

Memorandum



Date: August 7, 2013

To: Veronica Clark, Assistant to the Director
Department of Regulatory and Economic Resources
Small Business Development, Business Affairs Division

From: Milton L. Collins, Associate Director *MLC*
MDAD Minority Affairs Division

Subject: MIA Operating System and O & M Oversight Services Consultant (OSC) for the Satellite E & Other MIA APM Operating Systems
Project No's #P252A, B702A, J104A-3

RECOMMENDATION:

This is a request for the Small Business Development Division to approve the attached project in order for the Aviation Department to proceed with the **MIA Operating System and O & M Oversight Services Consultant (OSC) for the Satellite E & Other MIA APM Operating Systems, Project No's #P252A, B702A, J104A-3.**

The Minority Affairs Division and the Facilities Management Division staff have evaluated the subject project and recommends a **10% CBE Goal** as the contract measure, as set forth in Implementing Order #3-32, the attached MDAD Contract measures Analysis Worksheet findings and other supporting documents attached.

The term of this Agreement shall be for five (5) years with fifteen (15) – one (1) year renewal options. The estimated amount for this one Agreement is \$23,497,809.52 and will be funded through the Improvement Funds, Reserve Maintenance Funds and Operating Funds.

A Bid Waiver contract is requested by the Miami-Dade Aviation Department that requires the services of Bolton, Perez & Associates, Certification No. 4309, to provide General Structural Engineering, General Civil Engineering and Engineering Construction Management. The services of F.R. Aleman and Associates, Inc., Certification No. 895 to provide Telecommunication Systems, General Electrical Engineering; Land Surveying; General Civil Engineering and Engineering Construction Management. Attached are the "Letter(s) of Agreement" (LOA).

PROJECT DESCRIPTION/SCOPE OF SERVICES:

The MIA Operating Systems and O & M Oversight Services Consultant (OSC) for the Satellite E & other MIA Automatic People Mover (APM) Systems shall provide planning, design criteria, contract documents, procurement support, design oversight, construction administration assistance, review of contract required submittals, construction inspection services for the Operating Systems of the MIA Satellite E APM System Replacement and O & M Services Project and any other services deemed necessary and appropriate by the Department. The objective of these Professional Services is to support the timely completion of the fixed facilities, control contract cost and schedule, verify that the design and construction conforms to the provisions of the Contract Documents and ensure that the Operating System is properly interfaced with the Fixed Facilities. The OSC services shall include but are not limited to administrative oversight assistance during the design phases of the Operating

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MIA Operating System and O & M Oversight Services Consultant (OSC) for the Satellite E & Other MIA
APM Operating Systems
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PROJECT DESCRIPTION/SCOPE OF SERVICES (continued):

Systems, quality assurance inspection tasks during the construction phases of the Operating Systems and participation in the final witnessing of Contractor activities during the installation, testing, commissioning and close-out phase of the Operating Systems. Services shall also include providing project management assistance, preparation of puchlists and coordinating daily inspections on an as needed basis.

The OSC will provide technical expertise and project management assistance to MDAD for any modifications to and/or construction for improvements to the existing operational MIA Mover APM System at Miami International Airport (MIA) including some or all the services listed above for the MIA Mover APM System and the North Terminal "Skytrain" APM System, provide support to MDAD for the management and oversight of the Operation and Maintenance (O&M) Agreement with the O & M Contractor for the existing and operational APM Systems including but not limited to the MIA Mover APM System and the North Terminal "Skytrain" APM System and the proposed Satellite E APM Replacement at MIA and provide support services for obtaining and maintaining the Safety and Security Program Plan (SSPP) and Safety Certifications for all MIA APM Systems.

If you have questions, please contact me at (305) 876-7221.

Attachments

cc: L. Johnson, SBD
V. Walters, SBD
M. Clark-Vincent, MDAD
F. Stirrup, MDAD
C. Corrales, MDAD
Project File

MDAD's CONTRACT MEASURES AND ANALYSIS WORKSHEET

**To: Veronica Clark, Assistant to the Director,
Department of Regulatory and Economic Resources,
Small Business Development, Business Affairs**

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



**PROJECT/CONTRACT TITLE: MIA Operating System and O & M Oversight
Services Consultant (OSC) for the Satellite E &
Other MIA APM Operating Systems**

PROJECT/CONTRACT NUMBER: P252A, B702A, J104A-3

DEPARTMENT: Miami-Dade Aviation Department

**ESTIMATED PROJECT COST: One (1) Agreement
\$23,497,809.52**

**FUNDING SOURCE: Improvement Funds, Reserve Maintenance
Funds and Operating Funds**

DESCRIPTION OF PROJECT/BID:

The MIA Operating Systems and O & M Oversight Services Consultant (OSC) for the Satellite E & other MIA Automatic People Mover (APM) Systems shall provide planning, design criteria, contract documents, procurement support, design oversight, construction administration assistance, review of contract required submittals, construction inspection services for the Operating Systems of the MIA Satellite E APM System Replacement and O & M Services Project and any other services deemed necessary and appropriate by the Department.

CONTRACT MEASURES RECOMMENDATION:

Trade Set-Aside _____ Bid Preference _____ Subcontractor Goal X

Project Goal _____ Measures _____ Selection Factor _____

REASONS FOR RECOMMENDATION:

**Analysis of the factors contained in Implementing Order #3-32 indicates that a CBE
Subcontractor Goal is appropriate for this contract.**

ESTIMATED PROJECT COST: \$23,497,809.52 10% CBE

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	75		
	2.02 MASS TRANSIT FEASIBILITY & TECHNICAL STUDIES			
	2.03 MASS TRANSIT VEHICLE & PROPULSION STUDIES			
	2.04 MASS TRANSIT CONTROLS, COMMUNICATIONS, & INFORMATION SYSTEMS	10		
	2.05 GENERAL QUALITY ENGINEERING			
	2.06 MASS TRANSIT SAFETY CERTIFICATION FOR SYSTEM ELEMENTS	6		
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			

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CAT. NO.	SERVICE DESCRIPTION	PRIME CONSULTANT	SUB CONSULTANT	PERCENT OF TOTAL CONSULTANT FEE
	4.01 ENGINEERING DESIGN			
	4.02 ARCHITECTURAL DESIGN			
6.00	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			
	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			

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CATEGORY	SERVICE DESCRIPTION	PRIME CONSULTANT	SUB-CONSULTANT	PERCENT OF TOTAL
	INDUSTRIAL HYGIENE			
	ASBESTOS			
	AMBIENT AIR			
	BIO-HAZARDOUS			
	OSHA			
10.00	ENVIRONMENTAL ENGINEERING			
	10.01 STORMWATER DRAINAGE DESIGN ENGINEERING SERVICES			
	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		4	
12.00	GENERAL MECHANICAL ENGINEERING			
13.00	GENERAL ELECTRICAL ENGINEERING		6	
14.00	ARCHITECTURE			
15.00	SURVEYING AND MAPPING			
	15.01 LAND SURVEYING			
	15.02 AERIAL PHOTOGRAMMETRY			
16.00	GENERAL CIVIL ENGINEERING		1	
17.00	ENGINEERING CONSTRUCTION MANAGEMENT			
18.00	ARCHITECTURAL CONSTRUCTION MANAGEMENT			
19.00	VALUE ANALYSIS AND LIFE-CYCLE COSTING			

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CAT. NO.	SERVICE DESCRIPTION	PRIME CONSULTANT	SUB CONSULTANT	PERCENT OF TOTAL CONSULTANT FEE
	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			

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

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