

CHANGE ORDER REQUEST NO. 3

RS&H PROJECT No. 213-1882-091
Mn/DOT S.P. No.:
FAA AIP No: 3-27-0024-48-10
PROJECT DESCRIPTION New Passenger Terminal Bid Package 1
WORK SCOPE 2.10 CIVIL & SITE ELECTRICAL

CONTRACTOR: NORTHLAND CONSTRUCTORS OF DULUTH LLC
4843 RICE LAKE ROAD
DULUTH, MN 55803

PREPARER: KRAUS-ANDERSON CONSTRUCTION COMPANY
3716 ONEOTA STREET
DULUTH, MN 55807

ADJUSTMENTS:

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>PRICE</u>	<u>QUANTITY</u>	<u>AMOUNT</u>
CO#3	Extension of all ducts banks				\$109,480.35
TOTAL					\$109,480.35

These Changes Result in the Following Adjustment of the Contract Price:

Original Contract Price	\$2,995,365.05
Contract Price From Previous Change Orders	\$10,411.53
Not-To-Exceed Price Increase Resulting from this Change Order	<u>\$109,480.35</u>
Current Contract Price Including this Change Order	\$3,115,256.93

Justification for Change Order No. 3

Change Order No. 3 consists of KACC RFP No. 020 Revision 002. The cost is a Not-To-Exceed cost based on actual quantities as measured in the field. In order to complete the Permit Lot work, the building high voltage electric and communication duct banks and transformer pads needed to be completed prior to the next Bid Package being let. This will save the project money by allowing temporary power to be placed in the conduit avoiding additional temporary installations. The work consists of 515 feet of 4-4" PVC schedule 80, 312 feet of 14-4", 4'-2", 1-3" schedule 80 concrete encased duct bank, and furnish and install 88" x 156" x 10" C transition and transformer pad.

The above described changes are approved and accepted:

Dated: _____

REYNOLDS, SMITH AND HILLS, INC.

Dated: _____

KRAUS-ANDERSON CONSTRUCTION COMPANY

Dated: _____

NORTHLAND CONSTRUCTORS OF DULUTH LLC.

Dated: _____

DULUTH AIRPORT AUTHORITY



October 21, 2010

Mr. Brett Cahoon
Kraus Anderson Construction
3716 Oneota Street
Duluth, MN 55807

RE: New Airport Terminal Bldg
Work Scope 16.10 RFP 20R2

Good Afternoon Brett;

The following is pricing for the above RFP.

Furnish and Install 515 feet of 4-4" PVC schedule 80 and 312 feet 14-4", 4-2", 1-3" schedule 80 concrete encased duct bank.

6440' - 4" Schedule 80 PVC Conduit	\$14,472.61	≈ \$2.25/LF
1248' - 2" Schedule 80 PVC Conduit	\$ 953.72	≈ .76/LF.
312' - 3" Schedule 80 PVC Conduit	\$ 461.17	≈
800 - Conduit Chairs	\$ 1,512.56	≈ \$1.89 each
24 Quarts - PVC Glue	\$ 268.00	✓
24 Rolls - Tire Wire	\$ 192.00	✓
Lot - Rebar #4	\$ 4,943.26	≈
Lot - Wood Forms	\$ 500.00	✓
Lot - Snap Ties	\$ 450.00	✓
120 Yards - 4000 PSI Concrete	\$ 11,520.00	≈ \$96/cy
2 Weeks Equipment Rental	\$ 3,600.00	
3 Days Trucking	\$ 2,400.00	
60 Yards Granular Fill	\$ 1,200.00	
Surveying	\$ 1,000.00	
Sub Total	\$43,473.32	
Tax 7.875%	\$ 3,423.52	
Total	\$46,896.84	

LABOR

511 hrs @ \$72/hr	\$36,792.00
Total	\$ 83,688.84
10% Overhead	\$ 8,368.00
5% Profit	\$ 4,602.89
Total	\$ 96,661.00

Construction, Design, Maintenance, Engineering • Fiber Optic, Data, Voice, Security, Fire Alarm

4330 West First Street, Suite B • Duluth, MN 55807 • Work: 218.628.3323 • Fax: 218.624.7485

1711 East 13th Street, Suite 102 • Hibbing, MN 55746 • Work: 218.263.3658 • Fax: 218.263.9432

7331 Baker Street Northeast, Suite A • Minneapolis, MN 55432 • Work: 763.780.8658 • Fax: 763.786.5864 • www.apilectric.com

Equal Opportunity Employer/Contractor

Kraus Anderson Construction
Work Scope 16.10 RFP 20R2
October 21, 2010

Furnish and Install 88" x 156" x 10" D transition and transformer pad.

Lot Forming Material	\$ 500.00
Lot Rebar	\$ 460.00
Conduit & RSC Sweeps	\$2,575.62
3 Yards 4000 PSI Concrete	\$ 433.00
Sub Total	\$3,968.62
Tax 7.875%	\$ 312.53
Total	\$4,281.15

LABOR

32 hrs @ \$72/hr	\$2,304.00
Total	\$6,585.15
10% Overhead	\$ 658.52
5% Profit	\$ 362.18
Total	\$7,606.00

Please contact me with any questions you may have at (218) 624-6504 or 310-2543.

Sincerely,

API ELECTRIC COMPANY



Jeffrey D. Tyllia
Executive Vice President

JT/dc

Kraus-Anderson® Construction Company

3716 Oneota Street
Duluth, MN 55807
Tel: 218-722-3775
Fax: 218-722-3778

REQUEST FOR PROPOSAL**PCO No. 020 Revision 002**

Page 1 of 2

DATE: 10/21/2010

PROJECT: New Passenger Terminal Bid Package 1
4701 Grinden Drive
Duluth, MN 55811

PROJECT NO.: 20225

TO: Nathan Fox, Northland Constructors of Duluth

CC: Brett Cahoon, Kraus-Anderson® Construction Company
Steve Bergerson, Kraus-Anderson® Construction Company
Brian Grefe, Duluth Airport Authority
Brian O'Connor, Reynolds, Smith, and Hills, Inc.

ATTACHMENTS: RS&H RFP 20R3 Revised Site Electrical & Comm. Plan sheet (11x17) dated 10-20-2010

REQUESTED BY: Architect/Engineer

Please provide a cost breakdown in accordance with the Contract Documents and a Summary for the change described herein and on the attachments (if any) listed.

This is not an authorization to proceed with the work described herein unless and until approved by the Owner. On approval, this change will be included in a Change Order, which will provide the formal Contract Change.

DESCRIPTION OF PROPOSAL:

Please provide additional pricing to extend all duct banks from extents withing contract on Sheet ET010 to locations indentified. Coordinates provided of changes in location for your layout.

Provide a price break down into units of labor, material, equipment, overhead and profit.

Provide the communications duct (concrete encased 4-4" and 4-2" and direct buried 1-4") and electrical duct (concrete encased 14-4", 1-3" and 4-2" and direct buried 1-4") in the alignment shown in the RFP Sketch. The contractor is to itemize the deduct in the amount for the scope that was originally included.

Airport to provide (2) 4" conduits (preferred) from vault (Quazite box) outside of Terminal Building to location beyond paved surfaces.

Qwest to provide vault to be placed at end of pipes (to be placed by others).

Qwest will place copper and fiber cable from Haines Road to new vault.

Qwest will place copper and fiber cable through conduits to new Terminal Room.

☐ This Proposal is a "No Change" item for _____

Type/Print Contractor's Name

ALL RESPONSES ARE REQUIRED WITHIN FIVE (5) DAYS.

Kraus-Anderson® Construction Company

3716 Oneota Street
Duluth, MN 55807
Tel: 218-722-3775
Fax: 218-722-3778

REQUEST FOR PROPOSAL**PCO No. 020 Revision 002**

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4701 Grinden Drive
Duluth, MN 55811

PROJECT NO.: 20225

TO: Jeff Tyllia, APi Electric

CC: Brett Cahoon, Kraus-Anderson® Construction Company
Steve Bergerson, Kraus-Anderson® Construction Company
Brian Grefe, Duluth Airport Authority
John Hippchen, Reynolds, Smith, and Hills, Inc.
Ryan Erdmann, Reynolds, Smith, and Hills, Inc.
Leslie Carlson, Reynolds, Smith, and Hills, Inc.
Thomas Chambers, Reynolds, Smith, and Hills, Inc.
Mark Ip, Reynolds, Smith, and Hills, Inc.

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