

SCOPE OF WORK

FINANCIAL PROJECT Nos.: 431290-1-52-01

COUNTY: SARASOTA

CONTRACT NO.: E1M51

PROJECT DESCRIPTION: WORK CONSISTS OF THE RETROFITTING OF THE CURRENT ROOF AND STRUCTURAL SYSTEM ON THE SARASOTA OPERATIONS STORAGE BUILDING (BUILDING 1429) AT DISTRICT 1 - SARASOTA OPERATIONS, FLORIDA DEPARTMENT OF TRANSPORTATION.

EXHIBIT "A"

SARASOTA OPERATIONS STORAGE BUILDING ROOFING RETROFIT SARASOTA COUNTY

Financial Project Number: 431290-1-52-01

Contract: E1M51

The project is located at the Florida Department of Transportation, District 1 - Sarasota Operations, 1840 61st. Street, Sarasota, Florida 34243

GENERAL

1.01 PROJECT DESCRIPTION

The work described herein includes the retrofitting of the existing metal roof panel assembly and supporting structure for the Sarasota Operations Storage Building, Building 1429.

1.02 PERFORMANCE STANDARDS AND GENERAL REQUIREMENTS

- A. The Contractor shall agree to follow customary/standard industry practice in the performance of all roofing services specified herein. The Department will have the sole authority to determine whether the Contractor has provided satisfactory services that meet customary/standard industry practice. Should the Contractor fail to adhere to these standards as determined by the Department, the Department may deem such failure as sufficient cause for default and immediately terminate this project.
- B. The Contractor must show a minimum of five (5) years experience in retrofitting of metal roofing systems and also in their design and installation.
- C. The contractor shall provide three (3) references, one of which must show that the company has retrofitted a metal roof system of at least 5,000 square feet. See Form 1 (attached).
- D. Only General Contractors or Certified Roofing Contractors holding a valid license issued in their own name by the appropriate State of Florida and/or county of jurisdiction licensing board are qualified to bid on this project.
- E. The Contractor shall provide insurance certificates and maintain insurance coverage, i.e. workmen's compensation, bodily injury, property damage and automotive damage, for the duration of this project.

1.03 STAFFING

The Contractor shall provide a schedule of the number of employees who will be assigned to work this project, listing all positions to the Department's Project Manager once the Notice to Proceed (NTP) has been issued. An experience supervisor must be on site during all hours that work is performed.

1.04 SUBCONTRACTORS

It is the Department's intent that the Contractor will only use its own employees to perform work under this contract, and as such, the Contractor will not subcontract any work without prior written approval by the Department.

1.05 WORK HOURS

Working hours for this project will be from 7:00 am through 5:30 pm, Monday through Friday. The Department reserves the right to adjust work hours to serve the specific needs of the facility. Any deviation in work hours will be coordinated through the Department's Project Manager.

1.06 SUPPLIES

Contractor shall furnish all roofing products, materials, and supplies for successful completion of the project. All products used shall be stored in a clean, neat and safe manner with designated areas approved by the Project Manger.

1.07 SAFETY REQUIREMENTS

Contractor shall comply with all applicable requirements and standards of the OSHA.

1.08 FINES, CITATIONS, DAMAGES AND PERMITS

The Contractor shall be solely responsible for coordination of any permits that may be required. The Contractor shall also be solely responsible for all fines, damages, or penalties of any sort levied by local, state or federal regulators against the Department for incidents resulting from non-compliance relating to regulatory violations and/or negligence on the part of the Contractor, including but not limited to spills, leaks, false alarms, injuries to the environment, injuries to humans or damages to real property. The Contractor shall be solely responsible for any and all costs, expenses, attorneys' fees and or travel incurred by the Department relating to such violations or negligence.

1.09 LOSS OR DAMAGE

Any damage or loss to the facility or personal property owned by the Department's employees, caused by the Contractor's employees, will be the responsibility of the Contractor to repair or replace in a timely fashion. Contractor shall be responsible for any loss or theft of any items and equipment public or private, which are left in the workplace, and whose loss or theft are attributed to the Contractor's, or any of its employees or agents conduct, negligence or inattention.

1.10 WORK DESCRIPTION: The Contractor shall provide the following services; refer to Drawings for additional requirements.

A. Submittals:

- a. Complete signed, sealed set of drawings and specifications for the retrofit roof
- b. Complete shop drawings of the metal roof panels, gutters, downspouts, flashing, trim, purlins and fasteners
- c. Complete product data
- d. Record drawings.
- e. Warranties
- B. Quality Assurance: Installer qualifications
 - a. Installer's responsibilities include fabricating and installing metal roof panel repairs and providing professional engineering services needed to assume engineering responsibility.
 - b. Engineering Responsibility: Preparation of data for metal roof panels including Shop Drawings, based on testing and engineering analysis of manufacturer's standard units in assemblies similar to those indicated for this Project.
 - c. Installer of Metal Roof Panel Quality Assurance: Installer shall be acceptable to manufacturer. Provide design analysis data signed and sealed by a Florida licensed Structural Engineer for review and approval.
- C. The Contractor shall review the existing conditions, to be coordinated by the Owner. It is expressly understood that the Owner will not be responsible for interpretations or conclusions drawn by the Contractor.
- D. Conduct a pre-installation conference; coordinate with the Department.
- E. Totally tear-off the existing metal roof panel assembly, including gutters and downspouts.
- F. Remove existing roof purlins supporting the existing metal roof panel assembly.
- G. New roof purlin structural support system to receive a new metal roof panel assembly and comply with Florida Building Code wind uplift requirements.
 - a. Shop fabricate framing components to size and section, with base plates, bearing plates, stiffeners, and other items required for erection welded into place. Cut, form, punch, drill, and weld framing for bolted field assembly.
 - b. Unless otherwise indicated, fabricate framing from either cold-formed, structural-steel sheet or roll-formed, metallic-coated steel sheet, pre-painted with coil coating.
 - c. Provide zinc-plated or hot-dip galvanized bolts for structural-framing components that are galvanized.
- H. Metal roof panels shall be 24 gauge ASTM A 653 galvanized steel, G90 coating, with a tapered-rib-profile for lap-seam panel attachment to supporting purlin substrates. Refer to Drawings for details and additional information. Provide manufacturer's standard finish 10 year performance warranty. Color shall be white. Install new metal roof panel assembly with new ridge vent, including gutters and downspouts. Installed assembly shall comply with Florida Building Code wind uplift requirements and have a current Florida Product Approval. Performance criteria: see attached drawings.
 - a. Fabricate and finish metal panels at the factory to greatest extent possible, by manufacturer's standard procedures and processes, as necessary to fulfill

- indicated performance requirements. Comply with indicated profiles and with dimensional and structural requirements.
- b. Exterior Finish: Two-coat fluoropolymer
- c. Provide manufacturer's standard accessories, fabrications and installation per manufacturer's recommendations.
- d. Provide complete accessories for metal roof panels including but not limited to a vented ridge cap, closures, backing plates, flashing, trim, and sealants.
- I. New gutters and downspouts shall be 26 gauge ASTM A 653 galvanized steel. Gutter and downspout dimensions and profiles to match existing. Downspouts to comply with Florida Building Code for proper rain drainage of the roof panel assembly. Coordinate exact locations with door and window openings in metal wall panels. See drawings for locations.
 - a. Gutters: Metallic-coated steel sheet pre-painted white with coil coating; finished to match roof panels. Fabricated gutter supports from same material and finish as gutters. See drawings for detail notes.
 - b. Downspouts and Mounting Straps: Zinc-coated (galvanized) steel sheet prepainted with coil coating; finished to match metal wall panels. See drawings for detail notes.
 - c. Gutters, downspouts and trim shall be white to match roof panel.
- J. All trim shall be galvanized steel, 26 gauge, and color white to match gutters, downspouts and roof panels.
- K. If required for installation and retrofit of purlin structure, remove overhead doors, properly store, and reinstall in the same location.
- L. Remove and discard existing roof exhaust fan.
- M. Remove light fixtures to permit retrofitting roof purlin structure. Clean, store and reinstall light fixtures in the same locations. Permanently re-install light fixtures without chains.
- N. Protect building interior and all contents during the entire construction period.
- O. Deliver, store, and handle installation materials and components to preclude any damage and as directed by the Department.
- P. Install L-Bracket and metal trim to all existing eave openings. Completed retrofit work to result in a watertight and weather resistant installation.

1.11 BASIS OF PAYMENT

Partial payments may be made for percentages or stages of work completed upon approval of Project Manager. See Non-Technical Specifications and Exhibit "B" Method of Compensation for other terms of payment.