NOTICE

This Addendum is issued to modify, explain or correct the original drawings, specifications and/or previous addendums and is hereby made a part of the Contract Documents. Please note receipt of this Addendum on the Request for Bid. The bid date remains unchanged from the Addendum #1 amendment.

PROJECT MANUAL

DIVISION 23 – HEATING, VENTILATING, AND AIR CONDITIONING

Section 23 55 16 – Indirect Heating and Ventilating Units

Page 23 55 16-2, Paragraph 2.01 A:

ADD “A. Acceptable Manufacturer: Industrial Commercial Equipment (I.C.E.).”

DIVISION 26 – CONTROL PANEL CONSTRUCTION

Section 26 90 10 – Control Panel Constructure

Page 26 90 10 -5, Paragraph 2.03 – C.19- a:

CHANGE “a. Enclosures are painted front, sides, top, and back with a baked on epoxy paint, color to be selected by owner to match other Duluth Control Panels. Control panels shall receive application of anti-graffiti protective coating”.

DIVISION 33 – UTILITIES

DELETE Section 33 01 30.72 LINING SEWERS (CIPP) from the Project Manual and disregard all references to this section. Bidders shall reference the City of Duluth 2009 Standard Construction Specifications for applicable sewer lining requirements.

PROJECT DRAWINGS

Drawing G-4

CLARIFICATION Location noted for pavers on the existing storage facility is incorrect, refer to Landscape Plans for the correct locations and styles of pavers.
CHANGE  Move Y3 site lights shown to the north of the storage facility to new location south of the retaining wall. The concrete bases and conduits for these fixtures are installed under Phase II. Luminaries, poles, and wiring shall be provided under this contract.

CLARIFICATION  Existing transformer and meter for service to restroom facility are located S.E. of the restroom facility and N.N.W. of the fence for the City's SCADA System Trailer, refer to DRAWING G-4.

CLARIFICATION  All heavy line weight conduit runs to site lighting are new, direct buried, and sized by contractor to carry the wiring shown on the revised detail 26 14 10 attached to this addendum.

CLARIFICATION  The circle shown S.W. of the Lifts Station utility transformer is on existing light pole base, in which the existing wiring to the bridge wall pack lighting is accessible.

DELETE  Delete Note 17 referenced to the Y3 site lights shown to the south of the storage facility. Provide concrete bases per detail 26 52 53, luminaries, poles, and wiring under this contract.

Drawing E-3

ADD  Homerun circuit RF-LP-1 (5) to the site lighting control panel identified by Plan Note No. 5 on Toilet Building Plan Power.

Drawing E-4

ADD  Homerun circuit SUG-LP-4 (9) to the site lighting control panel identified by Plan Note 12 on Garage Building Plan Power.

ADD  Plan Note No. 13 as "13. Control station for north and south garage door openers. Provide by garage door manufacturer and wired by contract.

CHANGE  The two devices located at the north and south mandoors on the Garage Building Plan Power and identified by Plan Note No. 8 should be referenced to Plan Note No. 13.

CLARIFICATION  The 5 cord reels located above the work bench including the following: 1 – double duplex receptacle, 1 – work light (provided by contractor), 1 box with 100A lugs for connection of 15hp/208V motor, 1 box with 100A lugs for connection of 15 hp/240V motor, 1 box with 100A lugs for connection of 40hp/480V motor.
Drawing E-5

**CHANGE** On restroom facility one-line diagram, change site lighting control panel from existing to new and delete reference to Plan Note No. 6.

**CHANGE** On restroom facility one-line diagram, change panel RF-LP-1 from existing to new and delete reference to Plan Note No. 5

**CHANGE** Change Plan Note No. 5 to read “Not Used”.

**CHANGE** Change Plan Note No. 6 to read “Not Used”.

Drawing E-6

**REPLACE** Replace Drawing E-6 in it’s entirety with attached Drawing E-6.

Drawing E-10

**REPLACE** Replace Drawing E-10 in it’s entirety with the attached Drawing E-10.

Drawing E-11

**CHANGE** On fixture schedule for Type Y3 fixture, change the number of luminaires per pole from “1” to “5” and change luminaire model number to “CL12-400PMH-RN-240-EB-YK-SF”.

**ADD** On fixture schedule, add the following note to Type Y3 fixture: “Provide remote ballast mounted in base of pole for each luminaire. Coordinate exact requirements with manufacture to match City of Duluth standard lighting unit requirements. Aim flood lights to provide lighting coverage of the top of the storage tank facility.”

Drawing E-13

**REPLACE** Replace Detail 26 14 10 in it’s entirety with the attached “Detail 26 14 10”.

Drawing E-14

**REPLACE** Replace “Cord Reel Contactor Wiring Detail” in it’s entirety with the attached “Cord Reel Contactor Wiring Detail”.

END OF ADDENDUM
COMPONENTS:
- TIME CLOCK: MARSUER 8172/120 ELECTRONIC DUVEN DAY
- PHOTO CONTROL: INTERMATIC A421 MOUNT WHERE SHOWN ON FLOOR PLANS; OR IF NOT SHOWN, ON NORTH SIDE OF BUILDING.
- CONTACORS: "SQUARE D" 8503-240 VOLTS MINIMUM CONFIGURATION; PROVIDES ADDITIONAL CONTACT POLES IF REQUIRED.
- PILOT LIGHTS: 120 VOLT LED TYPE; PROVIDE ENGRAVED LABEL INDICATING "DUSK TO DAWN" AND "DUSK ON-TIME CLOCK OFF".
- 3-POSITION CENTER OFF TYPE; HEAVY DUTY TOGGLE SWITCHES; SWITCH PROVIDE ENGRAVED LABEL FOR EACH SWITCH "AUTO-OFF-OFF".

120 VOLT CIRCUIT AS SHOWN ON PLANS OR TO NEAREST PANEL:
- TIME CLOCK
- PHOTO CONTROL
- CONTACOR #1
- PILOT LIGHT #1
- 3-POSITION SWITCH
- CONTACOR #2
- PILOT LIGHT #2
- 3-POSITION SWITCH

CONTACTOR C1 DUSK ON-TIME CLOCK OFF
- TC1 TYPE CIRCUIT

CONTACTOR C2 DUSK TO DAWN
- TC2 TYPE CIRCUIT

26 14 10 EXTERIOR LIGHTING CONTROLS
CORD REEL CONTACtor WIRING DETAIL