


Memorandum



Date: August 9, 2017

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
MIA-Concourse "J" Gates Advanced Vehicle Visual Docking System (VDGSJ)
Project No. MCC-V100A

RECOMMENDATION:

This is a request for Small Business Development (SBD) to approve the subject project in order for the Department to proceed with the approval for the MIA-Concourse "J" Gates Advanced Vehicle Visual Docking System (VDGSJ), Project No. MCC-V100A. 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" Miscellaneous Metals
- Package "C" Electrical

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

PROJECT DESCRIPTION:

The work includes but is not limited to the procurement of the visual guidance system, preparation of the surfaces at each gate in Concourse "J", furnish and install columns, the installation of the equipment, and all associated electrical work needed.

The Project estimated cost is \$1,760,959.76. The total suggested SBE/Construction participation for this project is: 84% or \$1,760,959.76 of \$2,091,245.37. This project is to be completed in approximately (120) calendar days.

Please advise our office if additional information is needed to complete this process.

c: L. Johnson, SBD
A. Calderin, MCM
I. McNeill, MCM
G. Mirabal, MCM
S. Negreira, MDAD
C. Corrales, MDA
File



[Handwritten signature]
8/2/17

Date: July 27, 2017
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- Concourse "J" Gates Advanced Visual Docking Guidance System (VDGS) MCC-V-100-A

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 work associated with the above mentioned project. The work includes but is not limited to the procurement of the visual guidance system, preparation of the surfaces at each gate in Concourse "J", furnish and install columns, the installation of the equipment, and all associated electrical work needed.

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

- Package "A" Miscellaneous General Work
- Package "B" Miscellaneous Metals
- 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 2017 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 \$1,760,959.76 of \$2,091,245.37

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: Sergio Negreira – MDAD Project Manager
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 - Concourse J Gates Advanced Vehicle Visual Docking System (VDGSJ)

Contract Number: MCC-V100A

Department: Aviation

Estimated Cost of Project/Bid: 2,091,245.38 Funding Source: Aviation Bonds

Description of Project/Bid: Installation of new Vehicle Guidance System throughout Concourse J Gates

Contract Measures Recommendations

Set aside Trade Set aside | 1,760,960 | 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"	417,434	20.0%	
Miscellaneous Metals	152,910	7.3%	
Electrical	1,190,616	56.9%	

Total	1,760,960	84%
Project cost	1,760,960	input from bid line item
Allow. & Fee	330,286	input from bid line item
Pre-Const. Svcs	0	input from bid line item
Goal basis	2,091,245	

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 - V-100-A

*Reference corresponding project number when submitting a work order

Contract/Project Title: MIA - Concourse J Gates Advanced Visual Docking Guidance System (VDGS)

Description/Scope of Work: Furnish and install new visual docking guidance system. Work to include preparation of the slab, installation of columns, pad, and all associated electrical work required.

Estimated Cost: \$2,091,245.37 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- Concourse "J" Gates Advanced Visual Docking Guidance System (VDGS)

Project Number: MCC-V-100-A

Trade/Skills Required	Estimated # of Workforce Required	Estimated # of Total Days to Complete
Miscellaneous General Work	3 Person	120 Days
Miscellaneous Metals	5 Person	120 Days
Electrical	4 Person	80 Days



July 27, 2017

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

RE: MIA – Concourse J Gates Advanced Visual Docking Guidance System (VDGS)
MCC-V100A

Dear Mr. Negreira:

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

Zyscovich Architects
100 N. Biscayne Blvd., 27th Floor
Miami, FL 33152-4521
Mr. Glenn C. Blaise
(305)-372-5222

Project Estimate: \$2,091,245.37 (Two Million Ninety One Thousand Two Hundred Forty Five Dollars and Thirty Seven Cents).

Liquidated Damages and Liquidated Indirect: \$300/Calendar Days

This project is to be completed in approximately 120 calendar days.

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

Drawing	Title	Date
	COVER SHEET	
GN-001	GENERAL NOTES AND DRAWING INDEX	6-9-2017
GN-002	GENERAL SPECIFICATIONS	6-9-2017
A-100	OVERALL SITE PLAN	12-16-2016
S-1	GENERAL NOTES AND OVERALL SITE PLAN	12-16-2016
S-2	DETAILS	12-16-2016
E-001	ELECTRICAL NOTES	12-16-2016
E-002	ELECTRICAL SPECIFICATIONS	12-16-2016
E-003	ELECTRICAL SPECIFICATIONS	12-16-2016
E-101	FIRST FLOOR PLAN SECTOR U15 VDGS	12-16-2016
E-102	FIRST FLOOR PLAN SECTOR U16 VDGS	12-16-2016
E-103	FIRST FLOOR PLAN SECTOR U17 VDGS	12-16-2016
E-104	FIRST FLOOR PLAN SECTOR U18 VDGS	12-16-2016
E-105	FIRST FLOOR PLAN SECTOR U19 VDGS	12-16-2016
E-106	ENLARGED ELECTRICAL ROOM LAYOUTS	12-16-2016

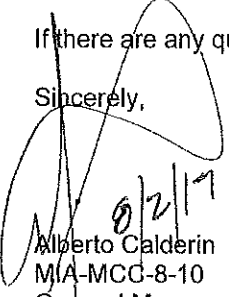
Mr. Negreira
Miami Dade Aviation Department
MCC Project # V100A

July 27, 2017
Page 2

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,



8/2/17
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 - Concourse "J" Gates Advanced Visual Docking Guidance System (VDGS)

Project No.: IMCC-V100-A

ITEM NO.	DESCRIPTION	TRADE SET ASIDE FOR SBE/C		AMOUNT
	Miscellaneous General Work	PKG. A	SBE/C	\$417,433.70
	Miscellaneous Metals	PKG. B	SBE/C	\$152,910.32
	Electrical	PKG. C	SBE/C	\$1,190,615.74
	Subtotal			\$1,760,959.76
	Allowance Account (10%)			\$176,095.98
	Subtotal			\$1,937,055.74
	MCC Fee (.0796 %)			\$154,189.64
	TOTAL			\$2,091,245.37

22	Patch, repair, and paint as required due to Electrical scope of work completed. (Approx 13510 SF) Ceiling	2027	SF		\$ 2.00	\$	-	\$	-	\$	-	4,054.00
23	Repair and/or Replace Ceiling Grid & Ceiling 2x2 Acoustical Panels and/or Stucco Ceilings as required due to Electrical scope of work completed. (Approx 13510 SF)	2027	SF		\$ 3.50	\$	-	\$	-	\$	-	7,094.50
24												
25	Misc. Metals											
26	Furnish (18) Steel Columns 26' Height as indicated in drawings.	18	EA	\$ 2,113.28	\$	38,039.04	\$	-	\$	-	-	-
27	Furnish all Steel Plates as indicated in drawings.	18	EA	\$ 393.80	\$	7,088.40	\$	-	\$	-	-	-
28	Furnish all Bolts as indicated in drawings.	72	EA	\$ 166.95	\$	11,948.40	\$	-	\$	-	-	-
29	Furnish all Nuts, Washers, Spacers as indicated in drawings.	288	EA	\$ 5.69	\$	1,638.72	\$	-	\$	-	-	-
30	Furnish Welded Metal Plate around Pedestals as indicated in drawings.	180	LF	\$ 46.90	\$	8,262.00	\$	-	\$	-	-	-
31	Furnish Crane with Operator (4 Hours Ea Pole)	72	Hours		\$ 175.00	\$	-	\$	-	\$	12,600.00	-
32	Installation of all Misc Metals (5 Men Crew)	9	Weeks	\$ 7,476.20	\$	-	\$	67,285.76	\$	-	-	-
33	All Steel Bolts, Nuts, ND Washers shall be galvanized as indicated in drawings.				\$	-	\$	-	\$	-	-	-
34	All steel pedestals shall be primed and painted with MDAD approved safety yellow paint.	3024	SF		\$ 2.00	\$	-	\$	-	\$	-	6,048.00
35	Electrical											
36	Furnish and install conduits and wire for power services and update panel schedule to (18) A-VDGS Devices as indicated in the drawings.	18	EA		\$ 550.00	\$	-	\$	-	\$	-	9,900.00
37	Installation of Electrical Systems	12	Weeks	\$12,927.60	\$	-	\$	155,131.20	\$	-	-	-
38	Devices											
39	Furnish (2) Advance Visual Docking Guidance System (A-VDGS) Type 1 as indicated on Construction Drawings. Basis of Design: Safegate - Safedock Type 1	2	EA	\$ 58,500.00	\$	117,000.00	\$	-	\$	-	-	-
40	Furnish (16) Advance Visual Docking Guidance System (A-VDGS) Type 2 as indicated on Construction Drawings. Basis of Design: Safegate - Safedock Type 2	16	EA	\$ 40,000.00	\$	640,000.00	\$	-	\$	-	-	-
41	Furnish Emergency Stop Buttons Basis of Design: Safegate	18	EA	\$ 200.00	\$	3,600.00	\$	-	\$	-	-	-
42	Installation of Advance Visual Docking Guidance Systems	18	EA		\$ 350.00	\$	-	\$	6,300.00	\$	-	-
43	Installation of Emergency Stop Buttons (includes Low Voltage conduit and wire)	18	EA		\$ 1,200.00	\$	-	\$	21,600.00	\$	-	-
44	Commissioning and Training by Safegate	1	LS		\$	-	\$	72,000.00	\$	-	-	-
45	Furnish Scissor Lift for Safegate Commissioning	10	Days	\$72,000.00	\$	-	\$	-	\$	25,000.00	\$	-
46	Communications											
47	Furnish and install 3/4" EMT Conduit (w/1 CAT5E Cable) and the associated junction boxes as indicated in drawings for A-VDGS Devices	1264	LF	\$ 12.00	\$	15,168.00	\$	-	\$	-	-	-
48	Furnish and install 1" EMT Conduit (w/2 CAT5E Cables) and the associated junction boxes as indicated in drawings for A-VDGS Devices	486	LF	\$ 16.00	\$	7,776.00	\$	-	\$	-	-	-
49	Furnish and install 1" EMT Conduit (w/3 CAT5E Cables) and the associated junction boxes as indicated in drawings for A-VDGS Devices	231	LF	\$ 18.00	\$	4,158.00	\$	-	\$	-	-	-

50 Furnish and Install 1 1/4" EMT Conduit (w/5 CAT5E Cables)
and the associated junction boxes as indicated in drawings for
A-VDGS Devices

60 LF \$ 22.00

\$ 1,320.00 \$ - \$ - \$ -

51 Installation of Communications Systems

12 Weeks \$ 9,905.21

\$ - \$ 111,662.54 \$ - \$ -

SUBTOTALS:

SALES TAX:

7.00%

LABOR TAXES & INSURANCE:

40.00%

OTHER ITEMS:

SUBTOTALS:

OVERHEAD & PROFIT, CONTRACT. WORK

15.00%

OVERHEAD & PROFIT, SUBCONT. WORK

10.00%

CONTRACTOR'S BONDING COST:

2.50%

TOTAL THIS ESTIMATE:

\$				
----	--	--	--	--

\$				
----	--	--	--	--

\$				
\$				
\$				
\$				

\$				
----	--	--	--	--