engineering; (iv) waste compaction/consolidation, (v) site development, including existing utility identification and relocation, as required; (vi) storm water management; (vii) lighting; and (viii) landscaping.

Services will consider the following:

- Local impacts of expected future sea level rise and local flooding.
- 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 Implementing Order 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 bond engineering services is \$15,000,000 inclusive of the contingency allowance in accordance with Section 2-8.1 of the County Code.

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	07.00	SOLID WASTE COLLECTION AND DISPOSAL SYSTEMS	49.5	
PRIME	16.00	GENERAL CIVIL ENGINEERING	30	
OTHER	17.00	ENGINEERING CONSTRUCTION MANAGEMENT		5
OTHER	10.01	STORMWATER DRAINAGE DESIGN ENGINEERING SERVICES		2
OTHER	11.00	GENERAL STRUCTURAL ENGINEERING		3
OTHER	12.00	GENERAL MECHANICAL ENGINEERING		2
OTHER	13.00	GENERAL ELECTRICAL ENGINEERING		2
OTHER	14.00	ARCHITECTURE		2
OTHER	3.09	SIGNING, PAVEMENT MARKING, AND CHANNELIZATION		0.5
OTHER	6.01	WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION		0.5
OTHER	9.02	GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES		1
OTHER	10.05	CONTAMINATION ASSESSMENT AND MONITORING		1
OTHER	15.01	LAND SURVEYING		0.5
OTHER	15.03	UNDERGROUND UTILITY LOCATION		0.5
OTHER	20.00	LANDSCAPE ARCHITECTURE		0.5
		TOTAL	79.5%	20.5%

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