



**WORKING WATERFRONT AND GREENSPACE PROJECT
ADCNR GRANT NO.: M1A14-FHWW
FAIRHOPE BID NO.: 2023WWFD-034**

Goodwyn Mills Cawood

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ADDENDUM 1

A signed copy of this Addendum shall be included with the Bid Submittal.

- Please see the attached Working Waterfront Bid Opening Grant Docs Checklist
- No. 4 stone will be accepted as an approved equivalent to the No. 2 Stone called for as Stone Subbase for pavers.
- Article 3 – Qualifications of Bidders: 3.02 shall be omitted. There will be no requirement for the Contractor to be pre-qualified with the Alabama Department of Transportation.
- The Funicular Lump Sum Price shall include equipment, landing, material, labor, appurtenances, incidentals and include the full engineering (civil, structural, geotechnical, MEP) to deliver a “turnkey” unit.
 - Civil Specifications: Section 14 41 00 shall be removed in its entirety and replaced with attached Section 14 41 00.1
- Supplemental Conditions: SC-6.06 shall be revised to state that the Contractor will be allowed to award work to subcontractor(s) that is valued at more than fifty (50%) percent of the Contract Price.
- South beach Seawall block style to be “Kingstone”.
- Certified Payroll is not required on this project.
- Line Item 005 Borrow shall be by Loose Truck Bed Measurement (TBM)
- The modular retaining wall behind the new bathroom facility will be 10’ vertically from top of wall to top of foundation.
- Mod Block Retaining Wall Handrail will be Per the block manufacture’s recommendations
- Revised bid sheet will be issued on 08 August 2023.
- Revised Landscape and Civil Drawings will be issued on 08 August 2023.
- The construction estimate is \$5,000,000 - \$5,500,000.

Addendum 1:

Contractor Signature and Date Acknowledging Receipt: _____

SECTION 14 41 00.1

INCLINED ELEVATOR

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Commercial incline elevator.

1.2 RELATED SECTIONS

- A. Section 03300 - Cast-In-Place Concrete: Anchor placement in concrete.
- B. Section 02465 - Helical Screw Piles.
- C. Section 04800 - Masonry Assemblies: Anchor placement in masonry.
- D. Section 05500 - Metal Fabrications: Miscellaneous supports.
- E. Section 06100 - Rough Carpentry: Platform and blocking in framed construction for lift attachment.
- F. Division 16 - Electrical: Concealed low voltage control wiring.
- G. Division 16 - Electrical for electrical service and disconnects, wire routing and connections, telephone service.
- H. Division 16 - Electronic Safety and Security: Access control.

1.3 REFERENCES

- A. American Society of Mechanical Engineers (ASME):
 - 1. ASME A17.1 Safety Code for Elevators and Escalators.

5.1 Inclined Elevators (Commercial).

- B. International Code Council / American National Standards Institute:
 - 1. ICC/ANSI A117.1 - Accessible and Usable Buildings and Facilities.
- C. National Fire Protection Association (NFPA):
 - 1. NFPA 70 - National Electric Code.
- D. ASTM International (ASTM):
 - 1. ASTM C 387 - Standard Specification for Packaged, Dry, Combined Materials for Concrete and High Strength Mortar.

1.4 DESIGN / PERFORMANCE REQUIREMENTS

- A. Provide inclined elevators in compliance with:
 - 1. ASME A17.1 Safety Code for Elevators and Escalators.

5.1 Inclined Elevators (Commercial).

- 2. NFPA 70 - National Electric Code.

1.5 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's product data on each product to be used, including:
 - 1. Materials, components, profiles, fabrication, and finishes.
 - 2. Weight capacities and operational data.
 - 3. Accessories and features.
 - 4. Electrical service requirements.
 - 5. Preparation instructions.
 - 6. Storage and handling requirements.
 - 7. Installation methods.
 - 8. Operations and routine maintenance procedures.
- C. Shop Drawings:
 - 1. Submit engineering drawings, specs, calculations, and analysis data signed and stamped by a professional engineer licensed in the jurisdiction of the project, and responsible for shop drawing preparations.
 - 2. Show complete layout and location of equipment, including required clearances, landing station elevations and relationship with site conditions and adjacent construction.
 - 3. Show product details including layout, dimensions, hardware type, material gage, connections and finishes for car, rail, support structure, gates, drive system (power pack), control panel enclosure and spring buffer.
 - 4. Include electrical schematic including wiring diagrams.
- D. Selection Samples: For each finish product specified, two complete sets of colors representing manufacturer's full range of available colors and finishes.
- E. Verification Samples: For each finish product specified, two samples, minimum size 3 inches (75 mm) square, representing actual product, color, and patterns.
- F. Closeout Submittals:
 - 1. Manufacturer's operation and maintenance instructions that includes a Maintenance Control Program in accordance with ASME A17.1.
 - 2. Properly executed Manufacturer's Warranty
 - 3. Certified test reports indicating inclined elevators comply with the local building authority and specified performance requirements.

1.6 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Firm with minimum 10 years documented experience in manufacturing of inclined elevators of installations of type specified.
- B. Installer Qualifications: Firm authorized by the manufacturer and properly licensed to install equipment of this scope, with evidence of experience with specified equipment. Installer shall maintain an adequate stock of replacement parts and have qualified people available to ensure timely maintenance and callback service at the project site.
- C. Single Source Responsibility: All car, chassis, rail/track, drive system, electrical and operational components shall be provided by the same Manufacturer. Accessories and components by other manufacturers shall be in accordance with the Manufacturer's requirements.
- D. Pre-Installation Meeting:

1. Timing: Convene at the project site a minimum of two weeks prior to starting foundation work.
2. Attendance: Architect, Owner, Contractor and related trades including foundation, electrical, elevator manufacturer, elevator installer, major suppliers and all other trades directly affected by the Inclined Elevator Work.
3. Purpose: Review site-specific requirements, layout, schedule, field quality control, shipping plan, staging plan, install plan, and coordination with other work.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Receive and inspect all products for damage or defects and immediately report deficiencies to the Contractor and Manufacturer for instructions.
- B. Store products in manufacturer's unopened packaging until ready for installation.
- C. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

1.8 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

1.9 WARRANTY

- A. Provide manufacturer's standard limited warranty.

PART 2 PRODUCTS

2.1 MANUFACTURERS

INCLINE ELEVATORS

- A. Inclined Elevator lift as indicated on the Drawings and conforming to the following design requirements:
 1. Application:
Commercial.
 2. Number of Stops / Landing Stations:
2 stops: Top and Bottom only.
- B. Materials General: Rail, supports, car, chassis, spring buffer and gates.
 1. Type:
 - a. Stainless Steel 316L.
- C. System Model:
 1. ADA / XXL 5x5 Commercial:
 - 1) Interior Floor Space: 60 inches wide by 60 inches long (1524 mm wide by 1524 mm long).
 - 2) Outer Dimensions: 64-9/16 inches wide by 79-1/2 inches long (1639.9 mm wide by 2019.3 mm long).

- 3) Door Opening: 36 inch (914.4 mm) wide door(s).
- 4) Frame Type: Tubular, welded.
- 5) Seat Type: One fixed seat and one folding seat.
- 6) Flooring Material: ADA acceptable slip resistant marine grade fiberglass grate.
- 7) Capacity: 2371 lbs (1075 kg)
- 8) Motor: 10-15 hp

D. Car Details:

1. Wall Height:
 - 1) Fully enclosed: 75 inches (1905 mm) high walls:
 - 2) Straight panel walls with matching roof.

Single Door: Left side.

2. Wall / Door Paneling Material:
 - a. As specified by Customer

E. Drive System: Includes motor, brake, gearbox, sheaves or drum:

1. Type:
2. WDD, Double Cable Winding Drum Drive System:
 - 1) Travel: Approximately 60 feet
 - 2) Max Capacity: 2200 lbs.
 - 3) Machine Area: Motor Room
3. Details:
 - 1) Motor, gearbox, shaft, drum/sheaves, frame to be sized according to model type, total capacity, weight/size of car, angle of incline and rated speed.
 - 2) Outdoor rated.
 - 3) Integrated brake.
 - 4) Through shaft only, no couplers.
 - 5) Double reduction.
 - 6) Worm Style
 - 7) Industrial duty, outdoor rated.
 - 8) 3 and 7/16 inch minimum diameter solid stainless steel.
 - 9) 3/8 inch (9.55 mm) diameter galvanized aircraft cable.
 - 10) 14,400 pounds (6581 kg) minimum breaking strength.
 - 11) Provide shaft, deflection sheave with sheet metal cover for Winding Drum systems.
 - 12) Plate, channel and tubular, welded stainless-steel.

Power Pack Size:

Motor:

Gearbox:

Shaft:

Drive Cable:

Cable Components:

Drive Machine frame:

Hood cover.

F. Chassis:

1. Wheels: Ride captured inside the rails for safety. Systems that ride on top of rails not accepted.
2. Over-speed Governor: Mounted on chassis, operated by centrifugal force only. Controls dedicated over-speed brake.
3. Over-speed Brake: Equipped with mechanical rail gripping style brake, dedicated purpose, instantaneous stop.
4. Slack Cable Brake: Equipped with mechanical rail gripping style brake, dedicated purpose, instantaneous stop.

G. Rails:

1. Type:

Design: Captured rail style C-Channel guide rails. Rails designed for chassis that ride on top of the rails not accepted.

Dimension: 10 foot long by 4 foot wide (3048 mm long by 914.4 or 1219.2 mm wide) sections.

Cross Members: Welded tube spaced 12 inches (304.8 mm) o.c.

Couplers: Couplers on ends to mate each section to the next using 4 bolts per rail section.

2. Hardware:

Material: Stainless Steel bolts and Nylock nuts only.

Grade: 18-8 Stainless Steel or greater.

Size: 3/8 inch (9.5 mm) diameter.

3. Spring Buffer:

Provide a mechanical stop to prevent over-travel in the event of a switch failure.

H. Rail Supports:

1. I-Beam:

Provide brackets or special rail with cross members to direct mount rail to the top flange of Steel I-Beam(s) as indicated on the Drawings

I-Beams and foundation design, material and installation as specified in Section 03300 and Section 05500.

I. Electronic Components:

1. Required Power Supply, Disconnect and Fuses: As specified in Division 16.

Power:

- 1) 220-240 VAC Single phase 60HZ.
- 2) 208-230 VAC Three phase 60 HZ.
- 3) 460 VAC Three phase 60 HZ.
- 4) As indicated on Drawings.

Electrical Disconnect and Fuses:

- 5) Sizing: Based manufactures requirements.
- 6) Installation: Provided by an licensed electrician as specified in Division 16.
- 7) Disconnect Type: Outdoor Fusible Safety Switch with lock out tag out.
- 8) Fuse Type: Type T or CC.

2. Main Electrical Control Panel:

Variable Frequency Drive (VFD) Variable speed soft start/stop motor control.

Programmable Logic Controller (PLC).

UL listed by approved panel shop.

NEMA 4X weather proof enclosure.

3. Car Onboard Call Station:

Directional control buttons for each station.

Energy Cain for Onboard controls and safety switches.

NEMA 4X weather proof enclosures.

4. Car Door(s) Safety Switch:

Shut-off limit switch type.

Commercial: Mechanical / electrical Interlock shut-off and lock type.

5. Landing Call Stations:

Power: 24 VDC Low Voltage type.

Security Call Stations:

- 1) Keyed.
- 2) Keyless / keypad.
- 3) Keyless / keypad with keyfob.

Emergency stop button: Emergency stop button shall cause electric power to be removed from the drive system stopping lift immediately.

NEMA 4X weather proof enclosures.

6. Landing Gate switches:

Shut-off limit switch type.

Commercial: Mechanical / electrical Interlock shut-off and lock type.

7. Limit Switches:

Slack cable switch:

- 1) Mounted near drum or pulleys.
- 2) Mechanically re-settable type only.

Primary Deceleration and Park switches:

- 3) Mechanical Limit Switch

Final Switches:

- 4) Provide upper and lower final limit switches to stop the lift in the event of a failure of the primary limit switch.
- 5) Mechanical type only.

J. Landing Station Gates:

1. Door Type: Single swinging door.
2. Hinge Type: Spring loaded self-closing Stainless steel.
3. Built-in mechanical/electrical Interlock shut-off and lock type.
4. Dimensions: ADA: 38 inches wide by 84 inches high

K. Landings Platforms: Platforms are provided as specified in Section 06100. Coordinate with platforms indicated on the Drawings.

L. Accessories:

1. Car lighting.
2. Car alarm.
3. Door interlocks.
4. Phone / communication system.
5. Pit switches.
6. Pit ladder.

M. Finish Requirements:

1. General: Design and fabricate to manufacturer's standard.

Include all modifications recommended by manufacturer for reliable performance in outdoor climate of lift installation site.

Provide an outdoor weatherproofing package including zinc rich primer on steel surfaces, weather-resistant sealant on the electrical components, stainless steel or plated fasteners and a weatherproofed stainless steel or zinc plated drive box.

Inclined Elevator control covers shall be fabricated of a Silver Grey injection-molded polymer or stainless steel.

2. Painting: After pretreating paint with electrostatically applied and baked powder coat as follows:

Color as selected by Architect from manufacturers standard colors.

3. Car, Chassis and Other Components:

Standard: Powder coat paint.

Stainless Steel: Stainless steel mill finish.

4. Rail and Supports:

Stainless Steel Standard: Stainless steel mill finish.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substructure has been properly prepared.
- B. Verify site conditions are within the manufacture's requirements.
- C. Verify electrical rough-in is at correct locations.

- D. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Verify required substrate/supports are secure and at correct locations.
- C. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 INSTALLATION

- A. Install incline elevators in compliance with regulatory requirements specified and the manufacturer's instructions.
- B. Install system components and connect to building utilities.
- C. Accommodate equipment in space indicated.
- D. Startup equipment in accordance with manufacturer's instructions.
- E. Adjust for smooth operation.

3.4 FIELD QUALITY CONTROL

- A. Perform tests in compliance with regulatory requirements specified and as required by authorities having jurisdiction.
- B. Schedule tests with regulatory agencies with Architect, Owner, and Contractor present.

3.5 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION

CITY OF FAIRHOPE WORKING WATERFRONT AND GREENSPACE PROJECT

BID PROPOSAL AND CONTRACT GRANT DOCUMENTS CHECKLIST

| Grant related document | Submit with Bid Proposal | Submit prior to Contract Award |
|---|---------------------------------|---------------------------------------|
| Proof of your Company's Active Registration in SAM.GOV | X | |
| E-Verify MOU | X | |
| Executed Beason Hammon Certificate | X | |
| Copies of Email Communication with MBE/WBE outreach programs | X | |
| Solicitation letters mailed directly to MBE/WBE firm(s) | X | |
| List of certified MBE/WBE firms submitting quotes and NOT awarded subcontracts | | X |
| Documentation supporting selection of Non-MBE subcontractor over MBE/WBE firm(s) submitting quotes(s) | | X |
| Subcontractor Listing Form completed to include all Subcontractors that will be used on this project | | X |
| MBE/WBE certification from each MBE/WBE firm on the Subcontractor Listing Form | | X |
| Proof of SAM.GOV Active Registration for each Subcontractor on the Listing Form | | X |



MANDATORY PRE - BID ATTENDANCE ROSTER
WORKING WATERFRONT AND GREENSPACE PROJECT

ADCNR GRANT NO.: M1A14-FHWW

FAIRHOPE BID NO.: 2023WWFD-034

FOR

CITY OF FAIRHOPE

GMC PROJECT No. CMOB190298

AUGUST 1, 2023 @ 10:00 AM

| | NAME (PRINT) | REPRESENTING | EMAIL |
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