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KRAUS-ANDERSON CONSTRUCTION COMPANY

ADDENDUM NO. 4

March 2, 2011

Duluth International Airport
New Passenger Terminal
4701 Grinden Drive
Duluth, MN 55811
Bid Package 2A

The following are clarifications and/or changes to the Plans and Specifications, dated February 3, 2011, to be Bid on March 8, 2011, for the above named Project. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

1. Section 01014 Work Scope Descriptions

A. Work Scope Index

1. Under 8.20A Doors, Frames and Hardware (Materials Only), Remarks: Delete No lite kits included; in future BP-2B, and replace with: Lite kits are required, but glazing will be in a future Bid Package.
2. Delete Work Scope 13.21A Computer Controlled Access in its entirety. To be bid in a future Bid Package.
3. Under 16.20A Electrical Systems (Full), Spec # Add: 13700A 49 CFR Part 1542 Computer Controlled Access System (CCAS) and CCTV System. Under Remarks: Add Rough-in only.
4. Under 16.20A Electrical Systems (Full), Spec # Add: 13742A Multi-User Flight Information Display System (MUFIDS). Under Remarks: Add Rough-in only.

B. Work Scope 8.20A – Doors, Frames and Hardware (Materials Only)

1. Under 1.02 B. Scope: Including but not limited to: Add the following: Lite kits are required, but glazing will be in a future Bid Package.
2. Under 1.02 B. Scope: Excluding: Delete lite kits.
3. Under 1.07 Alternates: Clarification regarding Alternate No. 15: Locks that would be supplied by the Future Computer Controlled Access System contractor are a battery powered stand alone lock system.

C. Work Scope 13.21A Computer Controlled Access

1. Delete this Work Scope in its entirety. The computer controlled access system will be included and bid in a future Bid Package.

2. **General Information**

A. See attached Attachment A Work Scope Clarifications (1 page).

B. Add Reynolds, Smith & Hill's, Inc. Addendum No. 4 dated March 2, 2011, in its entirety.

END OF ADDENDUM NO. 4

WORK SCOPE CLARIFICATIONS

WORK SCOPE 4.20A

1. CMU walls shall extend to 4" above the ceiling height unless there is no adjacent ceiling – in which the walls will be required to extend to the metal decking above unless noted otherwise.

WORK SCOPE 6.20A

1. 1/8" metal strapping for backing is part of Work Scope 9.20A.

WORK SCOPE 9.20A

1. Sheet A802: CLG-4 should be moisture and mold resistant type-X.
2. Ceiling in Room 245 should be gypsum board.
3. Sheet LS111: Rooms 135, 134, 183 and 184 are shown as 1-hour as these are tenant separations and only occur between different tenants. The fire rating is only required to extend to the underside of the ceiling.
4. Section 09250: Tile backer in the toilet rooms is cementitious backer board.
5. Regarding Stair shaft wall construction and finishing. Note: where a finished wall will be required at these shafts, the walls must be finished complete as required. Some wall types may not identify this – but include the work as necessary such as an additional layer of 5/8" gypsum board.
6. Disregard note of "Plaster" on 1/A401 and in Vending 216 on plan sheet A212. The wall on 1/A401 shall be 1/2" gypsum board. Vending 216 is a Gypsum board ceiling.
7. Disregard note of "Textured" on detail 11 and 12/A631.
8. 1/8" metal strapping for backing is part of this Work Scope.

WORK SCOPE 15.20A

1. Section 15950, Part 1, 1.1 B. 1. Technical Proposals: Delete "...shall be submitted with the bid." Add: "...be provided by the apparent low bidder within ten (10) working days of bid opening date."

Date: March 2, 2011

RE: City of Duluth Bid #10-4401
(New Passenger Terminal Bid Package 2A)

Addendum No. 4

TO: Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated February 3, 2011. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

1.0 PROJECT MANUAL

1.3 Technical Specifications:

Section 13700 – Part 1542 Computer Controlled Access System:

- Replace Section in its entirety with Section 13700A attached to this Addendum.

Section 13742 – Part 1542 Computer Controlled Access System:

- Replace Section in its entirety with Section 13742A attached to this Addendum.

2.0 DRAWINGS

Revise drawings listed below as described

2.3 Volume 3 of 3 – Mechanical, Electrical, Plumbing & Fire Protection

Sheet E401: Lighting Fixture Schedule –

- Add Note #8 Provide ceiling mounted daylight sensors with power pack to control fixtures identified on drawings EL112 & EL113.
- Add "Refer to Note 8" in remarks for fixture types F2, F2A, & F2B.

Sheet EL112: Enlarged Second Floor Lighting Plan Area A –

Add Note #4:"Daylight Harvesting Sensor to control
F2B fixtures from Col. 1 to 3.3 on Col. Line D and
F2 from Col. 4 to 7 on Col. Line D.3

Sheet EL113: Enlarged Second Floor Lighting Plan Area B –

Add Note #4:"Daylight Harvesting Sensor to control
F2B fixtures from Col. 10 to 11.7 on Col. Line D and
F2A from Col. 7 to 9 on Col. Line D.3

END OF ADDENDUM NO. 4

**NEW PASSENGER TERMINAL
DULUTH INTERNATIONAL AIRPORT
DULUTH, MINNESOTA**

**SECTION 13700A 49 CFR
PART 1542 COMPUTER
CONTROLLED ACCESS SYSTEM
(CCAS) AND CCTV SYSTEM**

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this section.
- B. Division 16 for electrical work.

1.2 SUMMARY

- A. This section of the specification indicates the scope of the work for Terminal Building Contract. The CCAS components and wiring will be provided under a separate contract to be bid later and installed prior to substantial completion.
- B. The CCAS raceway system shall include, but not be limited to, the following.
 - 1. Complete raceway system including conduit, cable tray, etc. as indicated on the drawings for access controls and CCTV System.
 - 2. Provide all electrical power outlets as indicated on the drawings.
 - 3. Installation of the raceway system shall be closely coordinated with the Contractor performing work under Section 13700 - 49 CFR PART 1542 COMPUTER CONTROLLED ACCESS SYSTEM. The Contractor for Terminal Building Contract shall provide any miscellaneous power and raceway system work required to complete the raceway system to facilitate installation of the CCAS.
- C. The CCAS components will be provided under a separate contract.

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION (Not Applicable)

END OF SECTION 13700A

**NEW PASSENGER TERMINAL
DULUTH INTERNATIONAL AIRPORT
DULUTH, MINNESOTA**

**SECTION 13742A
MULTI-USER FLIGHT INFORMATION
DISPLAY SYSTEM (MUFIDS)**

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this section.
- B. Division 16 for electrical work.

1.2 SUMMARY

- A. This section of the specification indicates the scope of the work for Terminal Building Contract.
- B. The MUFIDS raceway system shall include, but not be limited to, the following.
 - 1. Complete raceway system including conduit, cable tray, etc. as indicated on the drawings.
 - 2. Provide all electrical power outlets as indicated on the drawings.
 - 3. Installation of the raceway system shall be closely coordinated with the Contractor performing work under Section 13742 - MULTI-USER FLIGHT INFORMATION DISPLAY SYSTEM (MUFIDS). The Contractor for Terminal Building Contract shall provide any miscellaneous power and raceway system work required to complete the raceway system to facilitate installation of the MUFIDS.
- C. The MUFIDS components will be provided under a separate contract.

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION (Not Applicable)

END OF SECTION 13742A