

Memorandum



Date: July 2, 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 *MJC*
Miami-Dade Aviation Department
Minority Affairs Division

Subject: MIA Building 863 Roof Replacement
Project No. A13-MDAD-02

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 Building #863 Roof Replacement, Project No. A13-MDAD-02.**

The Minority Affairs Division staff has evaluated the subject project and recommends **30% CBE Goal** as the contract measure as set forth in Implementing Order No. #3-32, the attached MDAD Contract Measures Analysis Worksheet findings and other supporting documents attached.

The Term of the Agreement is for three (3) years. The estimated amount for this contract is \$150,000.00.

BACKGROUND/PROJECT DESCRIPTION:

The scope of work for this project is the re-roofing of the existing building #863 roof and consists of approximately 105,200 square feet. The roof was estimated as a 3-ply Modified Bitumen roof however, the A/E is expected to recommend the most cost effective roof system for this project. All existing rooftop equipment is to remain. All new roofing will be flashed to existing or new curbs and roof pipe/raceway supports.

In addition, the work includes repair or replacement as needed of all the auxiliary existing Mechanical, Structural and Electrical systems on roof such as fans, pipe insulation, valves, roof drains, lightning protection as well as pipes and raceway supports.

Note: there is a request for this project to be included in the Economic Stimulus Program (ESP) which is anticipated to be presented to the Board for approval in the near future. Should the Board approve that request, we will need to update the Project number which would add "ESP" to the end of the project number.

If you have questions regarding the Contract measures, please contact me at (305) 876-7221 or C. Corrales at (305) 876-7991. Please contact Jose L. Rodriguez at (305) 876-7127 or Jorge Marin at (305) 869-1484 should you have any Technical questions associated with this project.

MIA Building 863 Roof Replacement
Project No. A13-MDAD-02
Page 2 of 2

Attachments (5)

cc: J. L. Rodriguez, MDAD
J. Marin, MDAD
M. Clark-Vincent, MDAD
L. Johnson, SBD
V. Walters, SBD
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 Building 863 Roof Replacement
PROJECT/CONTRACT NUMBER: A13-MDAD-02
DEPARTMENT: Miami-Dade Aviation Department
ESTIMATED PROJECT COST: One (1) Agreement
\$150,000.00
FUNDING SOURCE: Reserve Maintenance Funds

DESCRIPTION OF PROJECT/BID:

The scope of this project is the re-roofing of the existing building #863 roof and consists of approximately 105,200 square feet. The roof was estimated as a 3-ply Modified Bitumen roof however, the A/E is expected to recommend the most cost effective roof system for this project. All existing rooftop equipment is to remain. All new roofing will be flashed to existing or new curbs and roof pipe/raceway supports.

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: \$150,000.00 30% 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			
	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			



CAT. NO.	SERVICE DESCRIPTION	PRIME CONSULTANT	SUB-CONSULTANT	PERCENT OF TOTAL CONSULTANT FEE
4.00	AVIATION SYSTEMS			
	4.01 ENGINEERING DESIGN	5%		
	4.02 ARCHITECTURAL DESIGN	6%		
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			
	9.03 CONCRETE AND ASPHALT TESTING SERVICES			
	9.04 NON-DESTRUCTIVE TESTING AND INSPECTIONS			
	9.05 ROOF TESTING AND CONSULTING	35%		



AVIATION FACILITIES DIVISION

CAT. NO.	SERVICE DESCRIPTION	PRIME CONSULTANT	SUB-CONSULTANT	PERCENT OF TOTAL CONSULTANT FEE
	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		5%	
	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		5%	
12.00	GENERAL MECHANICAL ENGINEERING		10% 5% <i>WJ</i>	
13.00	GENERAL ELECTRICAL ENGINEERING		10% 5% <i>WJ</i>	
14.00	ARCHITECTURE	25%		
15.00	SURVEYING AND MAPPING			
	15.01 LAND SURVEYING			
	15.02 AERIAL PHOTOGRAMMETRY			
16.00	GENERAL CIVIL ENGINEERING		5%	
17.00	ENGINEERING CONSTRUCTION MANAGEMENT			
18.00	ARCHITECTURAL CONSTRUCTION MANAGEMENT		5%	



AVIATION FACILITIES DIVISION

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			
26.00	CLAIMS ANALYSIS SERVICES			

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