



ADDENDUM TO THE CONTRACT

for the

JNU Snow Removal Equipment Building Contract No. BE16-254

ADDENDUM NO.: ONE

CURRENT DEADLINE FOR BIDS:
July 26, 2016

PREVIOUS ADDENDA: NONE

ISSUED BY: City and Borough of Juneau
ENGINEERING DEPARTMENT
155 South Seward Street
Juneau, Alaska 99801

DATE ADDENDUM ISSUED: July 20, 2016

The following items of the contract are modified as herein indicated. All other items remain the same. This addendum has been issued and is posted online. Please refer to the CBJ Engineering Contracts Division webpage at: <http://www.juneau.org/engineering ftp/contracts/Contracts.php>

CLARIFICATIONS:

JNU Runway Safety Area Improvements, Phase 2B Geothermal Loop Field Sheets are posted to the website for reference.

The Builders Risk policy required for this project shall be an "all risks" policy with *no* exclusions. Earthquake and flood are not allowable exclusions.

"Buy American" applies to this project.

Asphalt depth at Helicopter Landing area for demolition is confirmed at 2".

Deadline for questions shall be 4:30 pm, July 21, 2016.

PROJECT MANUAL, VOLUME I:

Item No. 1 SECTION 00 0300 – NOTICE INVITING BIDS, DBE GOAL, AND SECTION 005420 – DBE GOALS, Summary of Goals. **Change** goal percentage **from** 5.56% **to** 5.46%.

Item No. 2 SECTION 00 4115 – BID MODIFICATIONS. **Delete** in its entirety, and **replace** with the attached SECTION 00 4115 – BID MODIFICATIONS, labeled Addendum No. 1.

Item No. 3 SECTION 01 5000 – TEMPORARY FACILITIES & CONTROLS, PART 2 – PRODUCTS, Article 2.1 – TEMPORARY FACILITIES. Add the following Paragraph C.

"C. Temporary Facilities shall be removed from the designated Staging Area (illustrated on drawing sheet C2-00) by October 1, 2017."

Item No. 4 SECTION 05 1200 - STRUCTURAL STEEL FRAMING, PART 1 – GENERAL, Article 1.2 – SUMMARY, Paragraph A. - Section Includes. **Add** the following Subparagraph 3.

“3. Structural thermal breaks.”

Item No. 5 SECTION 05 1200 - STRUCTURAL STEEL FRAMING, PART 1 – GENERAL, Article 1.6 - ACTION SUBMITTALS, Paragraph B. - Shop Drawings. **Add** the following Subparagraph 8.

“8. Indicate locations and dimensions of structural thermal break materials.”

Item No. 6 SECTION 05 1200 - STRUCTURAL STEEL FRAMING, PART 2 – PRODUCTS. Prior to Paragraph A, **add** the following Article and title.

“2.1 MATERIALS.”

Item No. 7 SECTION 05 1200 - STRUCTURAL STEEL FRAMING, PART 2 – PRODUCTS, Article 2.1 – MATERIALS. **Add** the following Paragraph F.

“F. Thermal Break Material: Armatherm FRR or approved equivalent.

1. Close woven fabric reinforcement impregnated with thermosetting phenolic resin.
2. Certified for resistance to creep over 1000 hours at 3000psi.
3. Tensile Strength: ASTM D638 9,400psi.
4. Compressive Strength: ASTM D790 38,000psi.
5. Compressive Modulus: ASTM D695 1,450,300psi.
6. Shear Strength: ASTM D732 13,500psi.
7. Coefficient of Thermal Expansion: ASTM D696 2.2
8. Thermal Conductivity ASTM C177 0.28 W/m°K”

Item No. 8 SECTION 05 1200 - STRUCTURAL STEEL FRAMING, PART 3 – EXECUTION, Article 3.4 - FIELD CONNECTIONS. **Add** the following Paragraph C.

“C. Structural Thermal Break Connections:

1. Examine faces which will make contact with the thermal break material. Faces should be smooth, flat and parallel.
2. Concrete faces must be free from ridges or high spots.
3. Coordinate with responsible entity to correct unsatisfactory conditions.
4. Commencement of work by installer is acceptance of substrate conditions.
5. Surface Preparation: Follow manufacturer’s instructions designated below for the appropriate type of connection. ie Steel to Steel, Steel to Concrete.
6. Install structural thermal break material in accordance with manufacturer’s installation instructions.”

- Item No. 9 SECTION 07 2500 – WEATHER BARRIERS, PART 2 – PRODUCTS, Article 2.3. – VAPOR RETARDER MATERIALS (AIR BARRIER AND WATER-RESISTIVE), Paragraph D. **Delete** "used at inside face of all exterior walls and soffits on warm side of wall" and **replace** with "used at the warm side seismic and wall control joints as indicated on the drawings."
- Item No. 10 SECTION 08 6223 - TUBULAR SKYLIGHTS, PART 2 – PRODUCTES, Article 2.2 – TUBULAR SKYLIGHTS, Paragraph B. – Basis of Design, Subparagraph 1. **Delete** in its entirety and **renumber** Paragraphs B.2 through B.7 to be B.1 through B.6.
- Item No. 11 SECTION 08 7100 - DOOR HARDWARE, HARDWARE SCHEDULE. **Revise** Hardware Set K-2 label to be bold text and not indented.

PROJECT MANUAL, VOLUME II:

- Item No. 12 SECTION 32 1723 - PAVEMENT MARKINGS – **Delete** entire Section.
- Item No. 13 SECTION 32 3113 - CHAIN LINK FENCE – **Delete** entire Section.

DRAWINGS, VOLUME III:

- Item No. 14 Sheet A1-00 – ABBREVIATIONS & SUMBOLS, SYMBOLS legend. **Add** new symbol, a rectangle with "PCR" inside the rectangle. Identify the new symbol as, "CARD READER – SEE ELECTRICAL DRAWINGS"
- Item No. 15 Sheet A2-10 – OVERALL FLOOR PLAN AND GENERAL NOTES, GENERAL NOTES. **Add** the following NOTE 12.
- "12. ALL METAL STUDS AT INTERIOR PARTITIONS ARE TO BE 8" U.N.O."
- Item No. 16 Sheets A6-10, A6-11, A6-12 and A6-13 – WALL SECTIONS, wall type tags. **Revise** the order of the layers for "GLASS-MAT SHEATHING" and "SELF ADHERING VAPOR RETARDER". The assembly **should read** from top (exterior) "SELF ADHERING VAPOR RETARDER", and then "GLASS-MAT SHEATHING".
- Item No. 17 Sheet A6-12 – WALL SECTIONS, Wall Section 4 – WALL SECTION AT GENERATOR/ELECTRICAL VAULT 100E. **Replace** reference to "MAGNESIOM OXIDE BOARD" **with** "GLASS-MAT SHEATHING"

Item No. 18 Sheet A6-13 – WALL SECTIONS, Wall Section 1 – WALL SECTION @ GRID 9. **Add** the missing text to the wall type designation. The tag should have the following layers:

TYPICAL EXTERIOR WALL ASSEMBLY (EXT. TO INT.)
METAL PANEL 1 WALL SYSTEM
7/8" AIR SPACE
AIR BARRIER
5" SEMI-RIGID ROCKWOOL INSULATION W/ FIBERGLASS Z-FURRING
SELF-ADHERING VAPOR RETARDER
GLASS-MAT SHEATHING
METAL FRAMING PER STRUCTURAL

Item No. 19 Sheet A9-10 – REFLECTED CEILING PLAN, Floor Plan 1 – OVERALL REFLECTED CEILING PLAN. **Add** gypsum board ceiling hatch to the Generator / Electrical Vault 100E.

Item No. 20 Sheet A9-10 – REFLECTED CEILING PLAN, Floor Plan 1 - Overall Reflected Ceiling Plan. **Revise** the ceiling in Toilet 131A to gypsum board hatch.

Item No. 21 Sheets - Q1-10 – OVERALL EQUIPMENT LAYOUT PLAN, Q1-12 – EQUIPMENT LAYOUT PLAN – AREA B, Q2-10 – OVERALL SERVICE EQUIPMENT LAYOUT PLAN, and Q2-12 – SERVICE EQUIPMENT LAYOUT PLAN – AREA B. **Add** the following general note to these sheets.

"GENERAL NOTES

1. THE BUILDING BACKGROUND INCLUDES ALL PHASES OF CONSTRUCTION. SEE ARCHITECTURAL PLANS FOR THE SCOPE OF THE BUILDING DURING THIS PHASE OF CONSTRUCTION."

Item No. 22 Sheets S2-11 – FOUNDATION PLAN – EAST AREA and S2-12 - FOUNDATION PLAN – WEST AREA. **Add** SHEET NOTE 5.

"5. Concrete hatched areas at the following locations on sheets S2-11 and S2-12, indicate concrete grade beams (GB1) per schedule on sheet S1-21.

Gridline C.1 between grids 7 and 7.8

Gridline 9.1 between grids C and D

Gridline 9 plan north of grid G

Gridline C.1 between grids 2 and 3

Gridline 1 between grids C.1 and D

Gridline 1 between grids G and H"

Item No. 23 M0-01 – SYMBOLS & SCHEDULES, PUMP SCHEDULE, PUMP NUMBERS – P-1A & P-1B. **Change** Design Manufacturer and Model to "Grundfos CR64-1".

- Item No. 24 M0-01 – SYMBOLS & SCHEDULES, PUMP SCHEDULE, PUMP NUMBERS - P-5A & P-5B. **Change** Design Manufacturer and Model to “Grundfos CR64-1”.
- Item No. 25 M0-02 – SCHEDULES, PLUMBING FIXTURE SCHEDULE, EQUIPMENT - TD-1, DESCRIPTION - TRENCH DRAIN, MANUFACTURE AND MODEL. **Change** Manufacturer Model Number to ZURN Z-882. FEATURES. **Delete** “12-INCH WIDE, 12-INCH DEEP. **Add** “OUTSIDE DIMENSIONS 12-inch WIDE, NOMINAL 12 INCHES DEEP”. **Delete** “COATED STEEL FRAME”.
- Item No. 26 M0-02 – SCHEDULES, EQUIPMENT SCHEDULE, EQUIPMENT - AS-3, DESIGN MANUFACTURER - AIR/DIRT SEPARATOR. **Add** Model Number “SPIROTHERM VJR200”. FEATURES. **Add** “AIR ELIMINATION ONLY”.
- Item No. 27 M0-02 – SCHEDULES, GRD EQUIPMENT SCHEDULE, NAME - SG-1/RG-1, MANUFACTURER MODEL. **Delete** “US-DL” and **Add** “TITUS DL”.
- Item No. 28 Sheet E1.0 – SITE PLAN, Detail 1 – SITE PLAN. **Add** the following Note 1.
- “1. UTILITY SERVICE TO BUILDING WILL BE PROVIDED BY THE RESPECTIVE UTILITIES IN ACCORDANCE WITH AGREEMENTS BETWEEN THEM AND CBJ. COORDINATE INSTALLATION WITH THE UTILITIES AS REQUIRED.”
- Item No. 29 Sheet E3.1 – SECTIONS 2 & 3 – LIGHTING, Detail 2 – SECTION 3 – LIGHTING. **Add** exit sign above door on south wall, and circuit from adjacent lighting circuits. See architectural.
- Item No. 30 Sheet E4.1 – SECTIONS 2 & 3 – LOW VOLTAGE, Detail 1 – SECTION 2 – LOW VOLTAGE. **Relocate** access control station and access card reader from door on east wall to pump room door in southeast corner.
- Item No. 31 Sheet E4.1 – SECTIONS 2 & 3 – LOW VOLTAGE, Detail 1 – SECTION 2 – LOW VOLTAGE and Detail 2 – SECTION 3 – LOW VOLTAGE. **Relocate** manual pull station from east wall of Heated Equipment Storage 101S to door on south wall of Maintenance Bay 110M. See architectural.
- Item No. 32 Sheet E4.1 – SECTIONS 2 & 3 – LOW VOLTAGE, Detail 2 – SECTION 3 – LOW VOLTAGE. **Add** access control station and access card reader to door on south wall. See architectural.

By: 
Greg Smith,
Contract Administrator

Total number of pages contained within this Addendum: 6

