

# 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 *MLC*  
Miami-Dade Aviation Department

**Subject:** MIA Concourse H Roof Replacement and Miscellaneous Repairs,  
Project No. A13-MDAD-01

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## **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 Concourse H Roof Replacement and Miscellaneous Repairs, Project No. A13-MDAD-01.**

The Minority Affairs Division staff has evaluated the subject project and recommends **30% CBE Goal** as the contract measure, as set forth in I.O. #3-32, the attached MDAD Contract Measures Analysis Worksheet findings and other supporting documents attached.

The Term of the Agreement is for five (5) years. The contract estimated amount is \$422,000.00.

## **BACKGROUND/SCOPE OF SERVICES:**

The project involves the phased tear-off (demolition) of the existing roof to the roof deck of Concourse H an estimated 68,620 square feet for Concourse and 31,200 for the Headhouse for a grand total of 99,820 square feet and the replacement of a new built-up roof system in accordance with the MIA Terminal Design Guidelines Manual with all necessary flashing, soffit, gutter, scupper and drain replacements necessary to guarantee the roof for 15 years from project acceptance along with lightning protection recertification and additional work such as stucco repairs, painting and exterior window water proofing.

The age of the roof in the leak prone areas range from between 15-32 years with most of the concourse roof well beyond the 15 year warranty. Through an interim fix with a sprayed-on application will provide a 3-5 year fix to dry in the approximately 100,000 square feet of concourse space, however, a permanent solution is necessary to ensure the operational readiness of gates and their functional passenger service areas.

**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 shown.

If you have questions regarding the Contract Measures, please contact me at (305) 876-7221 or C. Corrales at (305) 876-7991. Please contact Tyrone Browne (305) 876-0529 or Jorge Marin (305) 869-1484 should you have any Technical questions associated with this project.

MIA Concourse H Roof Replacement and Miscellaneous Repairs  
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Attachments (5)

cc: T. Browne, 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** *MJC*  
**Minority Affairs Division  
Miami-Dade Aviation Department**

**PROJECT/CONTRACT TITLE:** MIA Concourse H Roof Replacement and  
Miscellaneous Repairs

**PROJECT/CONTRACT NUMBER:** A13-MDAD-01

**DEPARTMENT:** Miami Dade Aviation Department

**ESTIMATED PROJECT COST:** One (1) Agreement  
\$422,000.00

**FUNDING SOURCE:** Reserve Maintenance Funds

**DESCRIPTION OF PROJECT/BID:**

The project involves the phased tear-off (demolition) of the existing roof to the roof deck of Concourse H an estimated 68,620 square feet for Concourse and 31,200 for the Headhouse for a grand total of 99,820 square feet and the replacement of a new built-up roof system in accordance with the MIA Terminal Design Guidelines Manual with all necessary flashing, soffit, gutter, scupper and drain replacements necessary to guarantee the roof for 15 years from the project acceptance along with lightning protection recertification and additional work such as stucco repairs, painting and exterior window water proofing

**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:** \$422,000.00      30% CBE

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			

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4.00	AVIATION SYSTEMS			
	4.01 ENGINEERING DESIGN	5%	<del>2%</del>	
	4.02 ARCHITECTURAL DESIGN	5%	<del>2%</del>	
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%	<del>20%</del>	

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	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		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 WELL FIELD, 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	DMC	10% 5% 5%
13.00	GENERAL ELECTRICAL ENGINEERING		10% 5% 5%
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%

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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			
	19.18 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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