

CHATHAM COUNTY PURCHASING & CONTRACTING DEPARTMENT

ADDENDUM NO. 1 TO 18-0126-4

FOR: FLEET SERVICES FACILITY


PLEASE SEE THE FOLLOWING FOR ADDITIONS, CLARIFICATIONS AND/OR CHANGES:

1. SEE ATTACHED: *SUMMARY WITH RESPONSES TO QUESTIONS (3 pages)*
2. SEE ATTACHED: *REVISED SPECIFICATION SECTION 01 23 00 Additive Alternates (3 pages)*
3. SEE ATTACHED: *REVISED SPECIFICATION SECTION 11 11 00 Automotive Service Equipment (5 pages)*

**NOTE: BID OPENING REMAINS:
2PM, THURSDAY, JANUARY 24, 2019**

THE PROPOSER IS RESPONSIBLE FOR MAKING THE NECESSARY CHANGES AND MUST ACKNOWLEDGE RECEIPT OF ADDENDUM.

1/15/19
DATE



ROBERT E. MARSHALL
SENIOR PROCUREMENT SPECIALIST
CHATHAM COUNTY

ADDENDUM No. 1

DATE: Monday, January 14, 2019
PROJECT: Fleet Services Facility (Bid No. 18-0126-4)
Chatham County Georgia
BY: COGDELL & MENDRALA ARCHITECTS, PC (Architect)
517 East Congress Street
Savannah, GA 31401

This Addendum forms a part of the Contract Documents and modifies the original Drawings and Project Manual dated October 2018 and identified as "Issued for Bid."

I. GENERAL INFORMATION:

- A. No addenda will be issued within 72 hours of bid date.
- B. Request for interpretations must be received by Thursday, January 17, 2019 by 3:00 PM.
- C. Substation requests must be received by Monday, January 14, 2019 by 3:00 PM.

II. SUBSTITUTION REQUEST:

- A. Specification Section: 08 33 23 Overhead Coiling Door
 1. Proposed Substitution: Raynor Commercial Rolling Service Doors
 2. Product: Raynor Worldwide; DuraCoil and ControlHoist 2.0; Model No. IF and CH2.0 Standard.
 3. A/E Response: Product is not accepted as an equal to specified products.
- B. Specification Section: 09 67 00 Resinous Flooring - Shop
 1. Proposed Substitution: Key Resin Company
 2. Product: Key Mortar STD @ 1/4" with #520 & #450'
 3. A/E Response: Product is accepted as an equal to specified products.
- C. Specification Section: 09 67 23 Resinous Flooring – Restroom, Janitor
 1. Proposed Substitution: Key Resin Company
 2. Product: Key Mortar Chip 100 @ 2mm'
 3. A/E Response: Product is accepted as an equal to specified products
- D. Specification Section: 10 73 26 – Manufactured Walkway Covers
 1. Proposed Substitution: Tennessee Valley Metals, Inc.
 2. Product: Tennessee Valley Metals – Extruded Aluminum Walkway Covers
 3. A/E Response: Manufacturer is accepted as an equal to specified Manufacturer.

III. RFI RESPONSES:

- A. With regards to the storefront and windows; should they be hurricane impact or non-impact? The Structural Drawings Page S0.1 says that the wind speed is 136 MPH (Impact rated) The Storefront Specs (Page 08 41 13-6,A) says Non-Impact Framing system. Also, the Door Hardware Specs (Page 08 71 00-2, 1.3, D, 1) reference Hurricane Impact tested.
- 1.A/E Response: As per sheet S0.1 C2. Wind loads: the "structure is located outside of the wind-borne debris region per ASCE 7-10."
- B. Can you provide a water flow Test to perform Hydraulic Calculations - Static Pressure, Residual Pressure, flow GPM the Fire Protection specification say's to provide a Wet Pipe System of Light Hazard Design. All areas are not Light Hazard Design? Please advise if we are to follow NFPA 13 for the design Occupancy of each area.
- 1.A/E Response: Refer to flow test information available during the design phase on F0.01 and Specification Section 21 20 10, paragraph 1.2D for further information.
- C. To follow up with the questions I presented yesterday: I would like to request clarification on what should be "Base Bid", "Alternate #2" and "Alternate #3" work. Sheet C3.0 depicts an Asphalt driveway (base bid) along with gravel/GAB areas. Then sheet C3.1 notes concrete in lieu of asphalt (as Alt #2) and still shows gravel/GAB areas. Is the base bid supposed to be asphalt and gravel areas as depicted on sheet C3.1? Is Alternate #2 supposed to be concrete in lieu of asphalt and the gravel areas still remain as drawn?
- 1.A/E Response: See revised speciation section 01 23 00 Additive Alternates included in this addendum.
- D. A question was raised in regards to the bridge crane(s) configuration; the spec calls for an under running crane, but the drawings seem to portray a top running crane. Can you confirm which is to be used?
- 1.A/E Response: All cranes in project are to be top-running type cranes. See revised speciation section 11 11 00 Automotive Service Equipment included in this addendum.

IV. PROJECT MANUAL:

A. CLARIFICATION:

1. Not Applicable.
- B. Section 01 23 00 Additive Alternates:
- a. Replace this section entirely.
- b. Note alternate numbering has been changed.
- C. Section 09 67 00 Resinous Flooring – Shop:
- a. Paragraph 2.1.B
(1) Add:
1."Key Resin Company; 'Key Mortar STD @ ¼" with #520 & #450'. Contact Gary Bath at gary@garybath.com or 770-535-9187."
- D. Section 09 67 23 Resinous Flooring – Restroom, Janitor:
- a. Paragraph 2.1.B
(1) Add:
1."Key Resin Company; 'Key Mortar Chip 100 @ 2mm'. Contact Gary Bath at gary@garybath.com or 770-535-9187."

- E. Section 10 73 26 Manufactured Walkway Covers:
 - a. Paragraph 2.1.B
 - (1) Add:
 - 2."8. Tennessee Valley Metals, Inc."

- F. Section 11 11 00 Automotive Service Equipment:
 - a. Replace this section entirely.

- V. Drawings:
 - A. Civil
 - 1. N/A
 - B. Landscaping
 - 1. N/A
 - C. Architectural
 - 2. N/A
 - D. Mechanical:
 - 1. N/A
 - E. Electrical:
 - 1. N/A

END OF ADDENDUM No. 1

SECTION 01 23 00 – ADDITIVE ALTERNATES

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes administrative and procedural requirements for alternates.

1.2 DEFINITIONS

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the bidding requirements that may be added to the base bid amount if Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.
 - 1. Alternates described in this Section are part of the Work only if enumerated in the Agreement.
 - 2. All alternates shall be additive alternates:
 - a. The cost for each alternate is the net addition to the Contract Sum to incorporate alternate into the Work. No other adjustments are made to the Contract Sum.

1.3 PROCEDURES

- A. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
 - 1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
- B. Notification: Immediately following award of the Contract, notify each party involved, in writing, of the status of each alternate. Indicate if alternates have been accepted, rejected, or deferred for later consideration. Include a complete description of negotiated revisions to alternates.
- C. Execute accepted alternates under the same conditions as other work of the Contract.
- D. Schedule: A schedule of alternates is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES

A. Alternate No. 1: Add heavy duty vehicle service bay.

1. Base Bid: Provide PEMB system and related construction elements at column lines 1 – 9. Include all Civil, Landscaping, Mechanical, Electrical, Plumbing & Fire Protection services and related construction elements as indicated in drawings.
2. Alternate: Add PEMB system and related construction elements at column lines Ø – 1. Deduct and/or extent of Civil, Mechanical, Electrical, Plumbing & Fire Protection services and construction elements as indicated in drawings.

~~B. Alternate No. 2: Add heavy duty asphalt paving in lieu of gravel.~~

- ~~1. Base Bid: Provide gravel drive and parking areas as indicated in drawings.~~
- ~~2. Alternate: Add heavy duty asphalt in lieu of gravel drive and parking areas as indicated in drawings as indicated on Civil Drawings and as specified in Section 32 12 16 "Asphalt Paving."~~

C. Alternate No. ~~2~~ 3: Add heavy duty concrete paving in lieu of **asphalt paving** gravel.

1. Base Bid: Provide **asphalt and** gravel drive and parking areas as indicated in drawings
2. Alternate: Add heavy duty concrete in lieu of **asphalt paving** gravel drive and parking areas as indicated in drawings as indicated on Civil Drawings and as specified in Section 03 00 00 "Concrete (Civil) ". **Gravel drive and parking areas to remain is indicted in drawings.**

D. Alternate No. ~~3~~ 4: Add one (1) ton crane system.

1. Base Bid: Provide PEMB system and related construction elements to include structural loading and connections for one (1) ton crane system. Provide electrical pathways for future installation of one (1) ton crane system where indicated on the drawings.
2. Alternate: Provide one (1) ton crane system where indicated on the drawings and all related accessories and infrastructure related to one (1) ton crane system. as specified in Section 11 11 00 "Automotive Service Equipment."

E. Alternate No. ~~4~~ 5: Add five (5) ton crane system.

1. Base Bid: Provide PEMB system and related construction elements to include structural loading and connections for five (5) ton crane system. Provide electrical pathways for future installation of five (5) ton crane system where indicated on the drawings.
2. Alternate: Provide five (5) ton crane system where indicated on the drawings and all related accessories and infrastructure related to five (5) ton crane system. as specified in Section 11 11 00 "Automotive Service Equipment."

- F. Alternate No. 5 6: Add automotive fluid management system.
1. Base Bid: Base bid shall include parts and labor to install water and air compressor hose reels and associated piping in locations indicated on P2.01. Motor oil, hydraulic fluid and chassis grease will be manually dispensed from original containers. Provide a 500 gallon tank for used oil storage as indicated on Sheet P2.01 and as specified in Section 22 51 00 "Automotive Maintenance Equipment."
 2. Alternate: Provide parts and labor to install a fluid distribution system for 5W20 motor oil, 5W30 motor oil, 15W40 motor oil, hydraulic fluid and chassis grease. System consists of hose reels, hoses, end dispensing fittings, piping, storage tanks, pumps and associated brackets and hangers. Pumps are air operated but require electrical grounding per manufacturer's written installation guidelines. Provide #6G from pump(s) to building steel. as indicated on Sheet P2.01 and as specified in Section 22 51 00 "Automotive Maintenance Equipment."
- G. Alternate No. 6 7: Add generator and related construction in lieu of mobile generator connection.
1. Base Bid: Base bid shall include parts and labor to install a 225A Automatic Transfer Switch, a 100A Automatic Transfer Switch and a portable generator connection in the Generator yard. as indicated on Sheet E0.02
 2. Alternate: Provide parts and labor to install a 150kW Natural Gas generator in the generator yard. as indicated on Sheet E0.02 and as specified in Section 26 60 11 "Emergency Power System."
- H. Alternate No. 7 8: Add Vehicle Wash Building including all related systems and infrastructure.
1. Base Bid: Provide site work and utilities indicated in the construction documents.
 2. Alternate: Provide PEMB system and related construction elements to include site work, utilities, structural steel systems, facades systems and equipment as indicated in Construction Documents and as specified in Section 11 11 11 "Vehicle Wash Equipment."
- I. Alternate No. 8 9: crane rails for 5 ton crane between column lines Ø – 1.
1. Base Bid: Do not provide crane rails between column lines Ø – 1.
 2. Alternate: Provide crane rails for 5 ton crane between column lines Ø – 1.

END OF SECTION 01 23 00

SECTION 11 11 00 - AUTOMOTIVE SERVICE EQUIPMENT

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:

1. 1-Ton ~~Under-Running~~ **Top-Running** Bridge Crane.
2. 5-Ton ~~Under-Running~~ **Top-Running** Bridge Crane.
3. Tire Carousel.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product indicated. Include rated capacities, operating characteristics, dimensions, furnished accessories, and finishes for each system..
- B. Shop Drawings: Include plans, elevations, sections, details, and attachments to other work.

1.4 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For qualified Installer and manufacturer.
- B. Product Certificates: For each type from manufacturer.
- C. Field quality-control reports.
- D. Warranties: Sample of special warranties.

1.5 CLOSEOUT SUBMITTALS

- A. Operation and Maintenance Data: For each piece of equipment to include in operation and maintenance manuals.

1.6 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Maintains, within 200 miles of Project site, a service center capable of providing training, parts, and emergency maintenance repairs.

- B. Installer Qualifications: An employer of workers trained and approved by manufacturer for installation and maintenance of units required for this Project.
- C. Source Limitations: Obtain each type of equipment system from single manufacturer.
- D. Accessibility: Where equipment is indicated to comply with accessibility requirements, comply with the U.S. Architectural & Transportation Barriers Compliance Board's ADA-ABA Accessibility Guidelines.
- E. Preinstallation Conferences: Conduct conference at Project site.

1.7 WARRANTY

- A. Special Warranties: Manufacturer's standard form in which manufacturer agrees to repair or replace components that fail in materials or workmanship within specified warranty period:
 - 1. Warranty Period: Five years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 1-TON ~~FREE-STANDING~~ **Top-Running** BRIDGE CRANE

- A. Basis-of-Design Products: Subject to compliance with requirements, provide product indicated or comparable product:
- B. Light-Vehicle Bay Work Station **Top-Running** Bridge Crane: (Column lines 3 through 6)
 - 1. Basis-of-Design Product: Subject to compliance with requirements, provide Demag.; or a comparable product by one of the following:
 - C.a. Gorbel.
 - a.b. Cleveland Tramrail
 - c. R&M Materials Handling Inc.
 - 2. Bridges:
 - a. Capacity: 1 ton.
 - b. Bridge Length: 38 feet 6 inches (coordinate actual size with Metal Building System)
 - c. Bridge Type: Rolled Steel single-girder suspension
 - d. Number of motorized Hoist Trolleys: 1.
 - 3. Runways:
 - a. Runway Length: 68 feet
 - b. Runway Material: Steel
 - c. The runway will consist of track runway beams, splice plates, end stops and required hardware.
 - d. Direct bolt to Metal Building System.
 - e. Runway Support: as indicated on drawings.
 - 4. Control:
 - a. Pendant type from independent track on bridge

D.C. Electric Chain Hoist

1. Basis-of Design Product: Demag DC-PRO 10-1000 1/1 H8 VS6-11 480/60
2. Available Lift: 26 feet.
3. Lifting Speed: 24/6 FPM, 2-speed.
4. Motor Insulation: Class F.
5. Reeving: 1/1.
6. Provide standard upper limit switch.
7. Provide standard lower limit switch.
8. Brake Torque Rating: 125%.
9. Main Brake Type: DC disc.
10. Controls: Push-button pendant.
11. Suspension: Lug mount.
12. Power Requirements: 460/3/60.

2.2 5-TON UNDER-RUNNING **Top-Running** BRIDGE CRANE

A. Basis-of-Design Products: Subject to compliance with requirements, provide product indicated or comparable product:

B. Heavy-Vehicle Bay Single-Girder Under-Running **Top-Running** Crane: (Column lines 1 through 6) (Column lines Ø through 1 part of Additive Alternate No. 1)

1. Basis-of-Design Product: Subject to compliance with requirements, provide Demag.; or a comparable product by one of the following:

c.a. Gorbel.

a.b. Cleveland Tramrail

c. R&M Materials Handling Inc.

2. Bridges:

a. Capacity: 5 ton.

b. Bridge Length: 38 feet 6 inches (coordinate actual size with Metal Building System)

c. Bridge Type: Rolled Steel single-girder suspension

d. Number of motorized Hoist Trolleys: 1.

3. Runways:

a. Runway Length:

1) Column lines 1 through 6: 50 feet 4 inches

2) Column lines Ø through 1: 25 feet 4 inches

b. Runway Material: Steel

c. The runway will consist of track runway beams, splice plates, end stops and required hardware.

d. Direct bolt to Metal Building System.

e. Runway Support: as indicated on drawings.

4. Control:

a. Pendant type from independent track on bridge

D.C. Electric Chain Hoist

1. Basis-of Design Product: Demag DC-PRO 25-10000 4/1 -10 Z-6-1
2. Available Lift: 32 feet.
3. Required Lift: 26 feet.
4. Lifting Speed: 16/4 FPM, 2-speed.
5. CCMA Class: Class C.
6. Reeving: 4/1.

7. Trolley Speed: 100 FPM VFC
8. Bridge Speed: 100 FPM VFC
9. Controls: Push-button pendant.
10. Power Requirements: 460/3/60.

2.3 TIRE CAROUSEL

- A. Basis-of-Design Product: Subject to compliance with requirements, provide product indicated by Stanley Vidmar, Inc.; provide Basis-of-Design or submit 10 days prior to the Bid Date, products that may be considered for substitution for the Basis-of-Design Product as judged solely by the Design Professional.
- B. Basis-of-Design: Stanley Vidmar Tire Carousel T45156-0744-SV12.
 1. Dimensions: 14'-9"W x 7'-9"D x 14'-2"H.
 2. Capacity: 119 tires.
 3. Wire-mesh front guard.
 4. Forward and reverse controls.
- C. Warranty: Manufacturer's Warranty covering all parts and workmanship against defects for a period of one year from date of Substantial Completion.

2.4 GENERAL FINISH REQUIREMENTS

- A. Protect mechanical finishes on exposed surfaces from damage.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates and conditions, with Installer present, for compliance with requirements for installation tolerances, power connections, and other conditions affecting installation and performance.
- B. Examine roughing-in for piping systems to verify actual locations of piping connections before installation.
- C. Examine walls, ceilings, and roofs for suitable conditions where system components will be installed.
- D. Prepare written report, endorsed by Installer, listing conditions detrimental to performance of the Work.
- E. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION, GENERAL

- A. General: Comply with manufacturer's written instructions.
- B. Built-in Equipment: Securely anchor units. Verify that clearances are adequate for proper functioning and that rough openings are completely concealed.
- C. Freestanding Equipment: Place units in final locations after finishes have been completed in each area. Verify that clearances are adequate to properly operate equipment.
- D. Utilities: Comply with plumbing and electrical requirements.

3.3 FIELD QUALITY CONTROL

- A. Perform tests and inspections.
 - 1. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect components, assemblies, and equipment installations, including connections, and to assist in testing.
- B. Tests and Inspections:
 - 1. Perform visual, mechanical, and electrical inspection and testing for each system according to manufacturers' written recommendations. Certify compliance with each manufacturer's appliance-performance parameters.
 - 2. Operational Test: After installation, start units to confirm proper operation.
 - 3. Test and adjust controls and safeties. Replace damaged and malfunctioning controls and components.
- C. A system will be considered defective if it does not pass tests and inspections.
- D. Prepare test and inspection reports.

3.4 DEMONSTRATION

- A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain systems.

END OF SECTION 11 11 00