



April 30, 2020

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

RE: MIA - New Elevator at E – Satellite U010F-7.1

Dear Mr. Perez:

We are pleased to present to you the following **Project Construction Packaging Plan** for the above referenced project, based on Field Observation Report prepared by:

MOBIO Architecture, Inc.  
6303 Blue Lagoon Drive, Suite 310  
Miami, Florida 33126  
786-376-1232

Project Estimate: **\$3,156,468.77** (Three Million One Hundred Fifty-Six Thousand Four Hundred Sixty-Eight Dollars and Seventy-Seven Cents.)

Liquidated Damages / Liquidated Indirect Costs: N/A per Calendar days

This project is to be completed in approximately **420** calendar days.

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

Drawing	Title	Date
GN002	SYMBOLS, INDEX OF DRAWINGS AND ABBREVIATIONS	03/06/2020
S001	DESIGN CRITERIA AND STRUCTURAL NOTES	03/06/2020
S002	THRESHOLD INSPECTION PLAN	03/06/2020
SD102	DEMOLITION - RAMP LEVEL ENLARGED PLANS	12/18/2019
SD103	DEMOLITION - SECOND & THIRD LEVELS ENLARGED PLANS	12/18/2019
SD104	DEMOLITION - FOURTH & ROOF LEVELS ENLARGED PLANS	12/18/2019
SD201	DEMO SECTIONS	12/18/2019
S102	NEW - RAMP LEVEL ENLARGED PLAN	03/06/2020
S103	NEW - SECOND & THIRD LEVEL ENLARGED PLANS	12/18/2019
S104	NEW - FOURTH & ROOF LEVEL ENLARGED PLANS	03/06/2020
S201	SECTIONS AND DETAILS	03/06/2020
S202	SECTION AND DETAILS	12/18/2019
S203	SECTION AND DETAILS	12/18/2019
S204	3D VIEWS	12/18/2019
LS110	LIFE SAFETY CALCULATIONS AND FIRE PENETRATIONS DETAIL	03/06/2020
LS111	RAMP LEVEL LIFE SAFETY PLAN	03/06/2020
LS112	SECOND FLOOR LIFE SAFETY PLAN	03/06/2020
LS113	THIRD FLOOR LIFE SAFETY PLAN	03/06/2020

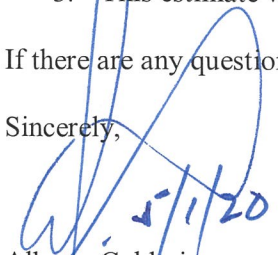
LS114	FOURTH FLOOR LIFE SAFETY PLAN	03/06/2020
AD100	DEMOLITION – GENERAL NOTES	03/06/2020
AD101	DEMOLITION - RAMP LEVEL ENLARGED PLAN AND REFLECTED CEILING PLAN	03/06/2020
AD102	DEMOLITION - SECOND & THIRD LEVEL, ENLARGED PLANS AND REFLECTED CEILING PLANS	03/06/2020
AD103	DEMOLITION - FOURTH & ROOF LEVEL, ENLARGED PLANS AND REFLECTED CEILING PLANS	03/06/2020
AD201	DEMOLITION – BUILDING SECTIONS	12/18/2019
A102	NEW - SECOND & THIRD LEVEL, ENLARGED PLANS AND REFLECTED CEILING PLAN	03/06/2020
A103	NEW - FOURTH AND ROOF LEVEL FLOOR PLANS	03/06/2020
A201	NEW - BUILDING SECTIONS	12/18/2019
A300	ENLARGED PLANS – STAIRS AND RAMP	03/06/2020
A400	TYPICAL DETAILS	12/18/2019
A500	DOOR AND FINISH SCHEDULES	03/06/2020
A600	WALL TYPES	12/18/2019
A601	FIRE PENETRATION DETAILS	03/06/2020
M001	MECHANICAL ABBREVIATIONS, SYMBOLS, GENERAL NOTES, AND SCHEDULES	03/06/2020
MD110	RAMP LEVEL MECHANICAL DEMO PLAN	12/18/2019
MD120	SECOND LEVEL MECHANICAL DEMO PLAN	12/18/2019
MD130	THIRD LEVEL MECHANICAL DEMO PLAN	12/18/2019
M110	RAMP LEVEL MECHANICAL PLAN	03/06/2020
M120	SECOND LEVEL MECHANICAL PLAN	03/06/2020
M130	THIRD LEVEL MECHANICAL PLAN	03/06/2020
M140	FOURTH LEVEL MECHANICAL PLAN	03/06/2020
M400	MECHANICAL DETAILS	03/06/2020
M401	MECHANICAL DETAILS AND SEQUENCE OF OPERATIONS	03/06/2020
P001	PLUMBING GENERAL NOTES AND SCHEDULES	03/06/2020
PD110	RAMP LEVEL PLUMBING DEMO PLAN	12/18/2019
PD140	FOURTH LEVEL PLUMBING DEMO PLAN	12/18/2019
P110	RAMP LEVEL PLUMBING PLAN	03/06/2020
P120	SECOND LEVEL PLUMBING PLAN	03/06/2020
P400	PLUMBING DETAILS	03/06/2020
F-101	RAMP LEVEL FIRE PROTECTION PLAN	03/06/2020
F-102	SECOND LEVEL FIRE PROTECTION PLAN	03/06/2020
F-103	THIRD LEVEL FIRE PROTECTION PLAN	03/06/2020
F-104	FOURTH LEVEL FIRE PROTECTION PLAN	03/06/2020
E001	SYMBOL LEGEND/GENERAL NOTES AND LIGHTING FIXTURE SCHEDULE ELECTRICAL	03/06/2020
E002	FIRE PENETRATION DETAILS ELECTRICAL	03/06/2020
E101	GROUND FLOOR OVERALL PLAN - ELECTRICAL	03/06/2020
E101.1	OVERALL SITE – CONDUIT AND FIVER RELOCATION - ELECTRICAL	03/06/2020
E102	SECOND FLOOR OVERALL PLAN - ELECTRICAL	12/18/2019
E103	THIRD FLOOR OVERALL PLAN - ELECTRICAL	12/18/2019
E104	FOURTH FLOOR OVERALL PLAN - ELECTRICAL	12/18/2019
ED301	DEMOLITION FIRST FLOOR PLAN – ELECTRICAL	03/06/2020
ED302	DEMOLITION SECOND AND THIRD FLOOR PLAN –ELECTRICAL	03/06/2020

ED303	DEMOLITION ROOF AND FOURTH FLOOR PLAN - ELECTRICAL	03/06/2020
EL301	NEW WORK FIRST FLOOR PLAN - LIGHTING - ELECTRICAL	03/06/2020
EL302	NEW WORK SECOND AND THIRD FLOOR PLAN - LIGHTING - ELECTRICAL	03/06/2020
EL303	NEW WORK ROOF AND FOURTH FLOOR PLAN - LIGHTING - ELECTRICAL	03/06/2020
ELV301	NEW WORK FIRST FLOOR PLAN - LOW VOLTAGE - ELECTRICAL	03/06/2020
ELV302	NEW WORK SEONCD AND THIRD FLOOR PLAN - LOW VOLTAGE - ELECTRICAL	03/06/2020
ELV303	NEW WORK ROOF AND FOURTH FLOOR PLAN - LOW VOLTAGE - ELECTRICAL	03/06/2020
ELV500	LOW VOLTAGE RISER DIAGRAM ELECTRICAL	03/06/2020
ELV700	LOW VOLTAGE DETAILS ELECTRICAL	03/06/2020
ELV701	LOW VOLTAGE DETAILS ELECTRICAL	03/06/2020
ELV702	LOW VOLTAGE DETAILS ELECTRICAL	03/06/2020
ELV703	CAMERA MOUNTING DETAILS AND SCHEDULES ELECTRICAL	03/06/2020
EP301	NEW WORK FIRST FLOOR PLAN - POWER - ELECTRICAL	03/06/2020
EP302	NEW WORK SECOND AND THIRD FLOOR PLAN - POWER - ELECTRICAL	12/18/2019
EP303	NEW WORK ROOF AND FOURTH FLOOR PLAN - POWER - ELECTRICAL	03/06/2020
EP600	SCHEDULES ELECTRICAL	03/06/2020
FA301	NEW WORK FIRST FLOOR PLAN - FIRE ALARM - ELECTRICAL	12/18/2020
	PROJECT MANUAL	12/20/2019

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





**Date:** April 30, 2020  
**To:** Laurie Johnson, Section Chief, Internal Services Department (ISD)  
**From:** Alberto Calderin, Munilla Construction Management, LLC (MCM) - MCC-8-10  
**Subject:** **SBE / Construction Recommendation**  
MIA - New Elevator at E – Satellite U010F-7.1

*[Handwritten signature]*  
5/1/20

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 purpose of this work consists of, but it is not limited to, the modernization of the existing escalators at Satellite 'E' Terminal as well as furnishing and installing a new Schindler 3300XL MRL traction Elevator.

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

- Package "A" Misc. General Work
- Package "B" Misc. Metals
- Package "D" Doors and Hardware
- Package "E" Drywall
- Package "G" Painting
- Package "H" Fire Sprinklers
- Package "I" Plumbing
- Package "J" HVAC
- Package "K" 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 June 2018 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:

**100% of \$1,479,175.40 (Trade Set-Aside) - Total Estimate Amount is \$3,156,468.78**

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: Mr. Joachim Perez – MDAD Project Manager  
File

**DEPARTMENT CONTRACT MEASURES RECOMMENDATION AND ANALYSIS  
CSBE**

*To:* Laurie Johnson - Section Chief - Internal Service Department (ISD)

*From:* Alberto Calderin MCC-8-10  
General Manager/Munilla Construction Management, LLC (MCM) MCC-8-10

*Project/Contract Title:* MIA - New Elevator at 'E' Satellite

*Contract Number:* U010F-7.1

*Department:* Aviation

*Estimated Cost of Project/Bid:* 3,156,468.78 *Funding Source:* Aviation Bonds

*Description of Project/Bid:* This project consists of, but it is not limited to, the modernization of the existing escalators at Satellite 'E' Terminal as well as furnishing and installing a new Schindler 3300XL MRL traction Elevator.

**Contract Measures Recommendations**

Set aside  Trade Set aside 1,479,175 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>SBE/Construction Availability</u>
Misc. General Work (Pkg. "A")	610,639.69	41.3%	
Misc. Metals (Pkg. "B")	94,807.18	6.4%	
Doors/Hardware (Pkg. "D")	118,343.06	8.0%	
Drywall (Pkg. "E")	148,458.84	10.0%	
Painting (Pkg. "G")	65,650.22	4.4%	
Fire Sprinkler (Pkg. "H")	39,022.20	2.6%	
Plumbing (Pkg. "I")	19,621.83	1.3%	
HVAC (Pkg. "J")	87,725.00	5.9%	
Electrical (Pkg. "K")	294,907.38	19.9%	
<b>Total</b>	<b>1,479,175.40</b>	<b>100%</b>	
<i>Project cost</i>	2,657,945	input from bid line item	
<i>Allow. &amp; Fee</i>	498,524	input from bid line item	
<i>Pre-Const. Svcs</i>	0	input from bid line item	
<b>Total Project</b>	<b>3,156,468.78</b>		



**DEPARTMENTAL INPUT**  
**CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION**

☐ New    ☐ OTR    ☐ Sole Source    ☐ Bid Waiver    ☐ Emergency    Previous Contract/Project No.  
Contract  
☐ Re-Bid    ☐ Other    LIVING WAGE APPLIES: ☐ YES    ☐ NO

Requisition No./Project No.: U010F-7.1    TERM OF CONTRACT

Requisition /Project Title: MIA - New Elevator at E – Satellite U010F-7.1

Description: The purpose of this The purpose of this work consists of, but it is not limited to, the modernization of the existing escalators at Satellite 'E' Terminal as well as furnishing and installing a new Schindler 3300XL MRL traction Elevator.

Issuing Department:    Contact    Phone:  
Person:  
Estimate Cost: \$3156468.78    GENERAL    FEDERAL    OTHER  
MIA  
Funding Source: BONDS

**ANALYSIS**

**Commodity Codes:**

Contract/Project History of previous purchases three (3) years  
Check here ☐ if this is a new contract/purchase with no previous history.

**EXISTING**

**2<sup>ND</sup> YEAR**

**3<sup>RD</sup> YEAR**

**Contractor:**

**Small Business Enterprise:**

**Contract Value:**

**Comments:**

Continued on another page (s): ☐ Yes ☐ No

**RECOMMENDATIONS**

SBE    Set-aside    Sub-contractor goal    Bid preference    Selection factor  
Trade Set-Aside

**Basis of recommendation:**

**Signed:**

Date sent to SBD:

Date returned to DPM:



# PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CWP)

## Construction Contract/Project Measure Analysis & Recommendation

Project Name: **MIA - New Elevator At "E" Satellite**

Project Number: **MCC-U-010-F-7.1**

Trade/Skills Required	Estimated # of Workforce Required	Estimated # of Total Days to Complete
Miscellaneous General Work (Pkg. "A")	10 Person	50 Days
Miscellaneous Metals (Pkg. "B")	5 Person	7 Days
Roofing (Pkg. "C")	5 Person	4 Days
Doors & Hardware (Pkg. "D")	3 Person	12 Days
Drywall (Pkg. "E")	4 Person	20 Days
Conveying System (Escalator/Elevator) (Pkg. "F")	7 Person	115 Days
Painting (Pkg. "G")	4 Person	5 Days
Fire Sprinklers (Pkg. "H")	5 Person	5 Days
Plumbing (Pkg. "I")	3 Person	5 Days
HVAC (Pkg. "J")	4 Person	7 Days
Electrical (Pkg. "K")	5 Person	25 Days