

# Memorandum



**Date:** August 5, 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:** SBE/Construction Recommendation  
MIA-Structural Repair of Bridge No. 3111, MCC-V-075-A

---

The Minority Affairs Division has reviewed the subject project and recommendation of contract measures and concurs with the MCC-8-10 Contractor Recommendation of 84% or \$438,197.00 of \$521,393.23.

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

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

cc: L. Johnson, SBD  
C. Taylor, SBD  
D. Palmer, MDAD  
A. Calderin, MCM  
V. Mirabal, MCM  
C. Corrales, MDAD  
Project File



**Date:** July 21, 2015  
**To:** Milton L. Collins, Associate Director, MDAD Minority Affairs  
**From:** Alberto Calderin, Munilla Construction Management, LLC (MCM) - MCC-8-10  
**Subject:** **SBE/CONSTRUCTION Contract Measures Recommendation**  
MIA – Structural Repair of Bridge No. 3111, MCC -V-075-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 necessary work to repair Bridge No. 3111 at MIA Perimeter Road. Work consists of milling existing asphalt, paving roadway guardrails, pavement markings, restoration of spalled area, and brick deck expansion joint.

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

- Package "A" General Work
- Package "B" Asphalt Work
- Package "C" Concrete
- Package "D" Brick Deck Expansion Joint

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 March 21, 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 participation for this project is:

**84% or \$ 438,197.00 of \$ 521,393.23.**

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:** Darrell Palmer - 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 - Structural Bridge 3111 Repairs

Contract Number: MCC-V-075-A

Department: Aviation

Estimated Cost of Project/Bid: 521,393.23 Funding Source: Aviation Bonds

Description of Project/Bid: Upgrades to the existing hangars at MIA. Work to include  
Electrical, Fire Suppression, General Construction, Site Const.

**Contract Measures Recommendations**

Set aside  Trade Set aside | 438,197 | 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>
Pkg. "A" General Work	204,195	39.2%	
Pkg. "B" Asphalt Work	45,030	8.6%	
Pkg. "C" Concrete	46,178	8.9%	
Pkg. "D" Brick Deck Expansion Joint	142,794	27.4%	

Total	438,197	84%
Project cost	438,197	input from bid line item
Allow. & Fee	82,188	input from bid line item
Pre-Const. Svcs	1,008	input from bid line item
Goal basis	521,393	

**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-075-A

\*Reference corresponding project number when submitting a work order

Contract/Project Title: MIA - Structural Repair of Bridge No. 3111

Description/Scope of Work: Repairs to Bridge such as milling existing asphalt, paving roadway guardrails, pavement markings, restoration of spalled area, brick deck expansion joint

Estimated Cost: \$521,393.23      Funding Source: \_\_\_\_\_

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-MDAD Structural Repair of Bridge No. 3111

Project Number: MCC-V-075-A

Trade/Skills Required	Estimated # of Workforce Required	Estimated # of Total Days to Complete
General Work	2 Person	120 Days
Asphalt Work	4 Person	60 Days
Concrete	3 Person	60 Days
Brick Deck Expansion Joint	4 Person	30 Days



July 21, 2015

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

RE: MIA- Structural Repair of Bridge No. 3111  
MCC-V-075-A

Dear Mr. Palmer:

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:

CAP Engineering  
343 Almeria Ave  
Coral Gables, FL 33134  
(305) 448-1711

Project Estimate: \$ **521,393.23** (Five Hundred Twenty-One Thousand Three Hundred Ninety-Three Dollars and Twenty-Three Cents).

Liquidated Damages and Liquidated Indirect N/A days as per General Conditions Item 7.6.

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	5/6/15
	Topographic Study	5/6/15
1-1	Bridge Topographic Survey	5/6/15
B-1	General/Project Notes	5/6/15
B-2	General/Project Notes	5/6/15
C-1	Milling & Resurfacing Plan	5/6/15
C-2	Advanced Traffic Control Plan	5/6/15
C-3	Traffic Control Plan	5/6/15
C-4	Pavement Marking Plan/Details	5/6/15
C-5	Stormwater Protection Plan	5/6/15

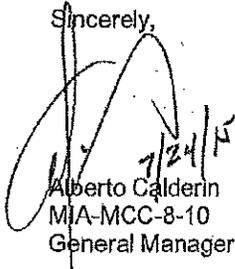
Mr. Palmer  
Miami Dade Aviation Department  
MCC-V-075-A

Date 7/21/15  
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,



7/24/15  
Alberto Calderin  
MIA-MCC-8-10  
General Manager

/gm

Cc: File

# Munilla Construction Management, LLC (MCM)

## Bid Line Item Sheet

Project Name: Structural Repair of Bridge No. 3111

Project No.: MCC-V-075-A

ITEM NO.	DESCRIPTION	Pkg	Contract Measures	AMOUNT
	General Work	A	SBE/Const.	\$204,195.00
	Asphalt Work	B	SBE/Const.	\$45,030.00
	Concrete	C	SBE/Const.	\$46,178.00
	Brick Deck Expansion Joint	D	SBE/Const.	\$142,794.00
	<b>Subtotal</b>			\$438,197.00
	Allowance Account (10%)			\$43,819.70
	<b>Subtotal</b>			\$482,016.70
	MCC Fee (7.96 %)			\$38,368.53
	<b>SUBTOTAL</b>			\$520,385.23
	<b>Pre-Construction Project Order Draft Service Cost:</b>	<b>Hours</b>	<b>Rate</b>	
	Estimator - hourly rate	24	\$42.00	\$1,008.00
	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
	Railroad Safety/Inspection/Insurance Fees applicable (see attached breakdown) Project Order Proposal after bidding will contain final amount			
	<b>TOTAL</b>			\$521,393.23



**PROJECT ESTIMATE**

**MDAD Bridge 3111 Repairs**  
17-Jul-15

PROJECT: MDAD Bridge 3111 Repairs    DURAT: (Specs/MCM):  
 LOCATION:                                    BUDGET: 500,000                                    BID DATE:  
 DESCRIPTION: Bridge Repairs            SQFT: 0    BID TIME: 2:00:00PM  
 MINORITY REQ:                                ADDENDA:

PKG  
A

<b>1 GENERAL CONDITIONS</b>									
1020.000	General Requirements							42,500	42,500
<b>GENERAL CONDITIONS TOTAL</b>								<b>42,500</b>	<b>42,500</b>

A  
B

<b>2 SITEWORK</b>									
2070.010	Mobilization	B						85,000	85,000
2071.000	Dumpsters	B					3,960		3,960
2130.040	Barricades	B					2,369		2,369
2130.055	MOT, Traffic Control	B					27,120		27,120
2212.030	Floating Turbidity Barrier	B					8,758		8,758
2274.000	Riprap Walls	B					33,750		33,750
2276.000	Silt Fences	B					2,740		2,740
2510.010	Milling Existing Asphalt						5,118		5,118
2510.050	Asphaltic Concrete	B					14,073		14,073
2510.080	Superpave Asphaltic	B					14,917		14,917
2515.010	Guardrail (Roadway)	B					9,936		9,936
2580.000	Pavement Markings	B					738		738
2595.000	Performance Turf	B					250		250
<b>SITEWORK TOTAL</b>								<b>33,449</b>	<b>173,276</b>

C  
D

<b>3 CONCRETE</b>									
3100.004	Restore Spall Area	B						35,162	35,162
3100.009	Cleaning & Sealing Existing Concre	B						11,016	11,016
<b>CONCRETE TOTAL</b>								<b>46,178</b>	<b>46,178</b>

<b>7 THERMAL &amp; MOISTURE PROT.</b>									
7480.010	Brick Deck Expansion Joint	B						142,794	142,794
<b>THERMAL &amp; MOISTURE PROT TOTAL</b>								<b>142,794</b>	<b>142,794</b>

**SUBTOTAL COST WITHOUT ADD-ONS 438,197**

<b>ADD-ONS SUBTOTAL</b>									
Owners Contingency									
Subtotal									
Overhead & Profit									
<b>ADD-ONS TOTAL</b>									

**TOTAL PRICE:**

## Ginny Mirabal

---

**From:** Vilmaida Rodriguez  
**Sent:** Friday, May 29, 2015 5:59 PM  
**To:** Alberto Calderin; Ginny Mirabal  
**Subject:** Structural Repair of Bridge No. 3111 - CSX Scope and Budget

Alberto/Ginny,

The following is the scope and budget for the CSX requirements for the structural repair of bridge No. 3111:

- A. CSXT Safety Awareness Training (Verification Card)
  - 1. Private Training – Trainer comes to the office to train individual
  - 2. Up to 10 individuals - \$1,800.00
  - 3. 11 or more - \$60.00 per person – up to 25 people
  - 4. Fees include instructor expenses
  - 5. Class is 4 hours – 8:00 am – 12:00 pm
- B. CSX Required flagmen, inspectors and safety
  - 1. Flagmen - \$1,000.00 per day per flagmen
  - 2. Inspectors - \$1,200.00 - \$1,500.00 per day per inspector
  - 3. Safety Training - \$200.00 per person, plus inspector travel expenses
- C. Railroad Valuation Map (Val Maps)
  - 1. First Map - \$75.00
  - 2. Each Additional Map - \$50.00
  - 3. U.S. Mail Shipping (per map) - \$2.00
  - 4. Overnight Mail - \$12.00
- D. Agreement/Permit (Activities within the CSX operating rail corridor and/or other CSX property & installations within public road right-of-way)
  - 1. \$50.00 per agreement
- E. Review Fees – Rights of Entry
  - 1. Standard
    - a. General Access - \$950.00
    - b. Environmental Investigation - \$3,500.00
    - c. Site Assessment - \$2,500.00
    - d. Project Coordination/Scheduling - \$150.00
  - 2. Variance
    - a. General Access – Contact CSX
    - b. Environmental Investigation – Contact CSX
    - c. Site Assessment – Contact CSX
    - d. Project Coordination/Scheduling – N/A

VILMAIDA RODRIGUEZ  
PROJECT MANAGER



Follow us!



PH: 305-541-0000

6201 SW 70 ST, 2nd Floor Miami, FL 33143 [www.mcm-us.com](http://www.mcm-us.com)



Please consider the environment before printing.  
A reminder from MCM, 30 Years Building Excellence.

## Taylor, Coralee (ISD)

---

**From:** Corrales, Caridad (Aviation) <CCORRALES@miami-airport.com>  
**Sent:** Wednesday, August 05, 2015 4:55 PM  
**To:** Hartfield, Gary (ISD); Clark, Veronica (ISD)  
**Cc:** Johnson, Laurie (ISD); Taylor, Coralee (ISD); Collins, Milton (Aviation); Palmer, Darrell (Aviation); Alberto Calderin (acalderin@mcm-us.com); 'Ginny Mirabal'  
**Subject:** SBE Construction Recommendation MCC-V-075-A  
**Attachments:** Message from RNP0026739051A5

Good afternoon, the attached project: MIA – Structural Repair of Bridge No. 3111, MCC-V-075-A is being sent for Contract Measure Recommendation. Please advise if additional information is needed in order to provide a project worksheet.

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

