

Date: October 8, 2021

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

From: Achaya Kelapanda
Assistant Director
Department of Solid Waste Management

Subject: ISD Project No: E21-DSWM-01
Project Name: Professional Bond Engineering Services for Department of Solid Waste Management
Description: Upcoming Solicitation for Professional Bond Engineering Services
Contract Number: 18393-DSWM21-BE

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 Professional Bond Engineer Services (Bond Engineer) that will act on behalf of the Solid Waste System Revenue Bond holders, pursuant to Ordinance No. 96-168 (Bond Ordinance). The scope of work of the Bond Engineer encompasses provision of services, analyses and certifications associated with the operation and maintenance of Miami-Dade County's Solid Waste System (System), as set forth in Bond Ordinance No. 96-168, Sections 208, 503, 605, 607, 612, 619, the Comprehensive Landfill Closure Plan (CLCP), and the Resources Recovery Facility (RRF) Operations and Management Agreement (RRFA) between Covanta Dade Renewable Energy, Ltd. (Covanta) and the County. The Bond Engineer may be expected to provide a scope of services which encompasses, but is not limited to the following:

- **Debt Coverage:** Certify the adequacy of System revenues to back the issuance of any additional System bonds (Sect. 208)
- **Capital Improvements:** Approve plans for improvements to the System and for operation and maintenance of such improvements (Sect. 605)
- **Rates and Charges:** Annual evaluation of rates and charges collected by the System, and recommendation of revision of rates and charges and of moneys to be allocated monthly to the Renewal and Replacement Fund (Sect. 607)
- **Facility Reports:** Inspect each facility in the System, including the RRF, and assess and document their condition and recommend repairs, replacement and improvements (Sect. 607)
- **Waste Permits:** Review private Waste Facility Disposal permits for approval and evaluate the competition they would impose on the System (Sect. 612)
- **Asset Disposition:** Oversee the disposition of System property and use of proceeds delivered therefrom (Sect. 619)
- **Landfill Remediation:** Oversee disbursements for remediation of former landfill sites owned by municipalities, subject to conformance with the particular CLCP agreements (Resolution No. R-942-15)
- **RRF:** Assist County personnel in overseeing and evaluating facility compliance with contractual requirements, provide technical expertise and evaluation of the RRF's components, review and render opinion on proposed capital improvements or modifications to the facility and provide continuous surveillance of the physical condition and operational status of the facility as required by the RRFA

- Bond Ordinance: Perform all other services required by the Bond Ordinance, the CLCP and the RRFA
- Ancillary Tasks: Perform any supportive ancillary tasks to the primary scope of services

The Bond Engineer may be required to provide the following tasks/deliverables:

- Annual Utility Services Fee Reimbursable Cost Allocation Analysis
- Miami-Dade Resources Recovery Facility Operations Monitoring
- Miami-Dade Resources Recovery Facility Annual Report
- Solid Waste System Annual Report
- Landfill Closure and Long-Term Care Cost Estimate Annual Report
- Landfill Capacity Annual Report
- Review of Regulatory and Economic Resources (RER) Permit Applications and Municipal Annexation Requests
- Determine appropriateness of Rates and Charges and of Renewal and Replacement Budget Amount
- Refunding Revenue Bonds Report
- Miscellaneous consulting and planning services; and,
- Other services required by the Bond Ordinance

Cost Estimate

The total base estimated fee for bond engineering services is \$5,655,600, 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	7.00	Solid Waste Collection and Disposal Systems		
Other	19.07	Value Analysis and Life Cycle Costing - Solid Waste Collection and Disposal Systems		
TOTAL			100	

DSWM recommends no measure to be assigned for SBE/AE due to insufficient availability and factors contained in Section V.C. of Implementing Order 3-32.

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

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