

Memorandum

MIAMI-DADE
COUNTY

Date: August 28, 2015

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

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

Subject: SBE/Construction Contract Measures Recommendation
MIA-Satellite E Airside Improvements-Package #2 Pavement/Concrete Work
(Pre-Const. POD #42
MCC-V040A-2

RECOMMENDATION:

This is a request for the Small Business Development Division to approve the subject project in order for the Aviation Department to proceed with the **MIA-Satellite E Airside Improvements-Package #2 Pavement/Concrete Work (Pre-Const. POD #42), MCC-V040A-2** project. The Minority Affairs Division and the Contractor's staff has reviewed the subject project and recommends an **SBE/Construction Goal of 15%**. **The SBE- Goods & Services are not applicable.** This contract involves extensive concrete work, including demolition of pavement, concrete cutting, repairs, installation of bollards, sealing of new joints and reinforced PCC pavement 16 inch thick. Therefore SBE/G & S measures are not applicable.

The Aviation Department requires a specialty trade contractor who has had prior experience in similar application of aviation runway pavement. It is of the utmost importance that the contractor has experience of working with delicate and dangerous existing and new fuel lines using a specialty material typical of airports only. Therefore, this project is being submitted for review for an SBE/Construction goal basis only.

The estimated project amount will be \$3,565,685.00. The Term of the proposal: Work to begin after Project Order and after receipt of approved Building Permits and Notice to Proceed. This project is one of four phases, which is to be completed in approximately (579) calendar days from effective Notice to Proceed.

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.

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.

SBE/Construction Contract Measures Recommendation
MIA-Satellite E Airside Improvements-Package #2 Pavement/Concrete Work
(Pre-Const. POD #42
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The Community Workforce Program (CWP) breakdown is attached for the required goal. Attached are MDAD's Contract Measures Analysis Worksheet, Breakdown of Services to be performed and other supporting documents.

Please advise if further information is needed in order to complete this process. Please contact me at 305-876-7221 or C. Corrales at 305-876-7991 if there are questions.

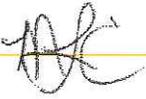
Attachments

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

REVISED MDAD's CONTRACT MEASURES AND ANALYSIS WORKSHEET

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

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



PROJECT/CONTRACT TITLE: MIA-Satellite "E" Airside Improvements –
Package #2 Pavement/Concrete Work (Pre-
Const. POD #42)

PROJECT/CONTRACT NUMBER: MCC-V040A-2

DEPARTMENT: Miami Dade Aviation Department

ESTIMATED PROJECT COST: \$3,565,685.00

FUNDING SOURCE: Aviation Bonds

DESCRIPTION OF PROJECT/BID:

The Scope of Work provides for 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.

CONTRACT MEASURES RECOMMENDATION:

Measures: 15% SBE/Construction Goal

SBE-G & S Not Applicable

REASONS FOR RECOMMENDATION:

Analysis of the factors contained in Implementing Order #3-32 indicates that a SBE-Construction Goal of 15% is appropriate for this contract.



Date: August 12, 2015
To: Milton L. Collins, Associate Director, MDAD Minority Affairs
From: Alberto Calderin, Munilla Construction Management, LLC (MCM) - MCC-8-10 *Alberto Calderin*
Subject: **SBE/CONSTRUCTION Contract Measures Recommendation**
MIA – Satellite E Airside Improvements – Pkg. 2 Pavement/Concrete Work (Pre-Cont. POD #42),
MCC-V040A-2

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 extensive concrete work, including demolition of pavement, concrete cutting, repairs, installation of bollards, sealing of new joints and reinforced PCC pavement 16 inch thick. The Aviation requires a specialty trade contractor who has had prior experience in similar application of aviation runway pavement. It is of the utmost importance that the contractor has experience of working with delicate and dangerous existing and new fuel lines using a specialty material typical of airports only. Therefore, this project is being submitted for review for a SBE/CONSTRUCTION goal basis only.

The Contractor's staff has evaluated the project and recommends a **SBE/CONSTRUCTION Goal of 15%** contract measure for the following trades:

- Pavement/Concrete Work

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 **GOAL** participation for this project is:

15% Goal or \$540,000.00 of \$3,565,685.00

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



August 12, 2015

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

RE: MIA – Satellite E Pavement Rehabilitation – Pkg 2: PCC Pavement/Concrete Work (Pre-Const. POD #42)
MCC – V040A-2

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: **\$3,565,685.00** (Three Million Five Hundred Sixty Five Thousand Six Hundred Eighty Five 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
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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
		7/27/15

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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

lgm 8/13/15

Cc: File

**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-8-10

Project/Contract Title: MIA-Satellite E Pavement Rehabilitation-Pkg 2: PCC Pavement
(Pre-Const POD #42)

Contract Number: MCC-V040A-2

Department: Aviation

Estimated Cost of Project/Bid: 3,565,685.00

Funding Source: Aviation Bonds

Description of Project/Bid: During the expansion of Satellite E by other contractors, the following concrete work will be performed; concrete cutting, concrete repairs, installation of bollards, sealing of new joints, and reinforced PCC pavement 16-inch thick

Contract Measures Recommendations

Set aside Trade Set aside 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>
Pavement/Concrete Work	540,000	15.1%	
		-0.0%	
		0.0%	

Total	540,000	15%
Project cost	3,000,000	input from bid line item
Allow. & Fee	562,680	input from bid line item
Pre-Const. Svcs	3,005	input from bid line item
Goal basis	3,565,685	

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CWP)

Construction Contract/Project Measure Analysis & Recommendation

Project Name: MIA - Satellite E Pavement Rehabilitation - Pkg. 2: PCC Pavement

(Pre-Const. POD #42)

Project Number: MCC-V040A-2

Trade/Skills Required	Estimated # of Workforce Required	Estimated # of Total Days to Complete
Pavement/Concrete Work	8 Persons	350 Days

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

Project Name: MIA - Satellite E Pavement Rehabilitation - Pkg. 2 - PCC Pavement (Pre-Const. POD #42)

Project No.: MCC-V040A-2

ITEM NO.	DESCRIPTION	Pkg	Contract Measures SBE/Const.	AMOUNT
	Pavement/Concrete Work		Goal - 15%	\$3,000,000.00
	Subtotal			\$3,000,000.00
	Allowance Account (10%)			\$300,000.00
	Subtotal			\$3,300,000.00
	MCC Fee (7.96 %)			\$262,680.00
	SUBTOTAL			\$3,562,680.00
	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			\$3,565,685.00

Taylor, Coralee (ISD)

From: Corrales, Caridad (Aviation) <CCORRALES@miami-airport.com>
Sent: Friday, August 28, 2015 3:03 PM
To: Hartfield, Gary (ISD); Clark, Veronica (ISD)
Cc: Johnson, Laurie (ISD); Taylor, Coralee (ISD); Alberto Calderin (acalderin@mcm-us.com); vmirabal@MCMCORP.com; Garcia, Reynaldo J. (Aviation); Hernandez, Pedro (Aviation); Bao-Garciga, Aida (Aviation)
Subject: Contract Measure Recommendation MCC-V040A-2
Attachments: 20150828145348229.pdf

Good afternoon, as an attachment is the MIA-Satellite E Airside Improvements-Package #2 Pavement/Concrete Work (Pre-Const. POD #2), Project No., MCC-V040A-2.

Please advise our office if additional information is needed in order to complete this process to obtain a project worksheet.

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