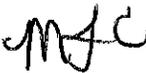


Memorandum



Date: May 29, 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

Subject: Recommendation of Contract Measures Request: MIA-CC "G" Switchgear
Replacement and Ground Support Services Project No. MCC S100A

The Minority Affairs Division has reviewed the subject project for the Recommendation of Contract Measures and concurs with the MCC-8-10 Contractor' recommendation for an **SBE/Construction Trade Set-Aside Measure for Electrical work, Package "A", based on availability.**

The total suggested SBE/Construction participation for this project is **84% or \$3,622,334.00 of \$4,303,754.97.**

Also attached is the Community Workforce Program (CWP) breakdown.

If additional information is needed to complete this process, please call me at (305) 876-7221 or C. Corrales at (305) 876-7991.

Attachments (8)

c: L. Johnson, SBD
C. Taylor, SBD
A. Calderin, MCM
V. Mirabal, MCM
E. Perez, MDAD
C. Corrales, MDAD
Project file



Date: May 19, 2015
To: Milton L. Collins, Associate Director, MDAD Minority Affairs
From: Alberto Calderin, Munilla Construction Management, LLC (MCM) - MCC-8-10
Subject: **SBE / Construction Recommendation**
MIA- CC G Switchgear Replacement and Ground Support Services, MCC S100A

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 to upgrade all switchboards, panels, and associated feeders to include a new transformer. This work is to be performed at MIA – Concourse G.

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

- Package "A" 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 May 19, 2015 from the Department of Small Business Development.

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

Total suggested SBE / CONSTRUCTION participation for this project is:

84% or \$3,622,334.00 of \$4,303,754.97

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.

C: Enrique Perez - MDAD
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

Project/Contract Title: MIA - CC G Existing Switchgear Replacement and Ground Support Services

Contract Number: MCC- S100A

Department: Aviation

Estimated Cost of Project/Bid: 4,303,754.97 Funding Source: Aviation Bonds

Description of Project/Bid: Upgrade of switchboards, panels, and associated feeders to include a new transformer. Work located in Concourse G, 2nd level.

Contract Measures Recommendations

Set aside Trade Set aside | 3,622,334 | 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>CSBE Availability</u>
Pkg. "A" Electrical Construction	3,622,334	84.2%	
Total	3,622,334	84%	
Project cost	3,622,334	input from bid line item	
Allow. & Fee	679,405	input from bid line item	
Pre-Const. Svcs	2,016	input from bid line item	
Goal basis	4,303,755		

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 S100A

*Reference corresponding project number when submitting a work order

Contract/Project Title: MIA-CC G Existing Switchgear Replacement and Ground Support Services

Description/Scope of Work: Upgrade to all Switchboards, Panels, and Associated Feeders to include a new transformer at MIA - Concourse G

Estimated Cost: \$4,303,754.97 Funding Source: _____

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-CC G Existing Switchgear Replacement and Ground Support Services

Project Number: MCC-S100A

Trade/Skills Required	Estimated # of Workforce Required	Estimated # of Total Days to Complete
Electrical Work	10 Person	576 Days



May 19, 2015

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

RE: MIA- CC G Existing Switchgear Replacement and Ground Support Services
MCC- S100A

Dear Mr. Perez:

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

Ross & Baruzzini
7205 NW 19th St, Ste 501
Miami, FL 33126
James M. Mindur
(305) 477-8338

Project Estimate: \$4,303,754.97 (Four Million Three Hundred and Three Thousand Seven Hundred and Fifty Four Dollars and Ninety Seven Cents).

Liquidated Damages / Liquidated Indirect Costs: \$100.00 per calendar days (per General Conditions Item 7.6).

This project is to be completed in approximately 576 calendar days.

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

Drawing	Title	Date
E-1.0	MIA Airport Site Plan	4/29/14
E-1.1	General Notes & Symbols	4/29/14
E-2.1	Demolition -- Concourse G -- South	4/29/14
E-2.2	Demolition -- Concourse G -- North	4/29/14
E-2.3	Existing Main Electrical Room -- Concourse G	4/29/14
E-2.4	Existing One Line Diagram -- MIA Concourse G	4/29/14
E-2.5	Existing Switchboard #1, #2, & #3 -- One Line Diagrams	4/29/14
E-3.1	Partial Power Plan -- Ground Power System -- Concourse G South	4/29/14
E-3.2	Partial Power Plan -- Ground Power System -- Concourse G North	4/29/14
E-3.3	Partial Power Plan -- AC Units -- Concourse G -- South	4/29/14
E-3.4	Partial Power Plan -- AC Units -- Concourse G -- North	4/29/14

Mr. Enrique Perez
Miami Dade Aviation Department
MCC-S100A

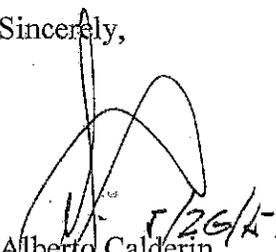
May 19, 2015
Page 2

E-5.0	MLA Concourse G Power Supply System – One Line Diagram	4/29/14
E-5.1	Switchboard MDP1 – One Line Diagram	4/29/14
E-5.2	Switchboard MDP2 – One Line Diagram	4/29/14
E-5.3	Switchboard MDP3 – One Line Diagram	4/29/14
E-5.4.1	Ground Power Service – One Line Diagram – 1 of 3	4/29/14
E-5.4.2	Ground Power Service – One Line Diagram – 2 of 3	4/29/14
E-5.4.3	Ground Power Service – One Line Diagram – 3 of 3	4/29/14
E-6.1	Panel Schedules – Concourse G	4/29/14
E-7.1	Main Electrical Room – Concourse G	4/29/14

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,



Alberto Calderin
MIA MCC-8-10
General Manager

/gm

Cc: File

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

Project Name: MIA CC G Existing Switchgear Replacement and Ground Support Services

Project No.: I S100A

ITEM NO.	DESCRIPTION	CSBE TRADE SET ASIDE		AMOUNT
		Pkg "A"	CSBE	
1600-100	Electrical	Pkg "A"	CSBE	\$3,622,334.00
	Subtotal			\$3,622,334.00
	Allowance Account (10%)			\$362,233.40
	Subtotal			\$3,984,567.40
	MCC Fee (7.96 %)			\$317,171.57
	SUBTOTAL			\$4,301,738.97
	Pre-Construction Project Order Draft Service Cost:	Hours	Rate	
	Estimator - hourly rate	48	\$42.00	\$2,016.00
	TOTAL			\$4,303,754.97



PROJECT ESTIMATE

Gear Replacement - ROM

18-May-15

PROJECT: Gear Replacement - ROM
 LOCATION:
 DESCRIPTION: MDAD Int. Work
 MINORITY REQ: 100% Set Aside

DURAT: (Specs/MCM):
 BUDGET: 2000000
 SQFT: 50,000
 ADDENDA:

BID DATE:
 BID TIME: 2:00:00PM
 LIQ. DAMG.: TBD

1 MISCELLANEOUS GRAL WORK							
1214.000	QA/QC Rep	B	205,733				205,733
1312.000	Exsting Conditions Survey	B			3,500		3,500
1320.000	Construction Photographs	B			1,000		1,000
1340.000	Plans Reproduction	B			1,250		1,250
1450.000	X-Ray Testing	B			2,000		2,000
1528.000	Project Safety	B			5,000		5,000
1528.200	Safety Labor	B	90,000				90,000
1528.500	First Aid Kit OSHA	B			527		527
1530.000	Barriers & Enclosures	B			2,500		2,500
1541.000	Protection Of Work	B			5,000		5,000
1554.000	Staging Area	B			3,000		3,000
1570.000	Miscellaneous Tools	B			5,000		5,000
1580.000	Temporary Project signs	B		0	1,000		1,000
1600.000	Rental Dumpsters	B				30,000	30,000
1601.000	Rental Equipment	B			5,000		5,000
1700.000	Final Cleaning	B				18,000	18,000
MISCELLANEOUS GRAL WORK TOTAL			295,733	0	34,777	48,000	378,510

16 ELECTRICAL SYSTEMS							
16100.000	Electrical Work	B				7,260	7,260
16105.000	Distribution Panels to be removed	B				6,000	6,000
16105.005	Existing Switch Boards to be replac	B	225,000			300,000	525,000
16105.010	Existing Feeders to panels to be ref	B - Use Existing Conduit				2,513,710	2,513,710
16105.015	New Conduits and Feeders	B - From Panels to Gates				191,854	191,854
ELECTRICAL SYSTEMS TOTAL			225,000			3,018,824	3,243,824

SUBTOTAL COST WITHOUT ADD-ONS 3,622,334

ADD-ONS SUBTOTAL	
Owner's Allowance	362,300
Subtotal	3,984,600
Overhead & Profit	317,200
ADD-ONS TOTAL	679,500

TOTAL PRICE: \$4,301,334

Disconnect and Panel	400A-3P NEMA 3R	1	EA	\$	2,221.73	\$	2,221.73
New Conduits to G9	3#1/0, #6G, 2.0" Conduit - VD=0.2%	27	LF	\$	31.49	\$	850.24
Disconnect and Panel	200A-3P NEMA 3R	1	EA	\$	504.76	\$	504.76
New Conduits to G10	3-500KCM, #3G, 3" Conduit - VD=0.3%	150	LF	\$	49.61	\$	7,441.58
Disconnect and Panel	400A-3P NEMA 3R	1	EA	\$	2,221.73	\$	2,221.73
New Conduits to G10	3-250KCM, #4G, 2.5" Conduit - VD=0.3%	150	LF	\$	38.14	\$	5,720.78
Disconnect and Panel	400A-3P NEMA 3R	1	EA	\$	2,221.73	\$	2,221.73
New Conduits to G11	3-500KCM, #3G, 3" Conduit - VD=0.4%	223	LF	\$	49.61	\$	11,063.14
Disconnect and Panel	400A-3P NEMA 3R	1	EA	\$	2,221.73	\$	2,221.73
New Conduits to G11	3-250KCM, #4G, 2.5" Conduit - VD=0.5%	223	LF	\$	38.14	\$	8,504.89
Disconnect and Panel	400A-3P NEMA 3R	1	EA	\$	2,221.73	\$	2,221.73
New Conduits to G12	3-500KCM, #3G, 3" Conduit - VD=0.2%	23	LF	\$	49.61	\$	1,141.04
Disconnect and Panel	400A-3P NEMA 3R	1	EA	\$	2,221.73	\$	2,221.73
New Conduits to G12	3-250KCM, #4G, 2.5" Conduit - VD=0.2%	23	LF	\$	31.49	\$	724.28
Disconnect and Panel	200A-3P NEMA 3R	1	EA	\$	504.76	\$	504.76
New Conduits to G14	3-500KCM, #3G, 3" Conduit - VD=0.3%	175	LF	\$	49.61	\$	8,681.84
Disconnect and Panel	400A-3P NEMA 3R	1	EA	\$	2,221.73	\$	2,221.73
New Conduits to G14	3-250KCM, #4G, 2.5" Conduit - VD=0.4%	175	LF	\$	38.14	\$	6,674.24
Disconnect and Panel	400A-3P NEMA 3R	1	EA	\$	2,221.73	\$	2,221.73
New Conduits to G15	3-500KCM, #3G, 3" Conduit - VD=0.3%	117	LF	\$	49.61	\$	5,804.43
Disconnect and Panel	400A-3P NEMA 3R	1	EA	\$	2,221.73	\$	2,221.73
New Conduits to G15	3#1/0, #6G, 2.0" Conduit - VD=0.4%	117	LF	\$	31.49	\$	3,684.39
Disconnect and Panel	200A-3P NEMA 3R	1	EA	\$	504.76	\$	504.76
New Conduits to G16	3-500KCM, #3G, 3" Conduit - VD=0.3%	52	LF	\$	49.61	\$	2,579.75
Disconnect and Panel	400A-3P NEMA 3R	1	EA	\$	2,221.73	\$	2,221.73
New Conduits to G16	3-250KCM, #4G, 2.5" Conduit - VD=0.3%	52	LF	\$	38.14	\$	1,983.20
Disconnect and Panel	400A-3P NEMA 3R	1	EA	\$	2,221.73	\$	2,221.73
New Conduits to G19	3-500KCM, #3G, 3" Conduit - VD=0.6%	204	LF	\$	49.61	\$	10,120.54
Disconnect and Panel	400A-3P NEMA 3R	1	EA	\$	2,221.73	\$	2,221.73
New Conduits to G19	3-250KCM, #4G, 2.5" Conduit - VD=0.7%	204	LF	\$	38.14	\$	7,780.25
Disconnect and Panel	400A-3P NEMA 3R	1	EA	\$	2,221.73	\$	2,221.73

\$ 3,243,824.49