


Memorandum



Date: April 11, 2016

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

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

Subject: Recommendation of Contract Measures
Miami International Airport (MIA) Central Base Apron and Utilities Modification and
Expansion, ISD Project No. E16-MDAD-01

RECOMMENDATION:

This is a request for the Small Business Development (SBD) to approve the subject project in order for the Department to proceed with the approval for the **Miami International Airport (MIA) Central Base Apron and Utilities Modification and Expansion, ISD Project No. E16-MDAD-01**. The Minority Affairs Division and the User Division Staff have evaluated the subject project and recommends a **15% SBE-A/E Goal and an SBE-Goods & Services Goal of .0075%**. Attached is MDADs Service Description Breakdown and Contract Measures Analysis Worksheet findings and other supporting documents.

The Term of the Agreement is for Six (6) Years. The Contract Estimated Amount is **\$7,795,000.00**.

PROJECT DESCRIPTION:

The selected A/E Consultant will be performing design and construction inspection services for the referenced project. This project provides the paving, grading and drainage for the modification and expansion of the Central Base Apron, Taxiway and associated infrastructure. The scope of work consists of pavement demolition, bridge demolition, construction of new rigid and flexible asphalt pavements, installation of a culvert to replace a portion of Canal 10A, storm water improvements, lighting, signage and pavement markings. Phasing and maintenance of aircraft traffic will be key elements of the project. The teaming restrictions will be the following: Consultants electing to submit as a prime will be limited to participation on a single team and may not participate on any other team as a sub-consultant. Consultants electing to submit as a sub-consultant may only participate on three (3) teams.

Please advise our office if additional information is needed in order to complete this process.

Attachments

cc: L. Johnson, SBD
E. Etienne, SBD
M. Clark-Vincent, MDAD
E. Beltre, MDAD
A. Cordova-Jimenez
C. Corrales, MDAD

REVISED MDAD's CONTRACT MEASURES AND ANALYSIS WORKSHEET

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

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



PROJECT/CONTRACT TITLE: Miami International Airport (MIA) Central Base Apron and Utilities Modification and Expansion

PROJECT/CONTRACT NUMBER: E16-MDAD-01

DEPARTMENT: Miami Dade Aviation Department

ESTIMATED PROJECT COST: \$7,795,000.00

FUNDING SOURCE: Airport Revenue Funds

DESCRIPTION OF PROJECT/BID:

The selected A/E Consultant will be performing design and construction inspection services for the referenced project. This project provides the paving, grading and drainage for the modification and expansion of the Central Base Apron, Taxiway and associated infrastructure. The scope of work consists of pavement demolition, bridge demolition, construction of new rigid and flexible asphalt pavements, installation of a culvert to replace a portion of Canal 10A, storm water improvements, lighting, signage and pavement markings. Phasing and maintenance of aircraft traffic will be key elements of the project. The teaming restrictions will be the following: Consultants electing to submit as a prime will be limited to participation on a single team and may not participate on any other team as a sub-consultant. Consultants electing to submit as a sub-consultant may only participate on three (3) teams.

CONTRACT MEASURES RECOMMENDATION:

Measures: SBE-A/E – 15%

SBE-G&S – (.0075%) Which Equals \$53,018.25 for the subject PSA

REASONS FOR RECOMMENDATION:

Analysis of the factors contained in Implementing Order #3-22 indicate(s) that an SBE-Architectural & Engineering Services Program and Implementing Order #3-41 for the SBE-Goods and Services Program are appropriate for this contract.

MDAD Recommendation:
Small Business Enterprise (SBE)
Goods & Services (G&S) Goal

Project Number: **E16-MDAD-01**

Project Title: **Miami International Airport (MIA) Central
Base Apron and Utilities Modification and
Expansion**

**Recommended
SBE-G&S Category:** **96600: Printing and Typesetting**

**SBE-G&S
Recommendation:** **(.0075%) which equals \$53,018.25 for
subject Professional Services Agreement.**

SBE-G&S Breakdown Recommendation

(*) **No. of PSA's:** **One**

(*) **PSA Base Estimate:** **\$7,069,100.00 (Basic Services)**

(*) **PSA Cost Estimate:** **\$7,795,450.00 (Inclusive of All Contingencies)**

(*) **SBE-A&E Goal:** **A 15% SBE-A&E goal is also being
recommended for this project.**

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			
4.00	AVIATION SYSTEMS			
	4.01 ENGINEERING DESIGN	X		40
	4.02 ARCHITECTURAL DESIGN			



CAT. NO.	SERVICE DESCRIPTION *	PRIME CONSULTANT	SUB-CONSULTANT	PERCENT OF TOTAL CONSULTANT FEE
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			
	5.10 TRANSPORTATION SYSTEMS DESIGN			
	5.11 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		X	5
	9.03 CONCRETE AND ASPHALT TESTING SERVICES			
	9.04 NON-DESTRUCTIVE TESTING AND INSPECTIONS			
	9.05 ROOF TESTING AND CONSULTING			
	9.06 MATERIALS TESTING/CONSULTING/TRAINING			
	INDUSTRIAL HYGIENE			
	ASBESTOS			
	AMBIENT AIR			
	BIO-HAZARDOUS			

CAT. NO.	SERVICE DESCRIPTION *	PRIME CONSULTANT	SUB-CONSULTANT	PERCENT OF TOTAL CONSULTANT FEE
	OSHA			
10.00	ENVIRONMENTAL ENGINEERING			
	10.01 STORMWATER DRAINAGE DESIGN ENGINEERING SERVICES	X		20
	10.02 GEOLOGY SERVICES			
	10.03 BIOLOGY SERVICES			
	10.04 CHEMISTRY SERVICES			
	10.05 CONTAMINATION ASSESSMENT AND MONITORING			
	10.06 REMEDIAL ACTION PLAN DESIGN			
	10.07 REMEDIAL ACTION PLAN IMPLEMENTATION/OPERATION/MAINTENANCE			
	10.08 PATHOGEN AND CONTAINMENT RISK ANALYSIS			
	10.09 WELLFIELD, GROUNDWATER, AND SURFACE WATER PROTECTION AND MANAGEMENT			
	10.10 COASTAL PROCESSES AND OCEAN ENGINEERING			
11.00	GENERAL STRUCTURAL ENGINEERING		X	5
12.00	GENERAL MECHANICAL ENGINEERING			
13.00	GENERAL ELECTRICAL ENGINEERING			
14.00	ARCHITECTURE			
15.00	SURVEYING AND MAPPING			
	15.01 LAND SURVEYING		X	5
	15.02 AERIAL PHOTOGRAMMETRY			
16.00	GENERAL CIVIL ENGINEERING			
17.00	ENGINEERING CONSTRUCTION MANAGEMENT	X		25
18.00	ARCHITECTURAL CONSTRUCTION MANAGEMENT			
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			



CAT. NO.	SERVICE DESCRIPTION *	PRIME CONSULTANT	SUB-CONSULTANT	PERCENT OF TOTAL CONSULTANT FEE
	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			
26.00	CLAIMS ANALYSIS SERVICES			

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