

Memorandum

MIAMI-DADE
COUNTY

Date: April 18, 2013

To: Mario Goderich, Assistant Director, Business Affairs
Regulatory and Economic Resources,
Small Business Development

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

Subject: Pavement Management System
Project # E13-MDAD-02

Recommendation:

This is a request for the Small Business Development (SBD) to approve the attached project in order for the Department to proceed with advertisement for **Pavement Management System, Project No. E13-MDAD-02.**

The term of the Agreement is for six (6) years, plus two (2) one-year renewals. The contract estimated amount is \$1,000,000.00

The Minority Affairs Division staff has evaluated the subject project and recommends a **20% CBE-A/E Goal. The sub-trade categories to be utilized are: 3.02 Highway Systems – Highway Design; 3.02A Highway Systems – Tunnel Design; 3.03 Highway Systems – Bridge Design; 11.00 General Structural Engineering.** Also note that this is a re-solicitation and the term for the current agreement for this service (advertised as E08-MDAD-02, with a CBE 20% Goal) is expiring. Attached is the previous Project Worksheet.

Background:

The project will consist of updating and maintaining the Pavement Management System (PMS) for MDAD Facilities. The service will include inspecting and evaluating pavement condition, collecting and reviewing as-built data, field verifying as-built conditions, updating the PMS data base, updating the existing modeling scenario, review and update the MDAD design guideline, review and update the technical specifications, update the annual maintenance and repair forecast and assisting the Department with pavement, bridge, and tunnel studies, evaluations and analysis, and any supportive task ancillary to the primary scope of services. 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 contact Mike Riera at (305) 876-0596 or MRiera@miami-airport.com should you have any technical questions associated with this project.

For any other questions, please contact me at (305) 876-7221 or C. Corrales at (305) 876-7991.

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Attachments

cc: V. Clark, SBD
L. Johnson, SBD
K. Duncombe, SBD
M. Clark-Vincent, MDAD
E. Beltre, MDAD
M. Riera, MDAD
C. Corrales, MDAD
Project File

MDAD's CONTRACT MEASURES AND ANALYSIS WORKSHEET

**To: Mario Goderich, Assistant Director, Business Affairs
Regulatory and Economic Resources,
Department of Business Development**

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



PROJECT/CONTRACT TITLE: Pavement Management System
PROJECT/CONTRACT NUMBER: E13-MDAD-02
DEPARTMENT: Miami Dade Aviation Department
ESTIMATED PROJECT COST: \$1,000,000.00
FUNDING SOURCE: Multi Year Operating Budget

DESCRIPTION OF PROJECT/BID:

The project will consist of updating and maintaining the Pavement Management System (PMS) for MDAD Facilities. The service will include inspecting and evaluating pavement condition, collecting and reviewing as-built data, field verifying as-built conditions, updating the PMS data base, updating the existing modeling scenario, review and update the MDAD design guideline, review and update the technical specifications, update the annual maintenance and repair forecast and assisting the Department with pavement, bridge, and tunnel studies, evaluations and analysis, and any supportive task ancillary to the primary scope of services. 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:

Trade Set-Aside _____ Bid Preference _____ Subcontractor Goal X
 Project Goal _____ Measures _____ Selection Factor _____

REASONS FOR RECOMMENDATION:

Analysis of the factors contained in Implementing Order No. IO 3-32 indicates that a CBE-A/E Subcontractor Goal is appropriate for this contract.

ANALYSIS FOR RECOMMENDATION OF A SUBCONTRACTOR GOAL:

	Sub-Trade	Estimated Cost	% of Item to Base Bid	Availability
3.02:	Highway Design	\$50,000.00	5%	3
3.02A:	Tunnel Design	\$50,000.00	5%	3
3.03:	Bridge Design	\$50,000.00	5%	3
11.00:	General Structural Eng.	\$50,000.00	5%	3
		<u>\$200,000.00</u>	<u>20%</u>	

ESTIMATED PROJECT COST: \$1,000,000.00



CAT. NO.	SERVICE DESCRIPTION	PRIME CONSULTANT	SBE 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			
26.00	CLAIMS ANALYSIS SERVICES			

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



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		X	6
	3.02A TUNNEL DESIGN		X	5
	3.03 BRIDGE DESIGN		X	6
	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			



CAT- NO	SERVICE DESCRIPTION	PRIME CONSULTANT	SUB- CONSULTANT	PERCENT OF TOTAL CONSULTANT FEE
4.00	AVIATION SYSTEMS			
	4.01 ENGINEERING DESIGN	X		80
	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			
	5.08 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			



GAT NO	SERVICE DESCRIPTION	PRIME CONSULTANT	SUB-CONSULTANT	PERCENT OF TOTAL CONSULTANT FEE
	9.06 MATERIALS TESTING/CONSULTING/TRAINING			
	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		X	5
12.00	GENERAL MECHANICAL ENGINEERING			
13.00	GENERAL ELECTRICAL ENGINEERING			
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			
18.00	ARCHITECTURAL CONSTRUCTION MANAGEMENT			

Walters, Vivian (RER)

From: Duncombe, Kelly (RER)
Sent: Thursday, April 18, 2013 11:59 AM
To: Walters, Vivian (RER)
Subject: FW: Recommendation Memorandum E12-MDAD-02
Attachments: MinorityAffairsSharpScannerDoNotReply_20130418_115529.pdf

Vivian,

This is a new A&E project from Cookie.

-----Original Message-----

From: Corrales, Caridad (Aviation) [<mailto:CCORRALES@miami-airport.com>]
Sent: Thursday, April 18, 2013 11:49 AM
To: Clark, Veronica (RER)
Cc: Johnson, Laurie (RER); Clark-Vincent, Marie (Aviation); Beltre, Ernesto (Aviation); Collins, Milton (Aviation); Duncombe, Kelly (RER); Riera, Miguel (Aviation)
Subject: Recommendation Memorandum E12-MDAD-02

Hello Veronica, attached is the recommendation memorandum for the Pavement Management System, Project No. E13-MDAD-02. Please advise if there are any questions.

Thank you,

Caridad "Cookie" Corrales
Contract Compliance Specialist II
MDAD-Minority Affairs Division
Phone: (305) 876-7991 Fax: (305)-876-0382
E-mail: ccorrales@miami-airport.com

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