

Memorandum



Date: August 27, 2015

To: Gary Hartfield, Division Director
Internal Services Department, Small Business Development

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

A handwritten signature in black ink, appearing to be "MLC", written over the printed name of Milton L. Collins.

Subject: SBE/Construction Contract Measures Recommendation
MIA - Satellite E Airside Improvements - Package #1 General Conditions, Pavement
Markings, MOT, and Electrical Work
(Pre-Cont. POD #41), MCC -U-010-D

The Minority Affairs Division has reviewed the subject project for recommendation of contract measures and concurs with the MCC-8-10 Contractor Recommendation of Trade Set-Aside(s) in the following Trade Package(s):

- Package "A" General Work
- Package "B" Pavement Markings
- Package "C" Electrical

The Trade package represents \$1,400,000.00 of \$1,665,589.00. The Community Workforce Program (CWP) breakdown is attached for the required goal.

If further information is needed, please call me at (305) 876-7221 or C. Corrales at (305) 876-7991.

cc: L. Johnson, SBD
C. Taylor, SBD
R. Garcia, MDAD
A. Calderin, MCM
V. Mirabal, MCM
C. Corrales, MDAD
File



Date: August 12, 2015
To: Milton L. Collins, Associate Director, MDAD Minority Affairs
From: Alberto Calderin, Munilla Construction Management, LLC (MCM) - MCC-8-10
Subject: **SBE/CONSTRUCTION Contract Measures Recommendation**
MIA – Satellite E Airside Improvements – Pkg. 1 General Conditions, Pavement Markings, MOT,
and Electrical Work (Pre-Cont. POD #41), MCC-U-010-D



This is a request for the Miami-Dade County Regulatory and Economic Resources Department, Small Business Development to review the following recommendation for SBE/CONSTRUCTION contract measures, in order for the MCC-8-10 Contractor to proceed with the necessary work for MOT implementation and maintenance, pavement marking removal and installation, demolition of baggage chutes, removal of bollards, demolition of passenger boarding bridges and fixed walkway foundations and miscellaneous concrete structures, as well as providing temporary electrical power and electrical modifications.

The Contractor's staff has evaluated the project and recommends a SBE/CONSTRUCTION trade set-aside measures for the following trades:

- Package "A" General Work
- Package "B" Pavement Markings
- Package "C" Electrical

The suggested SBE/CONSTRUCTION subcontract items are listed on the Department Contract Measures Recommendation and Analysis form attached. This evaluation is based the SBE/CONSTRUCTION Certification List as of July 29, 2015 from the Department of Small Business Development.

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

Total suggested Small Business Enterprise/Construction participation for this project is:

84% or \$1,400,000.00 of \$1,665,589.00

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 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.

C: Reynaldo Garcia - MDAD
File

Ginny Mirabal

From: Garcia, Reynaldo J. (Aviation) [RJGarcia@miami-airport.com]
Sent: Friday, August 14, 2015 12:41 PM
To: Ginny Mirabal
Cc: Bao-Garciga, Aida (Aviation); Hernandez, Pedro (Aviation)
Subject: E-Satellite PLB MCC8-10 Pre-Cosnt. POD # 41 justification - Project No. U010D

Ginny:

Below is the justification for POD # 41 MIA Sat. E Airside Improvements – Package 1: General Conditions, Pavement Markings, MOT, and Electrical Work. PROJECT NO: U010D____

Justification for Pre-Construction:

The modifications to the nine (9) Satellite "E" Gates will be performed in multiple phases and also separated by construction scopes. Due to the complexity of the work, duration, and the need to avoid any expensive transition between contractors under the same scope/division, it is necessary that the project scope work is separated by packages. It is important that continuity be kept throughout the entire project, to guaranty a smooth coordination between phases. The project construction scheduled will arrange the work by phases to minimize any interruption to MIA services, to the airport tenants, and MIA revenue.

Thank you,
Reynaldo J. Garcia CM3 CGC

**DEPARTMENT CONTRACT MEASURES RECOMMENDATION AND ANALYSIS
CSBE**

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

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

Project/Contract Title: MIA-Satellite E Airside Improvements-Pkg 1: General Conditions,
Pavement Markings, MOT and Electrical Work

Contract Number: MCC-U-010-D

Department: Aviation

Estimated Cost of Project/Bid: 1,665,589.00 Funding Source: Aviation Bonds

Description of Project/Bid: During the expansion of Satellite E by other contractors, MOT implementation must be maintained, removal/installation of new pavement markings, & electrical modifications

Contract Measures Recommendations

Set aside Trade Set aside | 1,400,000 | 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>
Pkg. "A" General Work	300,000	18.0%	
Pkg. "B" Pavement Markings	200,000	12.0%	
Pkg. "C" Electrical	900,000	54.0%	

Total	1,400,000	84%
Project cost	1,400,000	input from bid line item
Allow. & Fee	262,584	input from bid line item
Pre-Const. Svcs	3,005	input from bid line item
Goal basis	1,665,589	

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-U-010-D
 *Reference corresponding project number when submitting a work order

Contract/Project Title: MIA - Satellite E Airside Improvements - Pkg 1 General Conditions, Pavement Markings, MOT, and Electrical Work (Pre-Const. #41)

Description/Scope of Work: MOT Implementation and Maintenance, Pavement Markings Removal and Installation, as well as electrical modifications within Concourse E Satellite

Estimated Cost: \$1,665,589.00 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.
Miami International Airport - Concourse E Satellite

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.: _____



August 12, 2015

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

RE: MIA – Satellite E Airside Improvements – Pkg 1: General Conditions, Pavement
Markings, MOT, and Electrical Work (Pre-Const. POD #41)
MCC – U-010-D

Dear Mr. Garcia:

We are pleased to present to you the following **Project Construction Packaging Plan** for the above referenced project, based on 100% completed drawings prepared by:

T.Y.LIN International
201 Alhambra Circle, Suite 900
Coral Gables, FL 33134
305-567-1888

Project Estimate: **\$1,665,589.00** (One Million Six Hundred Sixty Five Thousand Five Hundred Eighty Nine Dollars and Zero Cents).

Liquidated Damages and Liquidated Indirect: **\$ 300.00/day** as per General Conditions Item 7.6.

This project is one of four phases, which is to be completed in approximately **579** calendar days from effective Notice to Proceed.

This estimate is broken down on the attached spreadsheet, and is based on the following condition:

Drawing	Title	Date
G-001	Cover Sheet	7/27/15
G-002	Index, Abbreviations, and Legend	7/27/15
G-003	Summary of Quantities	7/27/15
G-004	Notes	7/27/15
G-100	F.A.R. Part 77 Height Restrictions and Access Routes	7/27/15
G-120	Soil Boring and GPR Location Plan	7/27/15
G-121	Soil Boring Log	7/27/15
G-130	Survey Control Plan	7/27/15
G-200	Existing Conditions	7/27/15
G-201	Existing Conditions	7/27/15
G-202	Existing Conditions	7/27/15
G-203	Existing Conditions	7/27/15
G-204	Existing Conditions	7/27/15
MOT-800	MOT and Safety Details	7/27/15
C-100	Demolition Plan	7/27/15
C-101	Demolition Plan	7/27/15
C-102	Demolition Plan	7/27/15
C-103	Demolition Plan	7/27/15

Mr. Reynaldo Garcia
Miami Dade Aviation Department
MCC-U-010-D

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C-104	Demolition Plan	7/27/15
C-200	Overall Pavement Rehabilitation Plan	7/27/15
C-300	Concrete Paving and Repair Plan	7/27/15
C-301	Concrete Paving and Repair Plan	7/27/15
C-302	Concrete Paving and Repair Plan	7/27/15
C-303	Concrete Paving and Repair Plan	7/27/15
C-304	Concrete Paving and Repair Plan	7/27/15
C-400	Asphalt Paving Plan	7/27/15
C-401	Asphalt Paving Plan	7/27/15
C-402	Asphalt Paving Plan	7/27/15
C-403	Asphalt Paving Plan	7/27/15
C-404	Asphalt Paving Plan	7/27/15
C-800	Paving Details	7/27/15
C-801	Paving Details	7/27/15
C-802	Paving Details	7/27/15
C-803	Paving Details	7/27/15
CP-800	Pavement Marking Details	7/27/15
CP-801	Pavement Marking Details	7/27/15
SWP-100	SWPPP Plan	7/27/15
E-001	Electrical General Notes	7/27/15
E-100	60Hz Electrical Demolition Plan	7/27/15
E-101	60Hz Electrical Demolition Plan	7/27/15
E-200	60Hz Electrical Plan	7/27/15
E-201	60Hz Electrical Plan	7/27/15
E-300	Power Single Line Diagram	7/27/15
E-400	Panel Schedules	7/27/15
E-500	Electrical Details	7/27/15
F-001	Jet Fuel System Notes	7/27/15
F-100	Jet Fuel System Plan	7/27/15
F-111	Jet Fuel System Demolition Plan – South	7/27/15
F-112	Jet Fuel System Demolition Plan – North	7/27/15
F-121	Proposed Jet Fuel System Plan – South	7/27/15
F-122	Proposed Jet Fuel System Plan – North	7/27/15
F-801	Jet Fuel Hydrant Pit Details	7/27/15
F-802	Jet Fuel System Details	7/27/15
F-803	Jet Fuel Piping Integrity Testing and Flushing Details	7/27/15
FCP-100	Cathodic Protection System Plan and Details	7/27/15
FCP-101	Cathodic Protection System Plan and Details	7/27/15
FCP-102	Cathodic Protection System Plan and Details	7/27/15
FCP-103	Cathodic Protection System Plan and Details	7/27/15
S-100	PBB Foundations Plan	7/27/15
S-101	PBB Foundations Plan	7/27/15
S-102	PBB Foundations Plan	7/27/15
S-103	PBB Foundations Plan	7/27/15
S-104	PBB Foundations Plan	7/27/15
S-800	PBB Drilled Shaft Foundation and Details	7/27/15
S-801	Bollard Detail	7/27/15

Mr. Reynaldo Garcia
Miami Dade Aviation Department
MCC-U-010-D

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1. Work to begin, after approved Project Order and after receipt of approved Building Permits and Notice to Proceed.
2. This proposal includes an allowance account for unforeseen conditions.
3. This proposal 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,



Alberto Calderin
MIA-MCC-8-10
General Manager

/gm

8/13/15

Cc: File

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

Project Name: MIA - Satellite E Airside Improvements - Pkg. 1: General Conditions, Pavement Markings, MOT,
and Electrical Work (Pre-Const. POD #41)

Project No.: MCC-U-010-D

ITEM NO.	DESCRIPTION	Pkg	Contract Measures	AMOUNT
	General Work	A	SBE/Const.	\$300,000.00
	Pavement Markings	B	SBE/Const.	\$200,000.00
	Electrical	C	SBE/Const.	\$900,000.00
	Subtotal			\$1,400,000.00
	Allowance Account (10%)			\$140,000.00
	Subtotal			\$1,540,000.00
	MCC Fee (7.96 %)			\$122,584.00
	SUBTOTAL			\$1,662,584.00
	Pre-Construction Project Order Draft Service Cost:	Hours	Rate	
	Estimator - hourly rate	20	\$42.00	\$840.00
	Scheduler/Safety Coordinator - hourly rate		\$35.75	\$0.00
	CSBE Program Manager - hourly rate		\$41.00	\$0.00
	CSBE Clerk - hourly rate		\$26.50	\$0.00
	Dedicated Additional Staff - Project Manager	20	\$55.25	\$1,105.00
	Dedicated Additional Staff - Clerk 1	20	\$26.50	\$530.00
	Dedicated Additional Staff - Clerk 2	20	\$26.50	\$530.00
	TOTAL			\$1,665,589.00