

**Greater Orlando Aviation Authority
Addendum No. 8
Job Order Construction Services
(Page 1 of 2)**

THIS ADDENDUM, made and entered into this day of May 2, 2023, by and between the **GREATER ORLANDO AVIATION AUTHORITY**, (“Owner”) and **P & A ROOFING AND SHEET METAL, INC.**, (“Contractor”).

WITNESSETH

WHEREAS, on **February 8, 2019**, Owner and Contractor entered into a contract to provide continuing roofing construction services at the Orlando International Airport, Orlando Executive Airport and other facilities operated by the Owner (the “Base Agreement”); and

WHEREAS, the Owner wishes to have the Contractor perform certain services relating to **Project No. R-103** for project named **West ARFF Roof Replacement**, at Orlando International Airport, hereinafter referred to as the “Work” as specified and agreed to below.

NOW, THEREFORE, in consideration of the premises and the mutual covenants herein contained, the parties agree as follows:

1. The Contractor shall perform the Work for the **Direct Negotiated** amount of:

SCHEDULE OF PRICING

ITEM NO.	ITEM DESCRIPTION	UNIT PRICE	UNIT	QUANTITY	AMOUNT
1	Labor and Materials	\$178,800.00	LS	1	\$178,800.00
		\$			\$
		\$			\$
TOTAL					\$178,800.00

2. The Contractor shall furnish all labor, materials and equipment necessary to perform the Work, as further described herein, which includes all plans, drawings, specifications and other documents as incorporated or referenced herein and made a part of this Addendum with the same effect as if they had been set forth fully in the body of this Addendum. The Work shall be performed in accordance with the terms of the Base Agreement unless modified by these Contract Documents.

3. The Contractor shall not begin the Work required under this Addendum until the Notice to Proceed date.

4. The Contractor shall perform the Work in accordance with all applicable federal, state and local laws, regulations, rules and ordinances now in effect or hereafter amended.

5. The Contractor agrees to enter into a formal agreement with the proposed MWBE/LDB sub-contractors.

6. **PUBLIC ENTITY CRIMES ACT:** The Contractor represents that it is not precluded from submitting a bid or proposal under Section 287.133(2)(a), which provides as follows: A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid, proposal or reply on a contract to provide any goods or services to a public entity, may not submit a bid, proposal or reply on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount set forth in Florida Statutes s.287.017, for CATEGORY TWO for a period of thirty-six (36) months from the date of being placed on the convicted vendor list.

7. **DISCRIMINATORY VENDOR LIST:** The Contractor represents that it is not precluded from submitting a bid or proposal under Section 287.134, which provides as follows: An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity; may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity unless that entity or affiliate has been removed from the list pursuant to Florida law.

8. FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) QUALIFICATION (if applicable): The Contractor represents that neither it nor its affiliates have had their Certificate of Qualification suspended, revoked or denied by the FDOT, or determined by the FDOT to be a non-responsible contractor.

9. LOBBYING PROHIBITION: In accordance with Florida Statutes Section 216.347, no funds received pursuant to this contract may be expended for lobbying the Florida Legislature, judicial branch or any state agency.

PAYMENT & PERFORMANCE BONDS: Required Waived

WORK INCLUDES: Construction Only Design and Construction

SCHEDULE OF ATTACHMENTS

ATTACHMENT NO.	DESCRIPTION	DOCUMENT DATE & # OF PAGES
1	Section 00 11 00, Summary of the Work	07/19, 3 pages
2	Contractor's Proposal	4/6/23, 19 pages
3	Current Division 0/Division 1/Specification List	10/20, 1 page

CONTRACT TIME:

- Substantial Completion 60 Calendar Days from Notice to Proceed Date
- Final Completion 30 Calendar Days from Actual Substantial Completion Date

LIQUIDATED DAMAGES:

- Late Substantial Completion \$ 0.00 Per Calendar Day
- Late Final Completion \$ 0.00 Per Calendar Day

P & A Roofing and Sheet Metal, Inc.

By: Robert DeVarona

 President

 Name & Title

Construction Committee Approval Date: April 25, 2023

Notice to Proceed Date: May 2, 2023

Greater Orlando Aviation Authority

By: Max Marble

 Max Marble
 Sr. Vice President, Capital Programs
 Construction Committee Chair

Approved as to Form and Legality
 (for the benefit of GOAA only)
 this day of Apr 27, 2023

 By: Karen Ryan

 NELSON MULLINS BROAD AND
 CASSEL, Legal Counsel
 Greater Orlando Aviation Authority



Orlando International Airport
One Jeff Fuqua Boulevard
Orlando, Florida, 32827-4392
(407) 825-2001

Memorandum

To: Members of the Construction Committee

From: Tuan Nguyen, Manager, Engineering
(Prepared by Colin Paterson)

Date: April 25, 2023

Re: Request for Approval of a Job Order Construction Services Addendum to the Continuing Roofing Construction Services Agreement with P&A Roofing and Sheet Metal for R-00103-West ARFF Roof Replacement, Orlando International Airport

The scope of this project is to provide all labor, equipment, and materials to remove and replace the entire roof system and coping cap on the West ARFF Building located at 4170 Express Street, Orlando, FL 32827. The duration of the project is 60 calendar days for Substantial Completion and 30 calendar days for Final Completion with a contemplated Notice to Proceed (NTP) date of May 2, 2023. Liquidated damages are defined as \$0.00 per calendar day for late Substantial Completion and \$0.00 per calendar day for late Final Completion.

This continuing contractor was selected for this project based on (all that apply):

- Experience Available Personnel Current Workload
- Expertise Equitable Distribution Other: _____

The MWBE/LDB participation has been reviewed by the Office of Small Business Development. Their findings and recommendation are attached.

Funding is from previously approved Capital Expenditure Funds (ZC-371). Funding source verified by _____ of Construction Finance on ___/___/___ as correct and available.

It is respectfully requested that the Construction Committee approve a Job Order Construction Services Addendum to the Continuing Roofing Construction Services Agreement with above-referenced continuing contractor in the total direct-negotiated amount of \$178,800.00, which includes a Lump Sum amount of \$178,800.00, no allowances and waive the requirement for Performance and Payment Bonds.

The invoicing method for this Job Order Contract will be:

- Lump Sum (~~with~~ or w/o Allowances)
Payment Method: Payment on Allowances will be authorized only after an Allowance has been converted to an approved Change Order (or Field Change Order).

CONSTRUCTION AWARD	
L/S	\$178,800.00
ALLOWANCE (NTE)	\$0.00
TOTAL	\$178,800.00
AAC – Compliance Review Date	KIS 4/18/23
AAC – Funding Eligibility Review Date	4/18/23

SECTION 01 11 00 - SUMMARY OF WORK

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and General Conditions of Contract, including other Division 1 Specification Sections, apply to this Section.

1.2 PROJECT DESCRIPTION

- A. Project/Work Identification:

1. The General overall description of the Work of the Contract for the:

R-00103, WEST ARFF ROOF REPLACEMENT
Orlando International Airport
Orlando, Florida

can be summarized for purposes of administration and payment in the manner of project segments as follows:

2. The Project consists of the removal and replacement of the entire existing roofing system of the West ARFF Building to include zones 1, 2, and 3 – located at 4170 Express St, Orlando, FL 32827.
- a. Remove and dispose of the existing TPO/PVC roof system and flashings down to the existing LWIC deck.
 - b. Furnish and install 1/4" Sopraboard coverboard mechanically attached through existing LWIC, engaging steel decking.
 - c. Furnish and install a 2-ply modified bitumen roof system over installed coverboard in accordance with the manufacturer's specifications.
 - d. Furnish and provide 1/4" cover board mechanically attached inside of parapet walls to receive new SBS flashings.
 - e. Furnish and install 2-ply SBS base flashing fully adhered on vertical surfaces and terminated per manufacturer's specifications
 - f. Furnish and install Alsan liquid flashings at all pipe penetrations per manufacturer's specifications.
 - g. Remove and reinstall existing lightning protection, certified by a licensed installer.
 - h. Furnish and install premanufactured .040 Kynar coated aluminum coping cap with prefabricated mitered corners.
 - i. Fabricate and install .040 mill finished aluminum cleat at top of parapet walls to receive a new coping cap.
 - j. Fabricate and install 032 mill finished aluminum counterflashing as required.
 - k. Owner shall receive a 20-year no-dollar limit warranty from the roof system manufacturer.
 - l. Upon successful completion by P&A Roofing & Sheet Metal, Inc., the proposed roofing qualifies for the SOPREMA 20 year, Platinum NDL Roof Warranty (Form 101).
3. The Project shall select an FM Approved roof assembly. FM Global will need to review roof cover replacement.

1.3 CONTRACTOR USE OF PREMISES

- A. Limit use of the premises to construction activities within areas indicated; allow for any Owner and tenant occupancy, and use by the public.
1. Minimize any disruption to all operating areas, including parking areas.
 - a. Existing public services and utility systems shall remain in operation during the construction period, excluding times required for installation of new work unless specifically allowed by the Contract.
 - b. Schedule and coordinate outages and interruptions of public service with the OAR. See the specific forms for processes and time constraints. Utilize the following forms:
 - 1) Form #018 System Interruption/Utility Outage Notification.
 - 2) Form #018a System Interruption/Utility Outage Notification Procedured.
 - 3) Form #018b Roofing Impact Notification
 - 4) Form #018c Security System Interruption/Outage Request
 2. Provide all temporary directional signage, safety, and barricading required for passenger services.
 - a. Submit a plan indicating signage, safety, and barricading for access routes, storage areas and work sites, at the pre-construction meeting.
 - b. Directional signing at the access gate and or along the delivery route to the storage area or work site shall be as directed by the OAR.
 3. Confine operations to areas within Contract limits indicated. Portions of the site beyond areas in which construction operations are indicated are not to be disturbed.
 4. Access to site shall be shown on the plans or as directed by the OAR. Do not permit any unauthorized construction personnel or traffic on the site. Provide for traffic control to and from the various construction areas. Immediately clean-up any debris deposited along the access road as a result of construction traffic.
 - a. Keep driveways and entrances serving the premises clear and available to the Owner, Tenant, their employees at all times, and the public. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on site.
 5. All material orders for delivery to the site will use as a delivery address the access point at the Contractor's storage site.
 - a. Coordinate with the OAR and allow for the least possible disruption of the facilities normal operations for delivery of materials and removal of demolished and discarded materials.
 - b. Delivery of materials and removal of demolished and discarded materials shall be scheduled as follows:
 - 1) Schedule and coordinate all deliveries and removal of debris as directed by the OAR.
 6. The limits of construction material storage areas, equipment storage areas, and parking areas shall be as indicated in the documents or as directed by the OAR. Erect and maintain

suitable fencing, marking and warning devices suitable for both day/night use to delineate the perimeter of all such areas. Refer to specification Section 01 55 30 Requirements for Use of Canal Road.

- a. Parking management cards may be used to provide contractor parking in the terminal garages and terminal top parking. These cards will cost \$60 per card per month, taxes not included.

- B. Use of the Existing Building: Maintain the existing building in a weathertight condition throughout the construction period. Repair damage caused by construction operations. Take all precautions necessary to protect the building and its occupants during the construction period.

1.4 OWNER OCCUPANCY

- A. Full Owner Occupancy: The Owner, its tenants, and the public will occupy the site and existing building and adjacent facilities (outside the limits of the construction area unless specified) during the entire construction period. Cooperate with the Owner during construction operations to minimize conflicts, facilitate occupancy usage, and protect persons and property in the project area during the entire construction period. Perform the Work so as not to interfere with the Owner's operations.

1. All work may be carried out without time restrictions, unless otherwise directed by the Owner.

1.5 LAWS, PERMITS, AND REGULATIONS

- A. Comply with all applicable laws, ordinances, regulations, codes, ADA requirements.
- B. Obtain and pay for all license and permits, all fees and charges for connection to outside services and parking for Contractor's vehicles.
- C. Abide by FAA and Owner's safety and security regulations and procedures relative to access to, and work in, Airport Operations Areas and secured facilities.
- D. Comply with Owner's insurance requirements.

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION (Not Applicable)

END OF SECTION 01 11 00



Roof Proposal for:

GOAA

Attn: Colin Paterson

Phone: (407)-825-2990

Fax: N/A

Bid Date: April 6, 2023

Project: **West ARFF Reroof**

Project Address: 4170 Express St

City/State: Orlando, Florida 32824

We hereby submit this contract for the above-referenced project. Our proposal based on field observations includes the costs to furnish and install modified bitumen systems at three separate buildings, along with the specified roof system components and accessories, as required to provide a watertight roofing system. Our proposed roof system includes a 20 year No Dollar Limit Warranty.

SPECIFICATION

We hereby propose and offer contract to perform all work, as follows:

JOB START

- Prior to starting of work owner shall receive a certificate of insurance from P&A Roofing & Sheet Metal
- An inspection of the existing conditions shall be performed, to record and report prior damages and detrimental conditions
- A pre-roofing conference shall be held with the Owner's representative to coordinate this project.

Twenty Year No Dollar Limit Warranty – SBS Roof System

INSULATION SYSTEM/DEMO

- Remove and dispose of the existing TPO/PVC roof system and flashings down to the existing LWIC deck.
- Furnish and install 1/4" Sopraboard coverboard mechanically attached through existing LWIC, engaging steel decking.

SBS ROOF SYSTEM

- Furnish and install a 2-ply modified bitumen roof system over installed coverboard in accordance with the manufacturer's specifications.
- Furnish and provide 1/4" cover board mechanically attached inside of parapet walls to receive new SBS flashings.
- Furnish and install 2-ply SBS base flashing fully adhered on vertical surfaces and terminated per manufacturer's specifications.
- Furnish and install Alsan liquid flashings at all pipe penetrations per manufacturer's specifications.
- Remove and reinstall existing lightning protection, certified by a licensed installer.



SHEET METAL FLASHING & TRIM

- Furnish and install premanufactured .040 Kynar coated aluminum coping cap with prefabricated mitered corners.
- Fabricate and install .040 mill finished aluminum cleat at top of parapet walls to receive a new coping cap.
- Fabricate and install 032 mill finished aluminum counterflashing as required.

WARRANTY

- Owner shall receive a 20-year no-dollar limit warranty from the roof system manufacturer.
- Owner shall receive a 2-year workmanship warranty from P&A Roofing and Sheet Metal.

We hereby propose to furnish labor and materials - complete in accordance with the above roofing specifications, for the sum of:

\$178,800.00

(One Hundred Seventy-Eight Thousand Eight Hundred Dollars)

The proposal is subject to price escalation due to instability within the roofing market.



EXCLUSIONS:

- Providing or installation of all internal roof drains.
- All wood nailer replacement.
- All trellis systems and associated trim.
- All louvers and access doors.
- All soffit and associated trim.
- All signage and associated trim.
- All metal flashing not directly related to the roof system.
- Half cap flashing under all windows.
- All demo and installation of EIFS, stucco, brick or stone, and associated trim.
- Saw cutting of all CMU and tilt walls for riglets and scuppers.
- All caulking at coping face and vertical wall transitions.
- Providing or installation of all roof access ladders.
- All insulation at the vertical walls.
- All A/C unit racks and installation.
- All Textura Construction Payment Management fees.

NOTES:

- Payment terms are to be per the contract.
- Add 2.0% for payment and performance bond if required.

ACCEPTANCE OF PROPOSAL

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Date: _____ Signature: _____

Date: _____ Signature: _____

Sincerely,

Ryan Upchurch

Project Estimator

P&A Roofing and Sheet Metal

P&A Roofing and Sheet Metal

Prepared By; Ryan Upchurch

Date: 4/11/2023

West ARFF Roof Replacement

Scope Description:

- Removal and disposal of TPO/PVC membrane
- Furnish and install new coverboard and 2-ply Modbit SBS roof system over existing LWIC.

Scope of Work	Unit of Measure	Qty	Unit Cost	Total Amount	Total Amount
Mobilization					
Mobilization/Demobilization	LS	1	\$ 5,000.00	\$ 5,000.00	
Dump fee's	EA	1	\$ 1,500.00	\$ 1,500.00	
GOAA Badging	N/A			\$ -	
				\$ -	
Total Mobilization				\$ 6,500.00	
Labor					
Superintendent	LS	1	\$ 5,000.00	\$ 5,000.00	
Equipment Operator	LS	1	\$ 2,500.00	\$ 2,500.00	
Skilled Labor	LS	1	\$ 50,000.00	\$ 50,000.00	
				\$ -	
				\$ -	
Total Labor				\$ 57,500.00	
Equipment/Warranties/Permitting					
Lift/ Fuel/ Pickup/Delivery	MO	1	\$5,000.00	\$ 5,000.00	
Warranties/Permitting	LS	1	\$4,500.00	\$ 4,500.00	
Scaffolding	MO			\$ -	
				\$ -	
Total Equipment				\$ 9,500.00	
Materials					
Premanufactured Aluminum Coping	LS	1	\$25,000.00	\$ 25,000.00	
Insulation/Coverboard	LS	1	\$18,500.00	\$ 18,500.00	
Modified Membranes	LS	1	\$25,000.00	\$ 25,000.00	
Freight, Delivery	LS	1	\$8,500.00	\$ 8,500.00	
				\$ -	
Total Materials with Tax				\$ 77,000.00	
Subcontracts					
Lightning Protection		1	4979	\$ 4,979.00	
				\$ -	
				\$ -	
				\$ -	
Total Subcontracts				\$ 4,979.00	
Profit				\$ 23,321.00	15%
Total (Rounded to Nearest whole Dollar)					\$ 178,800.00



Logout :

Sector Identification :

Asset: Commercial Roofing :

Sector Name: A :

Description : Sector A :

Building [0449](#) :

Description [West ARFF](#)

Consultant **CMC** :

Site [02](#) :

Description [0449 - West ARFF](#)

Consultant **CMC** :

:
:

Client [GOAA](#) :

General In C

System: **TP** C
 Installation Date: C
 Manufacturer: C
 Contractor: C
 Designer: C
 Size: **4,700 SF** C
 Slope: **1/4"** C
 Height: **15'-0"** C
 Ponding:
 Custom Attributes: C
 General Comments: C

Construction Components C

Component C	Mat'l C	Attach C	Type C	Notes C	C
Base Flashing C	OTHER C	C	C		C
Coping C	GALV C	C	C		C
Counter Flashing C	SS C	C	C		C
Overboard C	C	C	C		C
Deck C	MET C	C	C		C
Downspouts C	SS C	C	C		C
Drain Pipes Flashing C	C	C	C		C
Edge Metal C	C	C	C		C
Exhaust Fans Flashing C	GALV C	C	C		C
Expansion Joint C	C	C	C		C
Filter Fabric C	C	C	C		C
Flashings (All) C	C	C	C		C
Gutter C	C	C	C		C
HVAC Flashing C	C	C	C		C
Insulation C	ISO C	C	C		C
Membrane C	OTHER C	C	C		C
Perimeter C	C	C	C	Parapet Walls, Rising Walls	C
Pitch Pans Flashing C	C	C	C		C
Plumbing Vents Flashing C	OTHER C	C	C		C
Primary Drainage C	C	C	SU C		C

Page size: 20 C 27 items in 2 pages C

Layers C

Penetrations C

Objects in Section C

Action Items C




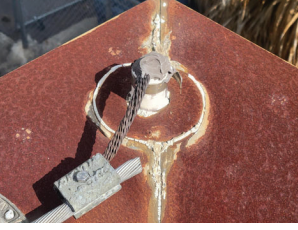

# C	Code C	Description C	Time Frame C	Inspection Date C	Qty C	Unit C	Repair Estimate C	Leak? C	Severity C	Incl In C	Planned Start C	Actual End C	Repair# C	C
003	CGOAL3	Level 3 Replacement	2023/01		4700	SF	\$234,966.	<input type="checkbox"/>		<input type="checkbox"/>				
3	detSTFL	Deteriorated Strip Flashing	2023/0		00	LF	\$6,527.40	<input type="checkbox"/>	4 Severe	<input type="checkbox"/>				
24	ev OND	Evidence of ponding	2023/0		00	SF	\$0.00	<input type="checkbox"/>	Low	<input type="checkbox"/>				

3	6	detSLNT	6	ete io ated Sealant	6	2023/01	6	4	6	LF	6	\$0.00	6	<input type="checkbox"/>	1	Low	6	<input type="checkbox"/>	6	6		
42		sf c	6	Su face	6	ete io ation	6	2023/01	6	4700	6	SF	6	\$7 , 9 .95	6	<input type="checkbox"/>	3	High	6	<input type="checkbox"/>	6	6
43	6	membHOL:		Memb ane Holes	6	2023/01	6	1	6	SF	6	\$1 .32	6	<input type="checkbox"/>	3	High	6	<input type="checkbox"/>	6	6		
73		failCTNG	6	Coating Failu e	6	2023/01	6	3000	6	SF	6	\$0.00	6	<input type="checkbox"/>	4	Seve e	6	<input type="checkbox"/>	6	6		

Repai s 6

r 6

Photos 6

Sector Photo	Photo Caption	Action Items	Photo Date
	7/29/2022 photo of Coating Failu e	73 Coating Failu e; 6	7/29/2022 6
	7/29/2022 photo of Coating Failu e	73 Coating Failu e; 6	7/29/2022 6
	7/29/2022 photo of ete io ated Sealant	3 ete io ated Sealant; 6	7/29/2022 6
	7/29/2022 photo of ete io ated Sealant	3 ete io ated Sealant; 6	7/29/2022 6
	7/29/2022 photo of ete io ated Sealant	3 ete io ated Sealant; 6	7/29/2022 6

Drawings N

N	N	Comment N	Draw ng Date N	Current N	N
o	Draw ng record	No d	Play N		

Warranties N

N	Current N	N	Prov ded by N	Prov der N	Warranty End N	arranty Start N	arranty#	Date Entered N	Comment N
o	Warranty record	No d	Play N						

Other Documents N

N	Comment N	Document Date N	N
View OtherDocument N	Action Item Map N	7/29/2022 N	

Estimated Remaining Service Life N

ERSL Spec : N

ERSL Graph: N

Privileges N

U er N	V ew	Ed t	Delete	N
BrianNeely N	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Florida N	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
GOAA User N	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



Sector Identification

Asset: Commercial Roofing

g

Sector Name: B g

Description : Sector B g

Buildin : [0449](#) g

Description: [West ARFF](#) g

Consultant: **CMC**g

Site: [02](#) g

Description: [0449 - West ARFF](#) g

Consultant: **CMC**g

g

g

Client: [GOAA](#) g

General In C

System: **TP C**
 Installation Date: C
 Manufacturer: C
 Contractor: C
 Designer: C
 Size: **2,800 SF C**
 Slope: **1/4"**
 Height: **25'-0"**
 Ponding:
 Custom Attributes: C
 General Comments: C

Construction Components C

Component C	Mat'l C	Attach C	Type C	Notes C	C
Base Flashing C	Ther C	C	C		C
Coping C	Galv C	C	C		C
Counter Flashing C	C	C	C		C
Overboard C	C	C	C		C
Deck C	Met C	C	C		C
Downspouts C	SS C	C	C		C
Drain Pipes Flashing C	C	C	C		C
Edge Metal C	C	C	C		C
Exhaust Fans Flashing C	C	C	C		C
Expansion Joint C	C	C	C		C
Filter Fabric C	C	C	C		C
Flashings (All) C	C	C	C		C
Gutter C	C	C	C		C
HVAC Flashing C	C	C	C		C
Insulation C	ISO C	C	C		C
Membrane C	Ther C	C	C		C
Perimeter C	C	C	C	Parapet Walls	C
Pitch Pans Flashing C	C	C	C		C
Plumbing Vents Flashing C	C	C	C		C
Primary Drainage C	C	C	SU C		C

Page size: 20 C 27 items in 2 pages C

Layers C

Penetrations C






Action Items C

# C	Code C	Description C	Time Frame C	Inspection Date C	Qty C	Unit C	Repair Estimate C	Leak? C	Severity C	Incl In C	Planned Start C	Actual End C	Repair# C	C
003	CGOAL3	Level 3 Replacement	2023/01		2800	SF	\$139,979.8	<input type="checkbox"/>	C	<input type="checkbox"/>	C	C		
18	detMTLFL	Deteriorated Metal Flashi...	2023/01		200	SF	\$0.00	<input type="checkbox"/>	4 Severe	<input type="checkbox"/>	C	C		
21	detWLKPD	Deteriorated Walkpads	2023/01		1	EA	\$0.00	<input type="checkbox"/>	1 L wC	<input type="checkbox"/>	C	C		

42	sfrcDE g	urface Deterioration g	2023/01 g	2800 S g	F g	\$45,691.80 g	<input type="checkbox"/>	3 Hi h g	<input type="checkbox"/>	g	g
44	gwrnkMEME	Wrinkled Membrane g	2023/01 g	80 S g	F g	\$1,305.48 g	<input type="checkbox"/>	1 Low g	<input type="checkbox"/>	g	g
45	gopen EAM	Open eams g	2023/01 g	30 g	LF g	\$489.56 g	<input type="checkbox"/>	3 Hi h g	<input type="checkbox"/>	g	g
6	disbB gFL g	Disbonded Base Flashi	2023/01 g	80 S g	F g	\$2,610.96 g	<input type="checkbox"/>	1 Low g	<input type="checkbox"/>	g	g

Repairs g g

Photos g

Sector Photo g	Photo Caption g	Action Items g	Photo Date g
	7/29/2022 photo of Deteriorated Metal Flashin g	18 Deteriorated Metal g Flashin ; g	7/29/2022 g
	7/29/2022 photo of Deteriorated Walkpads g	21 Deteriorated Walkpads;	7/29/2022 g
	7/29/2022 photo of Disbonded Base Flashin s g	6 Disbonded Base g Flashin s; g	7/29/2022 g
	7/29/2022 photo of Disbonded Base Flashin s g	6 Disbonded Base g Flashin s; g	7/29/2022 g
	7/29/2022 photo of Disbonded Base Flashin s g	6 Disbonded Base g Flashin s; g	7/29/2022 g

Drawings N

N	N	Comment N	Draw ng Date N	Current N	N
o	Draw ng record	No d	Play N		

Warranties N

N	Current N	N	Prov ded by N	Prov der N	Warranty End N	arranty Start N	arranty#	Date Entered N	Comment N
o	Warranty record	No d	Play N						

Other Documents N

N	Comment N	Document Date N	N
View OtherDocument N	Action Item Map N	7/29/2022 N	

Estimated Remaining Service Life N

ERSL Spec : N

ERSL Graph: N

Privileges N

U er N	V ew	Ed t	Delete	N
BrianNeely N	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Florida N	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
GOAA User N	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



Logout :

Sector Identification :

Asset: Commercial Roofing :

Sector Name: C :

Description : Sector C :

Building [0449](#) :

Description [West ARFF](#)

Consultant **CMC** :

Site [02](#) :

Description [0449 - West ARFF](#)

Consultant **CMC** :

:
:

Client [GOAA](#) :

General In C

System: **TP** C
 Installation Date: C
 Manufacturer: C
 Contractor: C
 Designer: C
 Size: **165 SF** C
 Slope: **1/4"** C
 Height: **15'-0"** C
 Ponding:
 Custom Attributes: C
 General Comments: C

Construction Components C

Component C	Mat'l C	Attach	Type C	Notes C	C
Base Flashing C	THER C	C	C		C
Coping C	GALV C	C	C		C
Counter Flashing C	C	C	C		C
Overboard C	C	C	C		C
Deck C	MET C	C	C		C
Downspouts C	SS C	C	C		C
Drain Pipes Flashing C	C	C	C		C
Edge Metal C	C	C	C		C
Exhaust Fans Flashing C	C	C	C		C
Expansion Joint C	C	C	C		C
Filter Fabric C	C	C	C		C
Flashings (All) C	C	C	C		C
Gutter C	C	C	C		C
HVAC Flashing C	C	C	C		C
Insulation C	ISO C	C	C		C
Membrane C	THER C	C	C		C
Perimeter C	C	C	C	Parapet Walls, Rising Walls	C
Pitch Pans Flashing C	C	C	C		C
Plumbing Vents Flashing C	C	C	C		C
Primary Drainage C	C	C	SU C		C

Page size: 20 C 27 items in 2 pages C

Layers C

Penetrations C

Objects in Section C

Action Items C

# C	Code C	Description C	Time Frame C	Inspection Date C	Qty C	Unit C	Repair Estimate C	Leak? C	Severity C	Incl In C	Planned Start C	Actual End C	Repair# C	C
003	GOAAL3	Level 3 Replacement	2023/01		165	SF	\$8,248.81	<input type="checkbox"/>	C	<input type="checkbox"/>	C	C		
18	detMTLFL	Deteriorated Metal Flashing	2023/01		20	SF	\$0.00	<input type="checkbox"/>	4 Severe	<input type="checkbox"/>	C	C		
24	evPOND	Evidence Ponding	2023/01		20	SF	\$0.00		1 L w		C	C		

3	5	detSLNT	5	ete io ated Sealant	5	2023/01	5	6	5	LF	5	\$0.00	5	<input type="checkbox"/>	1	Low	5	<input type="checkbox"/>	5	5		
42	5	sf c	5	Su face	5	ete io ation	5	2023/01	5	16	5	F	5	\$2,692.	5	<input type="checkbox"/>	2	Mediur	5	<input type="checkbox"/>	5	5

5 S

Repai s 5

dd ar 5

Photos 5

Sector Photo 5	Photo Caption 5	Action Items 5	Photo Date 5
	7/29/2022 photo of ete io ated Metal Flashing 5	18 ete io ated Metal Flashing; 5	7/29/2022 5
	7/29/2022 photo of Evidence of Ponding 5	24 Evidence of Ponding; 5	7/29/2022 5
	7/29/2022 photo of Evidence of Ponding 5	24 Evidence of Ponding; 5	7/29/2022 5
	7/29/2022 photo of Su face ete io ation 5	42 Su face ete io ation; 5	7/29/2022 5
	7/29/2022 photo of Su face ete io ation 5	42 Su face ete io ation; 5	7/29/2022 5

Drawings [e](#)

	Comments e	Drawing Date C e	Current e
--	----------------------------	--	---------------------------

No Drawing records to display [e](#)

Warranties [e](#)

Current e	Provided by e	Provider e	Warranty Ends e	Warranty Starts e	Warranty# e	Date Entered C e	Comments e
---------------------------	-------------------------------	----------------------------	---------------------------------	-----------------------------------	-----------------------------	--	----------------------------

No Warranty records to display [e](#)

Other Documents [e](#)

	Comments e	Document Date e
--	----------------------------	---------------------------------

[View Other Document \[e\]\(#\)](#)

[Action Item Map \[e\]\(#\)](#)

7/29/2022 [e](#)

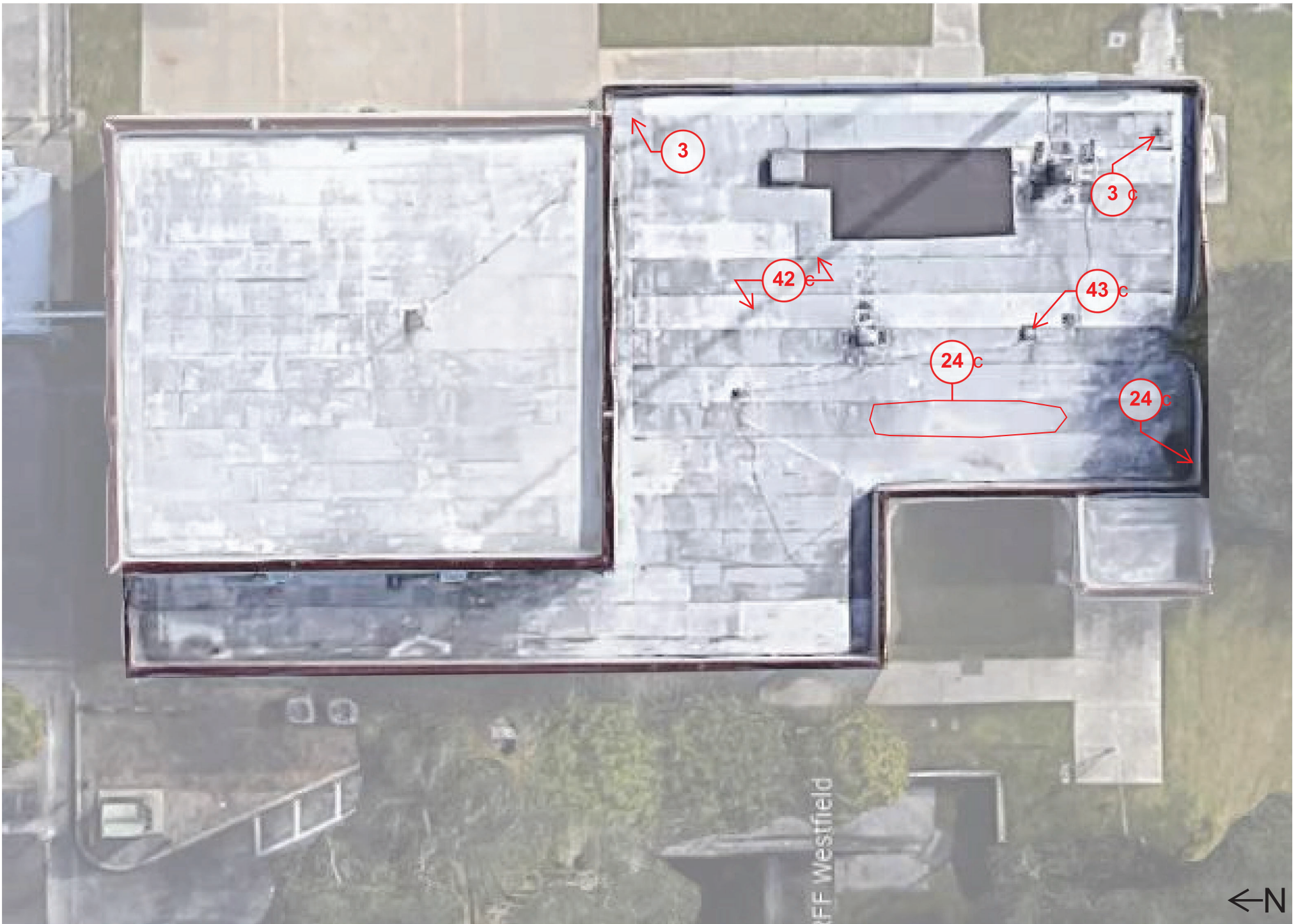
Estimated Remaining Service Life [e](#)

ERSL Specs: [e](#)

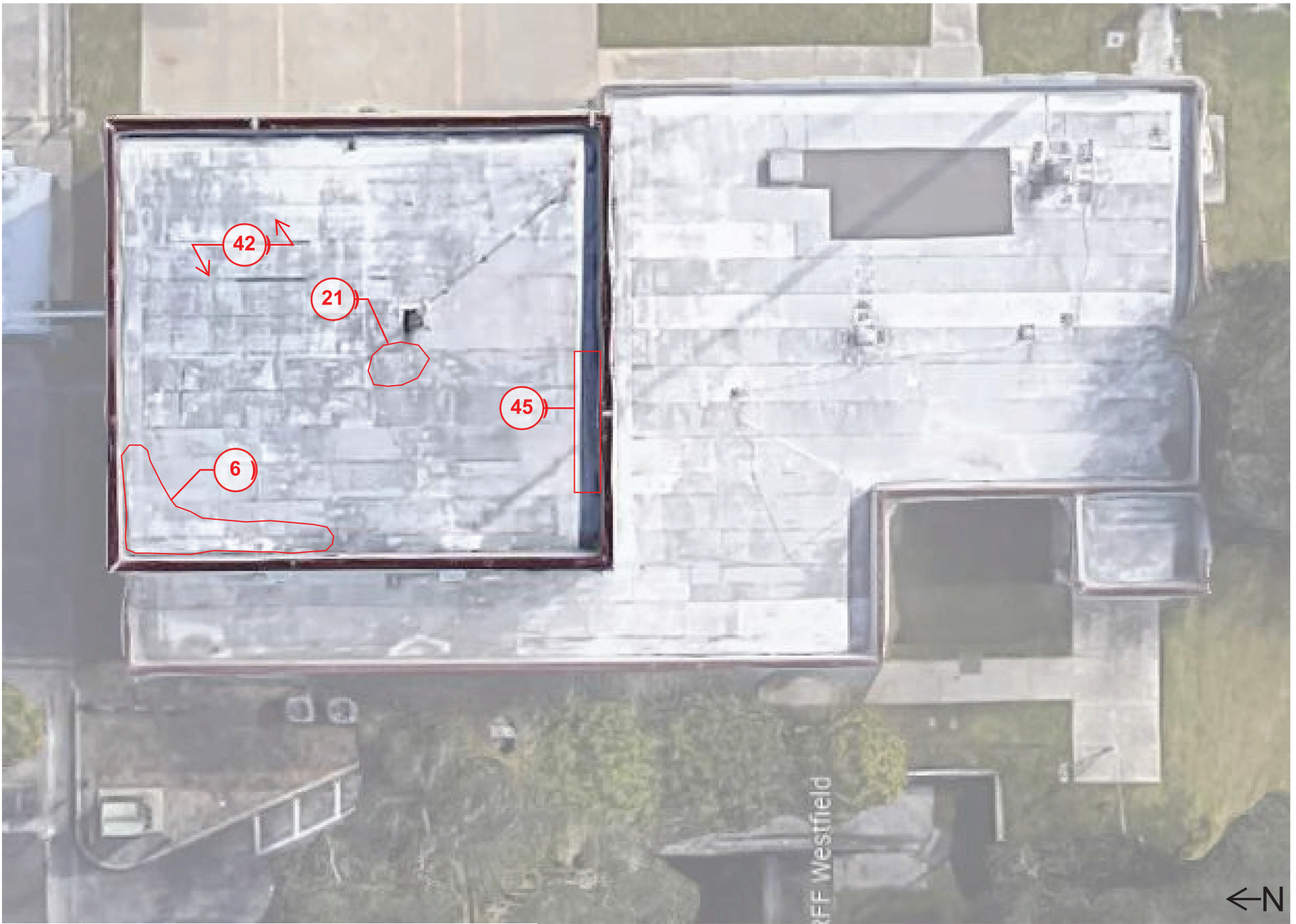
ERSL Graph: [e](#)

Privileges [e](#)

User e	View	Edit	Delete	e
BrianN e ly e	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Florida e	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
GOAA Us r e	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



Buildi c 0449 - West Airfield Statio (ARFF) c
Se for A c



Building 0449 - West A r f e d Stat on (ARFF)
Sector B)



Building 0449 - West Airfield Station (ARFF) e
Sector C e

**CURRENT DIVISION 0, DIVISION 1 AND SPECIFICATIONS
FOR JOB ORDERS
(Continuing Roofing Construction Contracts)**

Unless the specific award provides otherwise, the Continuing Roofing Contractor shall perform all work awarded through an addendum in accordance with the following Contract Documents (or latest revision):

<u>SECTION</u>	<u>DESCRIPTION</u>	<u>EDITION</u>
00 72 13	General Conditions of the Contract for Construction	03/2022
00 73 00	Supplementary Conditions of the Contract for Construction	03/2022
00 73 19.13	Hazardous Materials	03/2022
00 73 93	Special Conditions Regarding Construction at Airport Facilities	03/2022
00 73 93.01	Security and Badging at Airports	03/2022
01 21 00	Allowances	07/2019
01 23 00	Alternates	07/2019
01 25 00	Substitution Procedures	07/2019
01 29 73	Schedule of Values	07/2019
01 31 00	Project Management and Coordination	07/2019
01 31 14.13	System Interruptions - UON Procedures	07/2019
01 31 19	Project Meetings	07/2019
01 32 13	Scheduling of Work	07/2019
01 32 33	Photographic Documentation	07/2019
01 33 23	Shop Drawings, Product Data and Samples	07/2019
01 42 00	References	07/2019
01 45 00	Quality Control	07/2019
01 50 00	Temporary Facilities and Controls	07/2019
01 55 30	Requirement for Use of Canal Road	07/2019
01 60 00	Product Requirements	07/2019
01 71 23	Field Engineering	07/2019
01 73 29	Cutting and Patching	07/2019
01 74 23	Final Cleaning	07/2019
01 78 00	Closeout Submittals	07/2019
Div. 5	Metals	03/2016
Div. 6	Wood, Plastics and Composites	03/2016
Div. 7	Thermal & Moisture Protection: Green and Sustainable Initiatives	12/2014
Div. 8	Openings	03/2016
Div. 9	Finishes	03/2016
Div. 10	Specialties	12/2014
Div. 11	Equipment	08/2017
Div. 13	Special Construction	03/2016
Div. 14	Conveying Systems	12/2014
Div. 21	Fire Suppression	07/2016
Div. 22	Plumbing	06/2019
Div. 23	Heating, Ventilating and Air Conditioning (HVAC)	06/2019
Div. 27	Communications	10/2018
Div. 28	Electronic Safety and Security	06/2019
Div. 32	Exterior Improvements	03//2016



GREATER ORLANDO AVIATION AUTHORITY

Orlando International Airport
5850-B Cargo Road
Orlando, Florida 32827-4399

MEMORANDUM

To: Members of the Construction Committee

From: Edelis Molina, Sr. Small Business Administrator

Date: April 25, 2023

Re: Request for Approval of a Job Order Construction Services Addendum to the Continuing Roofing Construction Services Agreement with P&A Roofing and Sheet Metal for R-00103 West ARFF Roof Replacement, Orlando International Airport

We have reviewed the qualifications of the subject contract's MWBE/LDB/VBE specifications and determined that, due to the limited and specialized scope of the required services, P&A Roofing and Sheet Metal, Inc. does not propose small business participation on this job order construction services addendum.

Our analysis indicates that P&A Roofing and Sheet Metal, Inc. is eligible for award of the subject job order construction services addendum.

**Greater Orlando Aviation Authority
Construction Committee Item Review Checklist
Job Orders**

CCM Date:	April 25, 2023
Vendor Name:	P&A Roofing and Sheet Metal
Sponsor (Person listed in FROM section on memo):	Tuan Nguyen, Manager, Engineering
Preparer (Person listed as Prepared By under FROM section on memo):	Colin Paterson EXT #: 2990
GOAA Project Number:	R-00103

Appropriate GOAA Cover Memo (EDC document) properly completed, including the appropriate funding source	X Yes <input type="checkbox"/> No
Copy of Section 01 11 00, Summary of Work, describing the scope of work and performance period	X Yes <input type="checkbox"/> No
Identify any Allowances defined in the Contract (Section 01 21 00) and provide copy of section	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Contractor's proposal per the scope of work which shall include labor rates, burden, time, equipment, etc.	X Yes <input type="checkbox"/> No
Supporting documents, including but not limited to, subcontractor's quote and payroll costs for general conditions	X Yes <input type="checkbox"/> No
Independent Cost Estimates (OAR Estimate, Designer's Estimate, Historical Data, Multiple Quotes)	X Yes <input type="checkbox"/> No
Start-up package (A DRAFT is required, at minimum)	X Yes <input type="checkbox"/> No
Have services already been performed? If Yes, please explain.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Provide explanation for any items marked "No" No allowances on this project.	

Colin Paterson

4/10/23 @ 1100

Submitted By (Please Print Name) _____

Date / Time _____

To be Completed by Anser Advisory:
All documents listed on the checklist are included and ready for review:

Accepted Date _____ Rejected Date _____

PROJECT START-UP PACKAGE FOR R-00103-MCO

PROJECT ASSESSMENT FORM (PAF)

Coding by Construction Finance :

DATE: February 22, 2023
TO: Kevin J. Thibault, P.E, Chief Executive Officer
FROM: Gary Hunt, Vice President, Facilities
SUBJECT: Project Start-Up

Short Name:
Template:
Campus:
Cost Center:
Organization:
Program:
Subprogram:

**R-00103-MCO WEST ARFF SECTOR B ROOF REPLACEMENT
 Orlando International Airport**

PROGRAM: Facilities Improvements Projects / Other FIP Projects by Engineering & Construction (FIP)

DESCRIPTION OF PROJECT:

SPONSOR: Facilities

Replace Sector B roof on the West ARFF Building at the Orlando International Airport.

PROPOSED DELIVERY METHOD: (Proposed)

SCHEDULE: (See Details under "CURRENT STATUS" Below)

A/E: NONE
Construction: Direct Negotiated - Traditional
OAD Design Phase: NONE
OAD Constr. Phase: The Roderick Group, Inc. dba Ardmore Roderick

Advertise:
 Pre-Bid Conference:
 Bid Opening:
 Ant. Notice to Proceed:
 Ant. Subst. Completion: **0 Calendar Days**
 Ant. Final Completion: **0 Calendar Days**

PROJECT PRIORITY: High Priority

LIFE EXPECTANCY OF PROJECT: 20 Years

FUNDING: Cap. Ex. (Capital Expenditure Fund)

CONTROL BUDGET:

Task	\$ Amount	BY CONSTRUCTION FINANCE:		Comments
		\$ FUNDED	\$ UNFUNDED	
A/E Consultant Fees - Design Phase (Base)	\$0.00			
A/E Consultant Fees - Construction Phase (Base)	\$0.00			
Construction	\$190,078.00			
OAD Fees - Design Phase	\$0.00			
OAD Fees - Construction Phase	\$14,958.00			
Miscellaneous	\$2,000.00			
Contingency	\$4,500.00			
TOTAL	\$211,536.00			

Comments by Construction Finance

FAA/AIP				
FDOT				
PFCs				
Authority Funds				
Other Funds				
TOTAL				

CC: Fully executed copy will be posted to \GROUPS\CONST_ENG\PDF- Start-Up Packages\

PROJECT START-UP PACKAGE FOR R-00103-MCO

CURRENT STATUS:

FUNDING: CapEx (ZC-371)

STATUS: Anticipate direct-negotiations with T&G Corporation dba Bowhead Roofing

SCHEDULE:

03/21/23 Receive approval to award from CC

03/27/23 Complete contract execution

03/27/23 Issue Construction NTP (effective date)

05/25/23 Substantial Completion (60 cal.days from NTP)

06/24/23 Final Completion (30 cal. days from Subst.)

DRB (DISPUTE REVIEW BOARD):

DRB requirement IS NOT anticipated.

SYSTEMS / AREAS AFFECTED:

NONE

ANTICIPATED PERMITS:**PERMITS**

Agency :	Type Of Permit:	Permit No:	Issued:	Expires:	Final:	Comments:	Address:

