

Memorandum



Date: December 12, 2014

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

From: Milton L. Collins, Associate Director *MJC*
Miami-Dade Aviation Dept., Minority Affairs Division

Subject: Fueling Systems Consulting Services at MIA and GAA's
Project No. E14-MDAD-03

RECOMMENDATION:

This is a request for the Small Business Development (SBD) Division to approve the attached solicitation request for a Small Business Enterprise Architecture & Engineering Program SBE-A/E Contract Measure in order for the Department to proceed with the advertisement of bids for the **Fueling Systems Consulting at MIA and GAA's, Project No. E14-MDAD-03.**

The contract estimated amount is for two (2) Agreements each \$2,000,000.00 totaling \$4,000,000.00. The Term of these agreements is seven (7) years.

The Minority Affairs Division staff has evaluated the subject project and recommends a 15% **SBE-A/E** goal as the Contract Measure. Attached are MDAD's Contract Measure Analysis Worksheet and other supporting documents.

PROJECT DESCRIPTION/SCOPE OF SERVICES:

The Scope of Services shall include, but not limited to, design services and preparation of contract documents for the upgrade, maintenance, repair and/or construction of the aviation fuel storage and distribution systems and proposed facilities under MDAD jurisdiction including but not limited to Midfield vehicular gas station, west load rack facility and diesel and gasoline tanks, employee emergency vehicular fuel tank; hydraulic modeling and planning services, value appraisal of aviation fueling system and any other component related to it, equipment, and facilities; emergency consulting services; construction management and inspection services; environmental regulatory project associated with the fuel facility consent orders and agreements; providing recommendations and inspections for maintenance repairs of fueling facilities and reviewing proposed maintenance work estimates; update the fueling Atlas and Master Plan, Consulting, design and work site services for any work associated with the fueling systems fire protection and detection systems; CCTV, electrical, structural improvements and other work associated with fueling systems at MIA and General Airports.

This project does not have any special requirements and the minimum qualifications for this solicitation do not exceed any legal requirements. Internal Services Department (ISD) has reviewed and approved the following technical categories for this project:

Prime Certification Category:

4.01 Aviation Systems – Engineering Design
17.00 Engineering Construction Management

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Sub-Trade SBE-A/E:

10.01 Stormwater Drainage Design Engineering
10.05 Contamination Assessment & Monitoring
10.06 Remedial Action Plan Design
12.00 General Mechanical Engineering
13.00 General Electrical Engineering

Attached is the Services Description Breakdown.

If additional information is needed, call me at (305) 876-7221 or C. Corrales at (305) 876-7991.

Attachments

cc: P. Hernandez, MDAD
G. Leal, MDAD
M. Clark-Vincent, MDAD
P. Betancourt, MDAD
C. Corrales, MDAD
L. Johnson, SBD
V. Walters, SBD
File

REVISED MDAD's CONTRACT MEASURES AND ANALYSIS WORKSHEET

To: Gary Hartfield, Division Director
Department of Regulatory and Economic Resources
Small Business Development, Business Affairs Division

From: Milton L. Collins, Associate Director 
Miami-Dade Aviation Department
Minority Affairs Division

PROJECT/CONTRACT TITLE: Fueling Systems Consulting Services at MIA and GAA's

PROJECT/CONTRACT NUMBER: E14-MDAD-03

DEPARTMENT: Miami Dade Aviation Department

ESTIMATED PROJECT COST: (2) Agreements at \$2,000,000.00 for a Total of \$4,000,000.00

FUNDING SOURCE: Aviation Revenue Funds

DESCRIPTION OF PROJECT/BID:

The Scope of Services shall include, but not limited to, design services and preparation of contract documents for the upgrade, maintenance, repair and/or construction of the aviation fuel storage and distribution systems and proposed facilities under MDAD jurisdiction including but not limited to Midfield vehicular gas station, west load rack facility and diesel and gasoline tanks, employee emergency vehicular fuel tank; hydraulic modeling and planning services, value appraisal of aviation fueling system and any other component related to it, equipment, and facilities; emergency consulting services; construction management and inspection services; environmental regulatory project associated with the fuel facility consent orders and agreements; providing recommendations and inspections for maintenance repairs of fueling facilities and reviewing proposed maintenance work estimates; update the fueling Atlas and Master Plan, Consulting, design and work site services for any work associated with the fueling systems fire protection and detection systems; CCTV, electrical, structural improvements and other work associated with fueling systems at MIA and General Airports.

CONTRACT MEASURES RECOMMENDATION:

Measures 15% SBE-A/E Goal

REASONS FOR RECOMMENDATION:

Analysis of the factors contained in Implementing Order #3-41 indicates that an SBE-A/E Goal is appropriate for this contract.



CAT. NO.	SERVICE DESCRIPTION	PRIME CONSULTANT	SUB CONSULTANT	PERCENT OF TOTAL CONSULTANT FEE
1.00	TRANSPORTATION PLANNING			
	1.01 URBAN AREA AND REGIONAL TRANSPORTATION PLANNING			
	1.02 MASS AND RAPID TRANSIT PLANNING			
	1.03 AVIATION SYSTEMS AND AIRPORT MASTER PLANNING			
	1.04 PORT AND WATERWAY SYSTEMS PLANNING			
2.00	MASS TRANSIT SYSTEMS			
	2.01 MASS TRANSIT PROGRAM (SYSTEMS) MANAGEMENT			
	2.02 MASS TRANSIT FEASIBILITY & TECHNICAL STUDIES			
	2.03 MASS TRANSIT VEHICLE & PROPULSION STUDIES			
	2.04 MASS TRANSIT CONTROLS, COMMUNICATIONS, & INFORMATION SYSTEMS			
	2.05 GENERAL QUALITY ENGINEERING			
	2.06 MASS TRANSIT SAFETY CERTIFICATION FOR SYSTEM ELEMENTS			
3.00	HIGHWAY SYSTEMS			
	3.01 SITE DEVELOPMENT AND PARKING LOT DESIGN			
	3.02 HIGHWAY DESIGN			
	3.02A TUNNEL DESIGN			
	3.03 BRIDGE DESIGN			
	3.04 TRAFFIC ENGINEERING STUDIES			
	3.05 TRAFFIC COUNTS			
	3.06 TRAFFIC CALMING			
	3.07 TRAFFIC SIGNAL TIMING			
	3.08 INTELLIGENT TRANSPORTATION SYSTEMS ANALYSIS, DESIGN, AND IMPLEMENTATION			
	3.09 SIGNING, PAVEMENT MARKING, AND CHANNELIZATION			
	3.10 LIGHTING			
	3.11 SIGNALIZATION			
	3.12 UNDERWATER ENGINEERING INSPECTION			



SAL NO	SERVICE DESCRIPTION	PRIME CONSULTANT	SUB CONSULTANT	PERCENT OF TOTAL CONSULTANT FEE
4.00	AVIATION SYSTEMS			
	4.01 ENGINEERING DESIGN	50%		50%
	4.02 ARCHITECTURAL DESIGN			
5.00	PORT AND WATERWAY SYSTEMS			
	5.01 ENGINEERING DESIGN			
	5.02 ARCHITECTURAL DESIGN			
	5.03 CRUISE TERMINAL DESIGN			
	5.04 CRUISE TERMINAL EQUIPMENT DESIGN			
	5.05 CARGO TERMINAL DESIGN			
	5.06 CARGO TERMINAL EQUIPMENT DESIGN			
	5.07 SECURITY SYSTEMS			
	5.08 MARINE ENGINEERING DESIGN			
	5.09 ENVIRONMENTAL DESIGN			
	6.10 TRANSPORTATION SYSTEMS DESIGN			
	6.11 CONSTRUCTION MANAGEMENT			
6.00	WATER AND SANITARY SEWER SYSTEMS			
	6.01 WATER DISTRIBUTION AND SANITARY SEWAGE COLLECTION AND TRANSMISSION SYSTEMS			
	6.02 MAJOR WATER AND SANITARY SEWAGE PUMPING FACILITIES			
	6.03 WATER AND SANITARY SEWAGE TREATMENT PLANTS			
7.00	SOLID WASTE COLLECTION AND DISPOSAL SYSTEMS			
8.00	TELECOMMUNICATION SYSTEMS			
9.00	SOILS, FOUNDATIONS AND MATERIALS TESTING			
	9.01 DRILLING, SUBSURFACE INVESTIGATION AND SEISMOGRAPHIC SERVICES			
	9.02 GEOTECHNICAL AND MATERIALS ENGINEERING SERVICES			
	9.03 CONCRETE AND ASPHALT TESTING SERVICES			
	9.04 NON-DESTRUCTIVE TESTING AND INSPECTIONS			
	9.05 ROOF TESTING AND CONSULTING			



FUNCTIONAL AREA			
	9.00 MATERIALS TESTING/CONSULTING/TRAINING		
	INDUSTRIAL HYGIENE		
	ASBESTOS		
	AMBIENT AIR		
	BIO-HAZARDOUS		
	OSHA		
10.00	ENVIRONMENTAL ENGINEERING		
	10.01 STORMWATER DRAINAGE DESIGN ENGINEERING SERVICES	10%	10%
	10.02 GEOLOGY SERVICES		
	10.03 BIOLOGY SERVICES		
	10.04 CHEMISTRY SERVICES		
	10.05 CONTAMINATION ASSESSMENT AND MONITORING	5%	5%
	10.06 REMEDIAL ACTION PLAN DESIGN	5%	5%
	10.07 REMEDIAL ACTION PLAN IMPLEMENTATION/OPERATION/MAINTENANCE		
	10.08 PATHOGEN AND CONTAMINANT RISK ANALYSIS		
	10.09 WELLFIELD, GROUNDWATER, AND SURFACE WATER PROTECTION AND MANAGEMENT		
	10.10 COASTAL PROCESSES AND OCEAN ENGINEERING		
11.00	GENERAL STRUCTURAL ENGINEERING		
12.00	GENERAL MECHANICAL ENGINEERING	5%	5%
13.00	GENERAL ELECTRICAL ENGINEERING	5%	5%
14.00	ARCHITECTURE		
15.00	SURVEYING AND MAPPING		
	15.01 LAND SURVEYING		
	15.02 AERIAL PHOTOGRAMMETRY		
16.00	GENERAL CIVIL ENGINEERING		
17.00	ENGINEERING CONSTRUCTION MANAGEMENT	20%	20%
18.00	ARCHITECTURAL CONSTRUCTION MANAGEMENT		



CAT NO	SERVICE DESCRIPTION	PRIME CONSULTANT	SUB CONSULTANT	PERCENT OF TOTAL CONSULTANT FEE
19.00	VALUE ANALYSIS AND LIFE-CYCLE COSTING			
	19.01 TRANSPORTATION PLANNING			
	19.02 MASS TRANSIT SYSTEMS			
	19.03 HIGHWAY SYSTEMS			
	19.04 AVIATION SYSTEMS			
	19.05 PORT AND WATERWAY SYSTEMS			
	19.06 WATER AND SANITARY SYSTEMS			
	19.07 SOLID WASTE COLLECTION AND DISPOSAL SYSTEMS			
	19.08 TELECOMMUNICATION SYSTEMS			
	19.09 SOILS, FOUNDATIONS, AND MATERIALS TESTING			
	19.10 ENVIRONMENTAL ENGINEERING			
	19.11 GENERAL STRUCTURAL ENGINEERING			
	19.12 GENERAL MECHANICAL ENGINEERING			
	19.13 GENERAL ELECTRICAL ENGINEERING			
	19.14 ARCHITECTURE			
	19.15 GENERAL CIVIL ENGINEERING			
	19.16 LANDSCAPE ARCHITECTURE			
20.00	LANDSCAPE ARCHITECTURE			
21.00	LAND USE PLANNING			
22.00	ADA TITLE II CONSULTANT			
23.00	AVIATION ACOUSTICAL AND LAND USE COMPATIBILITY PLANNING			
24.00	BUILDING PRODUCT EVALUATION SERVICES			
25.00	AVIATION PLANNING CONSULTANT SERVICES			
28.00	CLAIMS ANALYSIS SERVICES			

*Detailed descriptions of certification categories may be obtained from MDAD Contracts Administration.