


Memorandum



Date: February 5, 2018

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 Request:
MIA - Lower Concourse "E" Mechanical Room Upgrades
Project No. MCC-T-072-F

RECOMMENDATION:

This is a request for Small Business Development (SBD) to approve the subject project in order for the Department to proceed in obtaining a Small Business Development Project Worksheet for the MIA – Lower Concourse “E” Mechanical Room Upgrades, Project No. MCC-T-072-F. The Minority Affairs Division and the User Department staff have evaluated the subject project and recommend an SBE/Construction Trade Set-Aside for the following trades:

- Package “A” Miscellaneous General Work
- Package “B” Thermal & Moisture
- Package “C” Hollow Metal Doors
- Package “D” Painting
- Package “E” HVAC

PROJECT DESCRIPTION:

In order to prevent leakage and to upgrade existing mechanical rooms at Lower Concourse “E”, the work will include but not limited to replacing of damage soffits, provide flashings at all duct penetrations, provide roofing repairs, demolition of hollow metal doors, replace weather strips, and install new doors, painting, and related mechanical work upgrades to the existing system.

The Community Workforce Program (CWP) breakdown is attached for the required goal.

The Project Estimated Cost is \$279,503.82. The total suggested SBE/Construction participation for this project will be 100% of \$235,359.75 of Total Scope.

The MDAD Miscellaneous Construction Contract (MCC-8-10) requires that the General Contractor shall enter into subcontractor agreements to perform the work. Prior to the issuance of each Project Order Draft, or in the event of an emergency, as soon thereafter as practicable, per Ordinance 97-52, Miami Dade County will review each project for the establishment of contract measures relevant to Community Small Business Enterprise (SBE/Construction) participation in the work to be performed, and will establish on each Project Order draft as it is transmitted to the Contractor.

Please advise if additional information is needed.

Recommendation of Contract Measures Request:
MIA - Lower Concourse "E" Mechanical Room Upgrades
Project No. MCC-T-072-F
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Attachments

c: L. Johnson, SBD
A. Calderin, MCM
G. Mirabal, MCM
I. McNeill, MCM
R. Cabrera, MDAD
C. Corrales, MDAD
File

**DEPARTMENT CONTRACT MEASURES RECOMMENDATION AND ANALYSIS
CSBE**

To: Miton Collins - Associate Director
MDAD - Minority Affairs Division

From: Alberto Calderin MCC-8-10
General Manager/Munilla Construction Management, (MCM) MCC-8-10

Project/Contract Title: MIA - Lower Concourse "E" Mechanical Room Upgrades

Contract Number: MCC-T-072-F

Department: Aviation

Estimated Cost of Project/Bid: 279,503.82

Funding Source: Aviation Bonds

Description of Project/Bid: Upgrades to HVAC system @ mechanical rooms at Lower Conc "E" to stop leakage with new flashings and moisture protection, replace doors.

Contract Measures Recommendations

Set aside Trade Set aside | 235,360 | Bid Preference
Goal No Measures

Reasons for Recommendation

This is a reasonable contract measure, based on the availability of CSBE firms for the trades available on this project.

Analysis for Recommendation of a Goal

<u>Subtrade</u>	<u>Estimated Cost</u>	<u>% Of Item to Base Bid</u>	<u>SBE/Construction Availability</u>
General Work Pkg."A"	29,294	12.4%	
Thermal-Moisture Pkg. "B"	15,301	6.5%	
Hollow Metal Doors Pkg. "C"	20,607	8.8%	
Painting Pkg. "D"	74,121	31.5%	
HVAC Pkg. "E"	96,037	40.8%	

Total	235,360	100%
Project cost	235,360	input from bid line item
Allow. & Fee	44,144	input from bid line item
Pre-Const. Svcs	0	input from bid line item
TOTAL	279,504	

DEPARTMENT INPUT
CONSTRUCTION CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

Check applicable Ordinance(s): 90-143 Responsible Wage and Benefits 03-237 (formerly 03-1) Community Workforce Program

PROJECT INFORMATION See attachment

Contract/Project/*Work Order No.: MCC-T-072-F

*Reference corresponding project number when submitting a work order

Contract/Project Title: MIA - Lower Concourse E Mechanical Rooms Upgrades

Description/Scope of Work: Repair leaks and upgrades to mechanical rooms consisting of new flashings, replace soffits, provide roof repairs, demolition of hollow metal doors, replace weather strips, install new doors, paiting, and all necessary upgrades to HVAC system.

Estimated Cost: \$279,503.82 Funding Source: Aviation

Location of Project (street address or beginning and ending points) i.e. 12345 NE 23rd Ct or Starts at 135 St. ends at 145 St.

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CWP) See attachment

Engineer/Department or Agency's estimated required workforce for Project Work Order :

Trade/Skills Required	Est. # of workforce required per trade	Est. # of total days to complete job

Comments: _____

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability

RECOMMENDATION

Set-Aside: Level 1 Level 2 Level 3 Trade Set-Aside Sub-Contractor Goal Workforce Goal No Measure

Basis for Recommendation: _____

Date submitted to DBD: _____

Contact Person: _____

Telephone No.: _____

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CWP)

Construction Contract/Project Measure Analysis & Recommendation

Project Name: MIA- Lower Concourse E Mechanical Room Upgrades

Project Number: MCC-T-072-F

Trade/Skills Required	Estimated # of Workforce Required	Estimated # of Total Days to Complete
Miscellaneous General Work	4 Person	90 Days
Thermal & Moisture	4 Person	45 Days
Hollow Metal Doors	4 Person	30 Days
Painting	3 Person	40 Days
HVAC	5 Person	50 Days

Pre-Construction Project Order Draft #73

MCM, LLC
10/16/2017
MCC-8-10

PROJECT NAME: Lower Cc E Mechanical Room Upgrades

PROJECT NO: T072E

CONTRACT TITLE: Miscellaneous Construction Contracts, MCC-8-10

DATE: 10/16/2017

CONTRACTOR: MCM Corporation

PAGES: 1

PLEASE SUBMIT WITHIN 10 CALENDAR DAYS FROM THE DATE OF THIS PRE-CONSTRUCTION PROJECT ORDER DRAFT THE PROJECT CONSTRUCTION PACKAGING PLAN FOR THE SUBJECT PROJECT IN ACCORDANCE WITH THE CONTRACT AND THE CONDITIONS OF THIS PRE-CONSTRUCTION PROJECT ORDER DRAFT.

SCOPE:

The scope of work shall consist of but is not limited to: Masonry, Roofing, Doors, Door Hardware, Waterproofing systems, Finishes, Paint, Patch, Plaster, Stucco, Specialties, Mechanical HVAC, HVAC Insulation, Metal flashing of floor/ceiling ductwork penetrations, etc. Refer to attached documents for detailed information.

PLANS AND SPECIFICATIONS: Not Applicable at this time.

CSBE CONTRACT MEASURES: Emergency Basis – Operational Use by MDAD

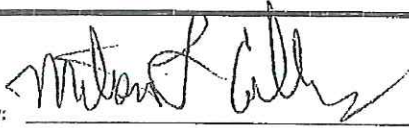
TIME OF COMPLETION: To be performed in 90 calendar days from effective date of Notice to Proceed.

JUSTIFICATION:

The international processing operation at D-FIS has become a safety and revenue issue for the airport due to the increased number of international passengers that are delayed due to the lack of processing capacity in the Federal Inspection Facilities (FIS). The E-FIS area needs to be re-opened, upgraded and remodeled in order to meet the demand of processing 2,000 to 4,000 passengers within any given hour by June 2017 due to projected increases in international flights, therefore creating an even more hazardous situation/condition. In order to accommodate these heavy passenger loads, re-opening of the EFIS facility is necessary in order to alleviate the safety congestions and negative revenue impacting the operations of the airport.


In order for the E-FIS facility to remain operational, the upgrade work needs to be done as an emergency basis, whereby construction must begin by no later than December 4th, 2017. A site visit by the general contractor alongside the airport supervisor and project manager was conducted on September 15th, 2017 to identify the scope and prepare a preliminary estimate.


By: N/A
APPROVED: PROJECT CONSULTANT
PRINT NAME: _____ DATE _____

By:  12/5/17
RECOMMENDED: MGR. MINORITY AFF.
PRINT NAME: Milton Collins DATE _____

By:  12/4/17
RECOMMENDED: MDAD PROGRAM MANAGER
PRINT NAME: Richard Cabrera DATE _____

By: N/A
RECOMMENDED: HNTB
PRINT NAME: Jose Diaz DATE _____

By:  12-6-17
RECOMMENDED: MDAD SECTION CHIEF
PRINT NAME: Enrique Perez DATE _____

By:  12/7/17
APPROVED: ASST. AVIATION DIR OF FACILITIES DEPT.
PRINT NAME: Pedro Hernandez DATE _____

cc: A/E, MDAD-Project Control, NTD Project Control, MDAD-Minority Affairs, MCM Corp., HNTB, MDAD Project Manager, Project File.



January 29, 2018

Mr. Richard Cabrera
Project Manager
Miami Dade Aviation Department
P.O. Box 025504
Miami, Florida 33102-5504

RE: MIA – Lower Concourse E Mechanical Room Upgrades
MCC-T-072-F

Dear Mr. Cabrera:

We are pleased to present to you the following **Project Construction Packaging Plan** for the above referenced project, based on MDAD detailed scope of work dated December 7, 2017, #MCC8-PCPOD#73.

Project Estimate: \$279,503.82 (Two Hundred Seventy Nine Thousand, Five Hundred Three Dollars and Eighty Two Cents).

Liquidated Damages and Liquidated Indirect: \$ N/A Calendar Days

This project is to be completed in approximately 90 calendar days.

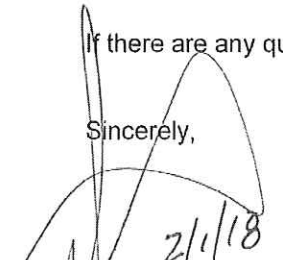
This estimate is broken down on the attached spreadsheet, and is based on the following conditions.

Drawing	Title	Date
	N/A	

1. Work to begin, after approved Project Order and after receipt of approved Building Permits and Notice to Proceed.
2. This estimate includes an allowance account for unforeseen conditions.
3. This estimate will stay in effect for a period of not more than thirty (30) days from the date of this correspondence.

If there are any questions, please do not hesitate to contact me.

Sincerely,


2/1/18
Alberto Calderin
MIA-MCC-8-10
General Manager
/gm

Cc: Milton Collins – MDAD Minority Affairs Division

Munilla Construction Management, LLC (MCM) Bid Line Item Sheet

Project Name: MIA - Lower Concourse E Mechanical Room Upgrades

Project No.: I MCC-T-072F

ITEM NO.	DESCRIPTION	SBE/C TRADE SET-ASIDE		AMOUNT
	Miscellaneous General Work	PKG. A		\$29,294.33
	Thermal & Moisture	PKG. B		\$15,300.62
	Hollow Metal Doors	PKG. C		\$20,606.50
	Painting	PKG. D		\$74,120.97
	HVAC	PKG. E		\$96,037.33
	Subtotal			\$235,359.75
	Allowance Account (10%)			\$23,535.98
	Subtotal			\$258,895.73
	MCC Fee (.0796%)			\$20,608.10
	TOTAL			\$279,503.82