

Memorandum



Date: February 6, 2013

To: Sherri McGriff, Business Support Services Division Director,
Regulatory & Economic Resources Department

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

Subject: CSBE Recommendation
MIA-NTD FIS Re-Check Concourse Level
Project #779Y

The Minority Affairs Division has reviewed the subject project for the recommendation of contract measures and concurs with the MCC-8-10 Contractor recommendation of 42% or \$2,392,255.00 of \$4,822,915.33.

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

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

Attachments (9)

cc: V. Clark, SBD
L. Johnson, SBD
K. Duncombe, SBD
E. Perez, MDAD
A. Calderin, MCM
V. Mirabal, MCM
C. Corrales, MDAD
Project File



Date: January 11, 2013
To: Milton L. Collins, Associate Director, MDAD Minority Affairs
From: Alberto Calderin, Munilla Construction Management, LLC (MCM) - MCC-8-10
Subject: **CSBE Recommendation**
MIA-NTD FIS Re-Check Concourse Level, Project # 779Y

This is a request for the Miami-Dade County Regulatory and Economic Resources Department, Small Business Development to review the following recommendation for CSBE contract measures, in order for the MCC-8-10 Contractor to proceed with the necessary work to create new ticket counters and back offices with associated baggage screening area.

The Contractor's staff has evaluated the project and recommends CSBE trade set-aside contract measures for the following trades:

- Package "A" Miscellaneous Work
- Package "B" Site Work
- Package "C" Concrete Shell/Masonry
- Package "D" Miscellaneous Metals
- Package "E" Waterproofing
- Package "F" Fire Proofing
- Package "G" Doors and Hardware
- Package "H" Drywall
- Package "I" Acoustical Ceiling/Carpet
- Package "J" Painting
- Package "K" Specialties
- Package "M" Fire Protection
- Package "N" Plumbing
- Package "O" HVAC
- Package "P" Electrical
- ~~Package "Q" Carpet~~

The suggested CSBE subcontract items are listed on the Department Contract Measures Recommendation and Analysis form attached. This evaluation is based the CSBE Certification List as of November 29, 2012 from the Department of Small Business Development.

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

Total suggested Community Small Business Enterprise participation for this project is:
42% or \$2,392,255.00 of \$4,822,915.33

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 (CSBE) 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

Project/Contract Title: MIA - NTD FIS Re-Check Concourse Level

Contract Number: MCC-779Y

Department: Aviation

Estimated Cost of Project/Bid: 4,822,915.33 **Funding Source:** Aviation Bonds

Description of Project/Bid: To create new ticket counters and back offices with associated baggage screening area at FIS Concourse Level at MIA

Contract Measures Recommendations

Set aside Trade Set aside | 2,392,255 | Bid Preference
Goal 0% 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" Miscellaneous Work	368,205	7.6%	
Pkg. "A" Sitework	87,950	1.8%	
Pkg. "B" Concrete Shell/Masonry	88,800	1.8%	
Pkg. "C" Miscellaneous Metals	275,300	5.7%	
Pkg. "D" Waterproofing	45,000	0.9%	
Pkg. "E" Fireproofing	139,900	2.9%	
Pkg. "F" Doors/ Hardware	90,000	1.9%	
Pkg. "G" Drywall	297,800	6.2%	
Pkg. "H" Acoustical Clg./Carpet	39,800	0.8%	
Pkg. "I" Painting	85,000	1.8%	
Pkg. "J" Specialties	39,500	0.8%	
Pkg. "L" Fire Protection	95,000	2.0%	
Pkg. "M" Plumbing	15,000	0.3%	
Pkg. "N" HVAC	150,000	3.1%	
Pkg. "O" Electrical	575,000	11.9%	
Total	2,392,255	42%	
<i>Project cost</i>	<i>4,050,255</i>		
<i>Allow. & Fee</i>	<i>759,666</i>		
<i>Pre-Const. Svcs</i>	<i>12,995</i>		
Goal basis	4,822,915		

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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.: 779Y

*Reference corresponding project number when submitting a work order

Contract/Project Title: MIA-NTD FIS Re-Check Concourse Level

Description/Scope of Work: Create new ticket counters and back offices with associated baggage screening area.

Estimated Cost: \$4,827,915.33 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.: _____

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PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CWP)

Construction Contract/Project Measure Analysis & Recommendation

Project Name: MIA-FIS Re-Check Concourse Level

Project Number: 779 Y

Trade/Skills Required	Estimated # of Workforce Required	Estimated # of Total Days to Complete
Miscellaneous Work	5 Person Crew	100 Days
Sitework	5 Person Crew	60 Days
Concrete Shell/Masonry	7 Person Crew	70 Days
Miscellaneous Metals	10 Person Crew	40 Days
Waterproofing	2 Person Crew	20 Days
Fireproofing	4 Person Crew	30 Days
Doors/Hardware	3 Person Crew	30 Days
Drywall (Gypsum Board)	5 Person Crew	50 Days
Acoustical Ceilings/Carpet	4 Person Crew	20 Days
Painting	4 Person Crew	40 Days
Specialties	4 Person Crew	20 Days
Conveyor System	10 Person Crew	90 Days
Fire Protection	5 Person Crew	45 Days
Plumbing	4 Person Crew	30 Days
HVAC	5 Person Crew	60 Days
Electrical	5 Person Crew	60 Days

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January 18, 2013

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

RE: MIA-NTD FIS Re-Check Concourse Level
MCC- 779Y

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 drawings and drawings prepared by:

Juan Carlos Arteaga
Miami Dade Aviation Department

Project Estimate: **\$4,822,915.33** (Four Million Eight Hundred Twenty Two Thousand Nine Hundred Fifteen Dollars and Thirty Three Cents).

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.

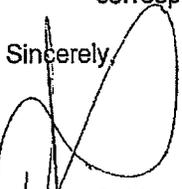
Drawing	Title	Date
G-1.0	General Notes ,Abbreviations, and Drawing Symbols	08/10/12
LS-1	Partial Life Safety Floor Plan Phase 2 Concourse Level	08/10/12
PH-1	Phasing Plan- Concourse Level	1/25/12
A-1	Partial Floor Plan	08/10/12
A-2	Proposed Package B Layout and Details	08/10/12
A-3	Partial Reflected Ceiling Plan	08/10/12
A-4	Package B Proposed Ceiling Plan	08/10/12
A-5	Sections and Details	09/25/12
A-6	Section and Details	08/10/12
A-8	Details	08/10/12
A-9	Mechanical Mezzanine Plan and Details	09/25/12
T-1	PBX Extension	1/25/12
T-2	Ramp Level Communications Plan	08/10/12
T-3	Second Level Communications Plan	08/10/12
T-4	Package B Proposed CCTV Layout	08/10/12
T-5	CCTV Typical Diagram	09/25/12
T-6	CCTV Typical Details	09/25/12
T-7	CCTV Typical Details	09/25/12
T-8	Camera Mounting Details & Fire Penetration Details	09/25/12
T-9	Intercom and CCTV Details	09/25/12
T-10	Intercom Wiring Diagram, Legend and Symbols	09/25/12

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S-1	Slab Infill Plan and Notes	2/21/21
S-2	Slab Infill Plan Sections and Details	08/10/12
S-3	Slab Infill Plan and Details	08/10/12
S-4	Slab Infill Section and Details	08/10/12
S-11	Slab Infill and New Ramp	08/10/12
S-12	Slab Infill Plan and Section	08/10/12
S-13	Slab Infill Plan and Section	08/10/12
S-14	Proposed Ramp Plan	08/10/12
S-15	Ramp Sections	08/10/12
S-16	General Notes and Details	08/10/12
S-17	Key Plan	08/10/12
S-18	Conveyor Belt Enclosure # 2 Partial Plan	09/25/12
S-19	Conveyor Belt Door Partial Plan	08/10/12
S-20	Sections	09/25/12
S-21	Details	08/10/12
S-22	Mechanical Mezzanine Plan and Details	08/10/12
S-23	Mechanical Mezzanine Plan and Details	08/10/12
S-24	Mechanical Mezzanine Plan and Details	08/10/12
DM-1	Demolition and Partial New Work Plan Mechanical	08/10/12
M-1	Legend	08/10/12
M-2	Partial Floor Plan Mechanical	08/10/12
M-3	Notes, Schedules and Partial Ramp Level Plans	08/10/12
M-4	Details	08/10/12
DE-1	Demolition and Partial New Work Plan Electrical	08/10/12
DE-2	Demolition and Partial New Work Plan Electrical	08/10/12
E-1	Package B Proposed Lighting Plan	09/25/12
E-2	Partial New Power and Systems Plan	09/25/12
E-3	Electrical Details	08/10/12
E-4	Security Door Details	08/10/12
E-5	Electrical Schedules and Power Riser	09/25/12
DFX-1	Demolition and Partial New Work Plan Fire Protection	08/10/12
FX-1	Partial Floor Plan & Notes Fire Protection	08/10/12
	Specifications	October 2012

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

Sincerely,


Alberto Calderin
General Manager

/gm

Cc: File

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Munilla Construction Management, LLC (MCM)

Bid Line Item Sheet

Project Name: MIA-NTD FIS Re-Check Concourse Level

Project No.: 779Y

ITEM NO.	DESCRIPTION	SUB PKG	SET ASIDE	AMOUNT
1000	Miscellaneous Work	A	CSBE	\$368,205.00
2000	Sitework	B	CSBE	\$87,950.00
3000	Concrete Shell/Masonry	C	CSBE	\$88,800.00
5500	Miscellaneous Metals	D	CSBE	\$275,300.00
7100	Waterproofing	E	CSBE	\$45,000.00
7200	Fireproofing	F	CSBE	\$139,900.00
8100	Doors/Hardware	G	CSBE	\$90,000.00
9250	Drywall (Gypsum Board)	H	CSBE	\$297,800.00
9510	Acoustical Ceilings/Carpet	I	CSBE	\$39,800.00
9900	Painting	J	CSBE	\$85,000.00
10000	Specialties	K	CSBE	\$39,500.00
14000	Conveyor System	L	OPEN	\$1,658,000.00
15300	Fire Protection	M	CSBE	\$95,000.00
15400	Plumbing	N	CSBE	\$15,000.00
15500	HVAC	O	CSBE	\$150,000.00
16100	Electrical	P	CSBE	\$575,000.00
	Subtotal			\$4,050,255.00
	Allowance Account (10%)			\$405,025.50
	Subtotal			\$4,455,280.50
	MCC Fee (7.96 %)			\$354,640.33
	SUBTOTAL			\$4,809,920.83
	Pre-Construction Project Order Draft Service Cost:	Hours	Rate	
	Estimator - hourly rate	160	\$42.00	\$6,720.00
	Scheduler/Safety Coordinator - hourly rate	120	\$35.75	\$4,290.00
	CSBE Program Manager - hourly rate	40	\$41.00	\$1,640.00
	CSBE Clerk - hourly rate	13	\$26.50	\$344.50
		GRAND TOTAL		\$4,822,915.33

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PROJECT ESTIMATE

Ticket Counters

PROJECT:
LOCATION:

Ticket Counters

Miami-Dade County

FL

Design/Const Time: 12 Mth

Budget: 5,000,000

SQFT: 17,383

Addenda:

BID DATE:

BID TIME:

Ltr. Demg:

DESCRIPTION:

MINORITY REQ:

Group	Phase	Description	Notes	Labor	Material	Equipment	Other	Sub	Total
1000.000		MISC. GENERAL WORK							
	1020.000	Misc. General Work							
"A"		Misc. General Work					368,205		368,205
		Misc. General Work					368,205		368,205
		MISC. GENERAL WORK					368,205		368,205
2000.000		SITework							
	2070.000	Selective Demo, Removals							
"B"		Concrete Cutting, CMU Removal						87,950	87,950
		Selective Demo, Removals	B					87,950	87,950
	2021.000	Chain Link Fences - Conveyor							
"D"		Chain Link Fences						2,500	2,500
		Chain Link Fences - Conveyor	B					2,500	2,500
		SITework						90,450	90,450
3000.000		CONCRETE							
	3100.000	Concrete Shell							
"E"		Shell, Including Masonry						40,800	40,800
		Concrete Shell	B					40,800	40,800
	3700.000	Concrete Restoration & Carbon Fiber							
"C"		Column Repairs						48,000	48,000
		Concrete Restoration & Carbon Fiber	B					48,000	48,000
		CONCRETE						88,800	88,800
5000.000		METALS							
	5120.000	Structural steel							
		Steel Columns						24,000	24,000
"D"		Channels C4x6.4 - Mech Mezzanine						35,000	35,000
		Steel Beams Dog House						10,000	10,000
		Steel Plates - Mech, Mezzanine						75,000	75,000
		Steel Plates - Exstl. Mech. Duct						10,500	10,500
		Structural steel	B					154,500	154,500
	5175.000	Overhead Doors Supports							
"D"		Rolling grille supports overhead framed		0	0	0		3,100	3,100
		Overhead Doors Supports	B					3,100	3,100
	5500.000	Miscellaneous Metals							
"D"		St. Angles - Corner Guards		0	0			22,000	22,000
		St. Angles - Support to Ceiling and Bracing						78,200	78,200
		Miscellaneous Metals	B					100,200	100,200
	5810.000	Exp Joint cover assemblies							
"D"		Expansion Joints covers		0	0			15,000	15,000
		Exp Joint cover assemblies						15,000	15,000
		METALS						272,800	272,800
7000.000		THERMAL & MOISTURE PROT.							
"E"	7100.000	Waterproofing				0		45,000	45,000
		Waterproofing	B					45,000	45,000
	7250.000	Fireproofing							
"F"		Spray Applied Fireproofing - Existing Beams						9,500	9,500
		Fireproof foot print of existing structure						130,400	130,400
		Fireproofing	B					139,900	139,900
	7270.000	Firestopping							
		IN MEPS				0		0	0
		THERMAL & MOISTURE PROT.						184,900	184,900
8000.000		DOORS & WINDOWS							
"G"	8100.000	Doors & Finish Hardw.							
		Doors & Finish Hardw.	B					90,000	90,000
	8330.000	Roll Up Doors							
		By Conveyor Contractor		0				0	0
		DOORS & WINDOWS						90,000	90,000
9000.000		FINISHES							
"H"	9250.000	Gypsum board, Insulation & Durock							
		Permanent Drywall						250,000	250,000
		2 hour shafts						10,400	10,400
		Temporary Enclosures						13,000	13,000
		Durock						24,400	24,400

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PROJECT ESTIMATE

Ticket Counters

PROJECT:
LOCATION:
DESCRIPTION:
MINORITY REQ:

Ticket Counters
Miami-Dade County FL

Design/Const Time: 12 Mnth
Budget: 5,000,000
SQFT: 17,383
Addenda:

BID DATE:
BID TIME:
Liq. Damg:

Group	Fltss	Description	Notes	Labor	Material	Equipment	Other	Sub	Total
		Gypsum board, Insulation & Durock	B					297,800	297,800
"I"	9510.000	Acoustical ceilings						37,000	37,000
		Acoustical ceilings	B					37,000	37,000
	9660.000	Carpet Labor						2,800	2,800
"I"		Base & Carpet						2,800	2,800
		Carpet Labor	B						
"J"	9900.000	Paints & Coatings						85,000	85,000
		Paints & Coatings	B					85,000	85,000
		FINISHES						422,600	422,600
10000.000		SPECIALTIES							
"K"	10400.000	Identification Devices						5,000	5,000
		Identification Devices	B					5,000	5,000
"K"	10520.000	Fire Extinguishers & Cabinets						6,500	6,500
		Fire Extinguishers & Cabinets	B					6,500	6,500
		SPECIALTIES						11,500	11,500
11000.000		EQUIPMENT							
"K"	11136.000	Metal TV Brackets						28,000	28,000
		Metal TV Brackets	B					28,000	28,000
		Metal TV Brackets						28,000	28,000
		EQUIPMENT						28,000	28,000
14000.000		CONVEYING SYSTEMS							
"L"	14560.000	Conveyance Systems						1,658,000	1,658,000
		Conveyor Belts						1,658,000	1,658,000
		Conveyance Systems						1,658,000	1,658,000
		CONVEYING SYSTEMS						1,658,000	1,658,000
15000.000		MECHANICAL							
"M"	15300.000	Fire Protection						95,000	95,000
		Fire Protection						95,000	95,000
"N"	15400.000	Plumbing						15,000	15,000
		New RWL & CO's	B					15,000	15,000
		Plumbing						15,000	15,000
"O"	15600.000	HVAC						160,000	160,000
		HVAC						160,000	160,000
		MECHANICAL						260,000	260,000
16000.000		ELECTRICAL SYSTEMS							
"P"	16100.000	Electrical Work						375,000	375,000
		Electrical	B					375,000	375,000
		Electrical Work						375,000	375,000
	16105.000	Conduit Clean Up						200,000	200,000
		Allowance						200,000	200,000
		Conduit Clean Up	B					200,000	200,000
		ELECTRICAL SYSTEMS						575,000	575,000

Estimate Totals

Description	Amount	Totals	Hours	Rate	Cost Basis	Cost per Unit	Percent of Total
Labor			1,333 ch				
Material							
Subcontract	3,682,050					211.819 /SF	76.55%
Equipment			1,333 ch				
Other	368,205					21.182 /SF	7.66%
	4,050,255	4,050,255				233.001 /SF	84.21
		4,050,255				233.001 /SF	
Allowance Account	405,026			10.000 %	T	23.300 /SF	8.42%
	405,026	4,455,281				256.301 /SF	8.42
Overhead & Profit	354,640			7.960 %	T	20.402 /SF	7.37%
Total		4,809,921				276.703 /SF	

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