



ADDENDUM TO THE CONTRACT

for the

**Household Hazardous Waste Facility
Contract No. BE20-024**

ADDENDUM NO.: ONE

**CURRENT DEADLINE FOR BIDS:
January 28, 2020**

PREVIOUS ADDENDA: NONE

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

DATE ADDENDUM ISSUED: January 10, 2020

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>

CLARIFICATION:

Question: "Sheet E201 shows a hazardous location *only* in the paint room, below 18" AFF. Please confirm this is correct."

Response: Sheet E201 – FLOOR PLAN – POWER and Sheet E301 – FLOOR PLAN - LIGHTING. As indicated other than below 18" AFF the paint room is unclassified.

Question: "In relation to above, confirm that type "B" fixtures and DA-2 need to be explosion proof, given they are outside of the hazardous boundary."

Response: Sheet E202 – SINGLE LINE DIAGRAM, MECHANICAL EQUIPMENT SCHEDULE. As indicated DA-2 is mounted within classified area, and therefore shall be Class 1 Division 2 rated with an explosion proof housing. Type B luminaire shall not be required to be rated for a Class 1, Division 2 area, See Drawings, Item No. 1 below for design update.

Question: "If the entire paint room is to be a hazardous location, please confirm that EF-2, Unit Heater, wall mount Occ Sensor, and GFCI *do not* need to explosion proof."

Response: Sheet E201 – FLOOR PLAN – POWER. As indicated EF-2, UH, Occupancy Sensor, and GFCI duplex receptacle shall not be required to be Class 1 Division 2 rated. GFCI shall be mounted above the Class 1, Division 2 area as indicated in Drawings, Item No. 2 below.

Question: "Please confirm that DA-1 needs explosion proof housing. Hazardous location is not indicated for that area."

Response: DA-1 shall not be required to be rated for a Class 1, Division 2 area. See Drawings, Item No. 3 below for design update.

Question: "Drawing 1M-001 indicates fan and heater specifications that do not match E202 schedules. Please confirm that information on E202 supersedes and is correct. (Schedules and details on 1M-001 appear to have been somewhat hidden, this may be a clerical error)."

Response: Sheet E202 – SINGLE LINE DIAGRAM, MECHANICAL EQUIPMENT SCHEDULE. Descriptions of mechanical equipment illustrated in the MECHANICAL EQUIPMENT SCHEDULE on this sheet shall supersede those illustrated on 1M-001.

Question: "Drawings show 2" for the service but for a 480V even though its only 200A I would suggest 4" if it will fit in your meter base."

Response: Sheet E101 – SITE PLAN and Sheet E202 – SINGLE LINE DIAGRAM, MECHANICAL EQUIPMENT SCHEDULE. As indicated power conduit for Household Hazardous Waste Facility shall be 2" due to size constraints imposed by meter base.

Question: "Who will be providing and installing underground service conduit and conductors?"

Response: Sheet E101 – SITE PLAN and Sheet E202 – SINGLE LINE DIAGRAM, MECHANICAL EQUIPMENT SCHEDULE. AEL&P shall provide and install the conduit and conductors routed between the power distribution transformer and the meter mounted to the Household Hazardous Waste Facility per separate agreement. Contractor shall coordinate work with AEL&P accordingly.

Question: "Section 260526, 3.5/E indicates that all Ufer conductors are to be not smaller than 4 AWG. However, one-line diagram on Drawing E202 shows 6AWG for the Facility, and 8 AWG for the Modular Trailer. Please clarify."

Response: Sheet E202 – SINGLE LINE DIAGRAM, MECHANICAL EQUIPMENT SCHEDULE. Conductors shall be upsized to match requirements in Specification. See Drawings, Item No. 4 below for design update.

Question: "Section 260526, 3.5/D indicates a ground rod at each corner column to be bonded to structural steel. Are these rods to be intertied to each other, forming a grounding ring? If so, should the conductor size be equivalent to the Ufer conductor, or 2/0 as indicated for buried grounding conductors?"

Response: SECTION 260526 – GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS. Requirement for ground rods at each corner of the facility shall be deleted. See Project Manual, Item No. 1 below for design update.

PROJECT MANUAL:

- Item No. 1 SECTION 260526 – GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS. **Delete** paragraph 3.5, D. Installation of ground rods shall not be required at base of each corner column and at intermediate exterior columns at distances not more than 60 feet (18 m) apart.

DRAWINGS:

- Item No. 1: Sheet E302 – LUMINAIRE SCHEDULE, SCHEMATIC DIAGRAM. **Replace** Type B luminaire description with “48” LED LINEAR STRIP LIGHT, CABLE MOUNTED, STEEL HOUSING, DIFFUSE ACRYLIC LENS, INTEGRAL ELECTRONIC DRIVER, 6000 LUMEN, 120-277V.”

Sheet E302 – LUMINAIRE SCHEDULE, SCHEMATIC DIAGRAM. **Replace** Type B luminaire manufacturer with “LITHONIA LIGHTING UFIT L48 6000LM SEF MVOLT GZ10 35K 80CRI”

Sheet E302 – LUMINAIRE SCHEDULE, SCHEMATIC DIAGRAM.
Replace Type B luminaire lamps with “44W, WHITE LED, 3500K, CRI80”

Sheet E301 – FLOOR PLAN – LIGHTING. **Replace** illustrated (4 EA) Type B fixtures with (2 EA) Type B fixtures.

- Item No. 2: Sheet E201 – FLOOR PLAN – POWER. **Add** “48” AFF” description to GFCI duplex receptacle located in PAINT 203.

- Item No. 3: Sheet E202 – SINGLE LINE DIAGRAM, MECHANICAL EQUIPMENT SCHEDULE. **Delete** “CLASS 1, DIVISION 2 ENCLOSURE” and “EXPLOSION PROOF HOUSING” from product description of DA-1 in MECHANICAL SCHEDULE. DA-1 is mounted outside of classified area.

- Item No. 4: Sheet E202 – SINGLE LINE DIAGRAM, MECHANICAL EQUIPMENT SCHEDULE. **Replace** NO. 6 CU UFER GROUND CONDUCTOR with NO. 4 CU UFER GROUND CONDUCTOR and Replace NO. 8 CU UFER GROUND CONDUCTOR with NO. 4 CU UFER GROUND CONDUCTOR.

By: 
Greg Smith,
Contract Administrator

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