


# Memorandum



**Date:** May 1, 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 - PC Air Temporary EGCW Plant for Lower Service  
Project No. MCC-U-010-D-2

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## **RECOMMENDATION:**

This is a request for Small Business Development (SBD) to review the following recommendation for SBE/Construction contract measures, in order for the Department to proceed in obtaining a Small Business Development Project Worksheet for the MIA – PC Air Temporary EGCW Plant for Lower Service, Project No. MCC-U-010-D-2. 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" Roofing
- Package "C" HVAC
- Package "D" Electrical

## **PROJECT DESCRIPTION:**

The work includes but is not limited to upgrading the aging main chiller plant at Satellite E, to accommodate the addition of pre-cooled PLBs at Concourse "E" and Satellite "E" at Miami International Airport.

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

The Project Estimated Cost is \$2,745,697.53. The Total suggested SBE/Construction participation for this project is 100% or \$2,312,049.52 (Trade Set-Aside).

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.

Recommendation of Contract Measures Request:  
MIA - PC Air Temporary EGCW Plant for Lower Service  
Project No. MCC-U-010-D-2  
Page 2 of 2

Please advise if additional information is needed.

c: L. Johnson, SBD  
A. Calderin, MCM  
V. Mirabal, MCM  
I. McNeill, MCM

**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,LLC (MCM) MCC-8-10

Project/Contract Title: MIA - PC Air Temporary EGCW Plant for Lower "E" Service

Contract Number: MCC-U-010-D-2

Department: Aviation

Estimated Cost of Project/Bid: 2,745,697.53 Funding Source: Aviation Bonds

Description of Project/Bid: Upgrade the aging main chiller plant at Satellite E, to accommodate the addition of pre-cooled PLBs at Concourse E and Satellite E at MIA.

**Contract Measures Recommendations**

Set aside  Trade Set aside | 2,312,050 | 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>
Misc. General Work - Pkg "A"	108,607	4.7%	
Roofing - Pkg. "B"	24,400	1.1%	
HVAC - Pkg. "C"	1,759,679	76.1%	
Electrical - Pkg. "E"	419,364	18.1%	

Total	2,312,050	100%
Project cost	2,312,050	input from bid line item
Allow. & Fee	433,648	input from bid line item
Pre-Const. Svcs	0	
Goal basis	2,745,698	

**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-2

\*Reference corresponding project number when submitting a work order

Contract/Project Title: MIA - PC Air Temporary EGCW Plant for Lower "E" Service

Description/Scope of Work: Upgrading the aging main chiller plant at Satellite E, to accommodate the addition of pre-cooled PLBs at Concourse E and Satellite E at Miami International Airport.

Estimated Cost: \$2,745,697.53                      Funding Source: Aviation

Location of Project (street address or beginning and ending points) i.e. 12345 NE 23<sup>rd</sup> 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 - PC Air Temporary EGCW Plant for Lower "E" Service

Project Number: MCC-U-010-D-2

Trade/Skills Required	Estimated # of Workforce Required	Estimated # of Total Days to Complete
Miscellaneous General Work	4 Person	180 Days
Roofing	4 Person	7 Days
HVAC	6 Person	90 Days
Electrical	5 Person	100 Days



April 30, 2018

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

RE: MIA – PC Air Temporary EGCW Plant for Lower “E” Service  
MCC-U-010-D-2

Dear Mr. Solorzano:

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:

Louis J. Aguirre & Associates, P.A.  
9150 S. Dadeland Blvd., Suite 900  
Miami, FL 33156  
(305) 670-0141

Project Estimate: **\$2,745,697.53** (Two Million Seven Hundred Forty Five Thousand Six Hundred Ninety Seven Dollars and Fifty Three Cents).

Liquidated Damages / Liquidated Indirect Costs: \$TBD

This project is to be completed in approximately 180 calendar days.

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

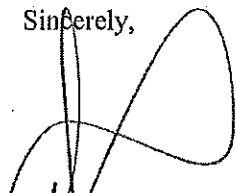
Drawing	Title	Date
E-0.00	SYMBOL LEGEND AND GENERAL NOTES ELECTRICAL	09/18/2017
E-2.00	NEW WORK OVERALL FLOOR PLAN ELECTRICAL	02/16/2018
E-3.00	NEW WORK FLOOR PLAN ELECTRICAL	09/18/2017
E-3.01	NEW WORK FLOOR PLAN ELECTRICAL	02/16/2018
E-3.02	NEW WORK ROOF PLAN ELECTRICAL	09/18/2017
E-5.00	NEW WORK RISER DIAGRAM / PNL. AND FEEDER SCHEDULE / DETAILS ELECTRICAL	09/18/2017
E-5.01	NEW WORK SHORT CIRCUIT CALC. DETAILS ELECTRICAL	02/16/2018
M-0.00	SYMBOLS, LEGEND AND GENERAL NOTES HVAC	09/18/2017
MD-3.00	DEMOLITION FLOOR PLAN HVAC	02/16/2018
M-1.00	KEY PLAN HVAC	02/16/2018
M-2.00	NEW WORK OVERALL FLOOR PLAN HVAC	02/16/2018
M-3.00	PROPOSED ROOF PLAN HVAC	02/16/2018

M-3.01	PROPOSED GROUND FLOOR PLAN HVAC	02/16/2018
M-5.00	SCHEMATIC DIAGRAM HVAC	09/18/2017
M-6.00	SCHEDULES HVAC	09/18/2017
M-7.00	DETAILS HVAC	02/16/2018
M-7.01	DETAILS HVAC	02/16/2018
M-7.02	CONTROLS HVAC	02/16/2018
M-7.03	REFERENCE DOCUMENTS	02/16/2018
M-7.04	REFERENCE DOCUMENTS	02/16/2018

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 - PC Air Temporary EGCW Plant for Lower "E" Service

Project No.: MCC-U-010D-2

ITEM NO.	DESCRIPTION	PKG.	Set Aside	AMOUNT
	Miscellaneous General Work	A	SBE/C	\$108,606.54
	Roofing Work	B	SBE/C	\$24,400.00
	HVAC	C	SBE/C	\$1,759,678.90
	Electrical	D	SBE/C	\$419,364.08
	<b>Subtotal</b>			\$2,312,049.52
	Allowance Account (10%)			\$231,204.95
	<b>Subtotal</b>			\$2,543,254.47
	MCC Fee (7.96%)			\$202,443.06
	<b>TOTAL</b>			\$2,745,697.53