

Memorandum



Date: March 24, 2021

To: Gary Hartfield, Division Director
Small Business Development

From: Karina Careaga *KAC*
Division Chief, Procurement and Contract Management
Department of Solid Waste Management (DSWM)

Subject: Recommendation for 7360 Miscellaneous Construction Contract Services for
RPQ No. 17032-21, Department of Solid Waste Management's (DSWM)
South Dade Landfill Gas System Expansion

The Department of Solid Waste Management (DSWM) respectfully requests that the Division of Small Business Development (SBD) re-evaluate RPQ No. 17032-21 Department of Solid Waste Management's (DSWM) South Dade Landfill Gas System Expansion to assign a Small Business Enterprise-Construction (SBE-CON) measure to proceed with the advertisement and subsequent bidding of the solicitation under the 7360 Miscellaneous Construction Contract.

Scope of Work:

Furnish all labor, materials, equipment, tools, transportation, services, incidentals, and performing all work necessary to complete the project, in place and ready for service in accordance with the plans and specifications prepared for Miami-Dade County Department of Solid Waste Management's Gas Collection and Control System Expansion South Dade Landfill. The project's scope is specialized work that includes the construction of a landfill gas extraction system. Major tasks include mobilization and demobilization of equipment, labor, and construction of temporary facilities; installation of LFG components, which include but are not limited to gas extraction wells, header pipes, lateral pipes, control valves, and condensate drains; installation of a blower/flare station and demolition of existing LFG control facilities; Surveying/Record Documentation. The Work shall be performed in strict accordance with the applicable requirements of the federal, state and local agencies having jurisdiction, and environmental observations.

In addition, the Contractor must meet the below requirements:

Contractor is required to have experience in three (3) gas collection and control systems projects.

The construction cost estimate for this project is \$2,697,305.00 which excludes a 10% Allowance Account for Unforeseen Changes for \$269,730.50 and Dedicated Allowance Accounts for \$77,000.00.

The SBD recordation is a No Measure SBE-Con measure, and a 1.73% SBE-Service Sub-Contractor Goal in Surveying Services. Community Workforce Program goal is not applicable because the project does falls within a Designated Target area.

Attached is the cost breakdown inclusive of construction services and cost of materials for reference purposes.

Should you require additional information, please contact Ivonne Andres at iva@miamidade.gov or at (305) 514-6680.

c: Laurie Johnson

DEPARTMENT INPUT
CONSTRUCTION CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

Check applicable Ordinance(s): 90-143 Responsible Wage and Benefits 03-237 (formerly 03-1) Community Workforce Program

PROJECT INFORMATION See attachment

Contract/Project/*Work Order No.: RPO NO. 17032-21
 *Reference corresponding project number when submitting a work order

Contract/Project Title: DSWM South Dade Landfill Gas System Expansion

Description/Scope of Work: See Attached

Estimated Cost: 2,697,305.00 **Funding Source:** General funds

Location of Project (street address or beginning and ending points) i.e. **South Dade Landfill, 23707 SW 97th Avenue, Homestead, FL 33032**



PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CWP) See attachment

Trade/Skills Required Engineer/Department or Agency's estimated	Est. # of workforce required per trade required workforce for Project Work Order	Est. # of total days to complete job
Surveying (Services)		
Sodding (Services)		
HDPE Pipe (Goods)		

Comments:..

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability
SBE-Cons	\$	0%	
SBE-G&S	\$	1.73%	
	\$	%	

RECOMMENDATION

Set-Aside: Level 1 Level 2 Level 3 Trade Set-Aside Sub-Contractor Goal Workforce Goal No Measure

Basis for Recommendation: Due to limited availability, it has been determined that the suggested measures per the attached is appropriate for this project.

Date submitted to DBD: 03/24/2021

Contact Person: Achaya Kelapanda

Telephone No.: 786-514-6687

SECTION 01010 (01 11 00)
SUMMARY OF WORK

PART 1 - GENERAL

1.1 Project Locations and Access

A. Project Location:

1. The Site (also referred to as Project Site) is the South Dade Landfill (Landfill) owned and operated by Miami-Dade County Department of Solid Waste Management. The physical address is:

South Dade Landfill
23707 SW 97th Avenue
Homestead, FL 33032

1.2 Scope of Work

- A. General: The work included in the contract consists primarily of the construction of a landfill gas extraction system. The work is more fully detailed in the Plans and Specifications included herein.
- B. Principal Features include:
1. Mobilization and demobilization of equipment, labor, and construction of temporary facilities.
 2. Installation of LFG components, which include but are not limited to gas extraction wells, header pipes, lateral pipes, control valves, and condensate drains.
 3. Installation of a blower/flare station.
 4. Demolition of existing LFG control facilities.
 5. Surveying/Record Documentation.
- C. The above description of the Work is for general information only and does not limit the responsibility of the CONTRACTOR to accomplish the Work in strict accordance with the Plans and Specifications.
- D. Environmental Observations: The Work shall be performed in strict accordance with the applicable requirements of the federal, state and local agencies having jurisdiction, and in accordance with the requirements of the

Construction Drawings, General Conditions, Supplementary Conditions, and these Specifications.

1.3 Existing Site Conditions

- A. The CONTRACTOR is advised that construction of this project is at the Landfill and may entail working in, on and adjacent to buried solid wastes and refuse. As buried organic materials decompose anaerobically, they generate landfill gas (LFG). This LFG (or biogas) normally consists of about 45 percent carbon dioxide (CO₂), 55 percent methane (CH₄) and other gases that may include volatile organic compounds (VOCs), depending on the composition of the buried materials. Occasionally hydrogen sulfide (H₂S) or other toxic gases have been encountered at some landfills even though the site was not classified as a hazardous waste disposal site.
- B. The Landfill is permitted for the disposal of "nonhazardous solid waste." Notwithstanding the above, the OWNER cannot guarantee that toxic or hazardous materials or vapors will not be encountered by the CONTRACTOR during the performance of this project.

1.4 Construction Drawings

- A. Where "as shown," "as detailed," "as noted," or words of like meaning are used in the Construction Documents, it shall be understood that reference is being made to the Construction Drawings unless otherwise specified.

1.5 Codes and Standards

- A. All work to be done and materials and equipment transported, handled, stored or installed shall be done in strict conformance with the applicable orders, rules and regulations of the United States Government, State of Florida, and with all other County, City, or District requirements. Nothing contained in these specifications or shown or noted on the plans shall be construed to permit work not conforming to these orders, rules and regulations.
- B. When plans or specifications call for material or construction of a better quality or larger size or capacity than may be required by applicable codes or standards, the provisions of the Drawings and/or Specifications shall take precedence over the requirements of the code or standard. If there is any other conflict between the plans or specifications and the requirements of applicable codes and standards, the more stringent provisions shall govern.
- C. See also Section 01090 - References

1.6 Manufacturers' Specifications and Instructions

- A. Unless otherwise indicated or specified, all manufactured materials, products, processes, equipment, or the like shall be installed or applied in accordance with the manufacturers' instructions, directions, or specifications. Said installation or application shall be in accordance with printed instructions furnished by the manufacturer of the material or equipment concerned for use under conditions similar to those at the job site. Copies of such instructions shall be furnished to the OWNER and ENGINEER and their acceptance thereof obtained before work is begun.
- B. Any deviation from the manufacturers' printed recommendations shall be explained and acknowledged as correct for the circumstances, in writing by the particular manufacturer. The CONTRACTOR will be held responsible for all installations not conforming to the manufacturers' recommendations. If any item of material or equipment is installed not in accordance with the manufacturer's recommendations, the CONTRACTOR shall make all changes necessary to achieve such compliance.

1.7 Work Quality

- A. Shop and field work shall be performed by mechanics and workers skilled and experienced in the fabrication and installation of the work feature involved. All Work under this Contract shall be performed in accordance with the standard practices of the various trades involved and in accordance with 49 CFR Part 192, the Construction Drawings, reviewed shop drawings, and these Specifications.
- B. All Work shall be erected and installed plumb, level, square and true, or true to indicated angle, and in proper alignment and relationship to the work of other trades. All finished Work shall be free from defects and damage.
- C. The OWNER and ENGINEER reserve the right to reject any materials and work quality which are not considered to be up to the general standards of the various trades involved. Such inferior material or work quality shall be repaired or replaced, as directed, at no additional cost to the OWNER.

1.8 Field Measurement and Templates

- A. CONTRACTOR shall secure all field measurements required for proper and accurate fabrication and installation of the Work included in this Contract. Exact measurements are the CONTRACTOR's responsibility. CONTRACTOR shall also furnish or obtain all templates, patterns, and setting instructions required for the installation of all Work. All dimensions shall be verified by the CONTRACTOR in the field.

1.9 Testing Laboratory

- A. The CONTRACTOR will select and pay for the services of a testing laboratory(s) to conduct compaction tests on engineered fill, concrete testing, and other tests. The costs of retests or additional testing caused by the CONTRACTOR's operations will also be borne by the CONTRACTOR.
- B. The CONTRACTOR will be responsible for notifying the OWNER and ENGINEER at least 24-hours in advance of scheduled testing .

1.10 Permits and Licenses

- A. CONTRACTOR shall obtain a business license for their work and the work of each of their SUBCONTRACTORS, and construction permit (plumbing, electrical, fire etc.) as needed and pay for all licenses and permits.

PART 2 - PRODUCTS

(Not Used)

PART 3 - EXECUTION

(Not Used)

PART 4 - MEASUREMENT AND PAYMENT

(Not Used)

END OF SECTION 01010 (01 11 00)