

Date: September 6, 2023

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

From: John Wong
Assistant Director
Department of Solid Waste Management 

Subject:

ISD Project No:	E23SW01
Project Name:	Professional Engineering Services for Department of Solid Waste Management's South Dade Landfill Cell 4 Closure
Description:	Upcoming Solicitation for Architectural and Engineering Services
Contract Number:	18560-DSWM23-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, permitting, bidding support and support during construction for the closure of South Dade Landfill Cell 4 Closure located at 23707 SW 97th Avenue, Homestead, FL 33032.

Elements of the work include, but are not limited to the following:

Design and Permitting:

- Landfill cell closure plan conforming to Chapter 62.701 of the Florida Administrative Code (F.A.C.), including closure design plan, technical specifications, and Construction Quality Assurance for the installation of the final cover system and long-term care plan.
- Obtain permits required by the Florida Department of Environmental Protection, Miami-Dade Regulatory and Economic Resources (RER) and any other regulatory authorities.
- Construction drawings for the final cover system, storm water control, gas system, landscaping, roadways and site access control and security.
- Land survey

Construction:

- Assist DSWM during the bidding and award recommendation process.
- Assist DSWM in managing and supervising the construction process.
- Conduct Bi-weekly construction meetings.
- Measure constructed quantities for payments.
- Monitor all construction activities.
- Attend construction meetings and other coordination meetings, as necessary.
- Provide quality assurance and quality control of the final cover system to meet requirements of subsections 62-701.400(7) and (8) of F.A.C.
- Provide inspection, witnessing of critical activities, approval of testing and analyses results/reports that may be necessary to certify conformance with required acceptance criteria for all construction and installations to include, but not limited to, installation of gas management and/or other monitoring systems, tie-in and modifications to landfill gas system, and installation of final cover.

- Review and approve shop drawings.
- Produce as built drawings.
- Respond to requests for information (RFI) from the Contractor and evaluate and disposition conditions deviating from, or non-conforming with, the approved design.
- Generate progress, quality and other reports.
- Prepare Certification Report at completion of project, per subsection 62-701.400(7) of F.A.C.

Independent value engineering analysis for different design options shall be provided as part of this contract, per Administrative Order AO3-26, "Value Analysis/Engineering Studies".

Cost Estimate

The total base estimated fee for bond engineering services is \$2,750,000.00 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	50	
PRIME	17.00	Engineering Construction Management	30	
OTHER	9.02	Soils, Foundations and Materials Testing - Geotechnical and Materials Engineering Services		10
OTHER	15.01	Surveying And Mapping - Land Surveying		5
OTHER	19.07	Value Analysis and Life-Cycle Costing – Solid Waste Collection and Disposal Systems		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