

SBD - CM Review Form

To:	Project Review and Analysis - A&E		
From:	SBD Engineer - Eric Perez		
Department:	DSWM	Contact:	James Wong
Date:	9/6/2023	Resubmittal:	

PROJECT NUMBER:	Project No. E23WS01
Professional Engineering Services for Department of Solid Waste Management's South	
PROJECT TITLE:	Dade Landfill Cell 4 Closure
PROJECT LOCATION:	23707 SW 97th Avenue, Homestead, FL 33032

SCOPE OF WORK/DESCRIPTION: 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 A03-26, "Value Analysis/Engineering Studies".

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

CATEGORIES	PERCENTAGE	COMMENTS
PRIME		
TC 7.00 Solid Waste Collection and Disposal System	50	
TC 17.00 Engineering Construction Management	30	
SUB-CONSULTANT		
TC 9.02 Soils, Foundations and Material Testing - Geotechnical and Materials Engineering Services	10	*Possible opportunities for Small Businesses
TC 15.01 Surveying and Mapping - Land Surveying	5	
TC 19.07 Value Analysis and Life-Cycle Costing-Solid Waste Collection and Disposal System	5	
	100	
Total Estimated Professional Fees	\$2,750,000.00	

Small Business Development CM Signature: Eric Perez Date: 9/26/2023
***Prime/Sub-Consultants identified for possible opportunities by SBD A/E**
DSWM is recommending **20%**