

BECKER COUNTY MATERIAL RECOVERY FACILITY
24413 CO RD 144
DETROIT LAKES, MN



MBA PROJECT NO. 17002

ADDENDUM NO. 1

Bid Packages Covered by This Addendum:
SINGLE PRIME CONTRACTOR

July 13, 2017

Acknowledge receipt of this Addendum by inserting its number in space provided on Bid Form. Failure to do so may subject Bidder to disqualification. This Addendum forms part of Bidding Documents and modifies them as follows.

CLARIFICATIONS

1. For Becker County prevailing wages, go to www.dli.mn.gov. Select rates – commercial on prevailing wages tab on bottom right corner, then click on county list under map and select Becker County.
2. Per MN Law, contractors must submit certified payroll records.
3. Per MN Law, contractors are not required to submit general contractor license.

The following additions, deletions and / or changes shall be made to the SPECIFICATIONS:

SPECIFICATIONS

Section 01 4000 – Quality Requirements

1. 1.02 Testing and Inspection Agencies, Paragraph A: Change Prime Contractor to Owner.

Section 08 3613 – Sectional Doors

1. 2.02 Steel Door Components, Paragraph A, Line 2: Change R value to 18.
2. 2.02 Steel Door Components, Paragraph B: Outer and inner steel sheet to be 27 gauge.
3. 2.04 Electrical Operation, Paragraph A: All operators to be 120v.

Section 13 3419 – Metal Building Systems

1. 1.07 Warranty, Paragraph B: Replace with metal building system manufacturer to provide a 20 year roof warranty.
2. 2.04 Materials – Roof: Delete paragraphs B through H and replace with:
 - B. Standing Seam Roof Panels:
 1. Basis of design Nucor CFR roof system.
 2. Factory roll-formed, 24 inches wide, with 2 major corrugations.
 3. Panel Material and Finish:
 - a. 24-gauge steel coated both sides with layer of Galvalume aluminum-zinc alloy (approximately 55 percent aluminum, 45 percent zinc) applied by continuous hot-dip method.
 4. Use panels of maximum possible lengths to minimize end laps.
 5. Extend eave panels beyond structural line of sidewalls.
 6. Factory punch panels at panel end to match factory-punched holes in eave structural member.
 7. Panel End Laps: Locate directly over, but not fastened to, a supporting secondary roof structural member and be staggered, to avoid 4-panel lap-splice condition.

8. End Laps: Floating. Allows roof panels to expand and contract with roof panel temperature changes.
- C. Accessories:
 1. Accessories (i.e., ventilators, translucent panels, gutters, fascia): Standard with metal building system manufacturer, unless otherwise noted and furnished as specified.
 2. Metal Coating on Gutters, Downspouts, Gable Trim, and Eave Trim: Siliconized polyester paint. Color to be selected by Architect.
 3. Location of Standard Accessories: Indicated on erection drawings furnished by metal building system manufacturer.
3. 2.05 Materials – Walls, Paragraph B, Line 5: Add wall panels to have siliconized polyester finish. Color to be selected by Architect from manufacturer’s standard line.
4. 2.05 Materials – Walls, Paragraph B: Add Line 6. Wall metal to be 26 gauge.
5. 2.06 Accessory Components, Paragraph I, Line 1: Omit and replace with: 2’-0” x 10’-0” translucent roof panels.
6. 2.10 Roof and Wall Insulation: Omit and replace with:
 - A. Roof insulation to be per IECC 2015. R-11 linear system with thermal spacer blocks over R-30 cavity batt insulation. Provide white vinyl support system with straps.
 - B. Wall insulation to be as per IECC 2015. R-13 continuous insulation over R-13 cavity batt insulation. Provide white vinyl support system with straps.

Section 23 0913 – Instruments and Control Devices

1. Delete 3.02 C.

Section 23 3423 – Power Ventilators

1. Delete 2.03 C statement requiring wall mounted multiple speed switch.

Section 26 7200 – Fire Alarm System Addressable

1. Fire alarm control panel shall be changed from surface mount to recessed wall mount.

APPROVED EQUALS

Section	Spec	Approved
08 5113 – Aluminum Windows	Manko	Desco
11 1316 – Loading Dock Seals and Shelters	Rite-Hite	Kelly
11 1319 – Loading Dock Levelors	Blue Giant	McGuires
13 3419 – Metal Building Systems	Butler	American Buildings Behlen Buildings
23 5233.14 – Boilers		Viessmann

The following additions, deletions and / or changes shall be made to the DRAWINGS:

SHEET A6.1

1. Reflected Ceiling Plan: Change 2’-0” x 10’-0” sunlight strip skylight to read 2’-0” x 10’-0” translucent roof panel typical.

SHEET S1.1

1. General Notes: Delete Note 16.

SHEET E1.1

Detail 4/E1.1:

1. Change the total suspension from 5’-0” to 2’-0”.

SHEET E1.2

Fire Alarm System:

1. Provide a rate-of-rise detector above the FACP and connect to fire alarm initiating circuit.

2. Modify the location of the FACP to Room 102. Flush mount in wall to the north side of the doorway. Provide signage at the location where the control panel is currently shown on the drawing, which defines the location of the FACP. Coordinate with the authority prior to rough-in.
3. Delete duct smoke detector shown along the west wall and identified for MAU-1.
4. Activation of any initiating devices located in the area served by the MAU will signal the fan shut-down relay specified for the MAU and shown at the MAU control panel.

Plan Notes:

- #9: Add to note – “Circuit and connect power supplies for control panels to spare breaker in Panel L (L-27).”
- #10: Add to note – “Circuit and connect well pump to circuit breaker shown in Panel H.”

Room 101:

CO/NO2 System:

- a. Equipment to be furnished and installed by Division 23.
- b. Division 26 shall provide a dedicated 120V power supply to each of (3) CO/NO2 detector/transmitters shown on mechanical drawing M2.1. Derive dedicated circuits from L-29, 31, & 33. Provide a toggle switch as a local disconnecting means at each of the (3) locations.
- c. Division 26 shall provide a 6#24 shielded cable (equal to General Cable C3065), concealed in $\frac{3}{4}$ "C, daisy chained between the (3) CO/NO2 detector/transmitters, and connect as recommended by the equipment manufacturer.
- d. Division 26 shall provide 120V interface wiring from CO/NO2 control relays, as directed by Division 23, to contacts on the motor starter provided by Division 26 for EF-1. Color code wires as directed by the manufacturer's wiring guidelines.

M#5: Wire and connect to branch circuit L-16 shown in nearby J-box.

Change the motor # on the overhead door, at the south wall, from #11 to #16.

Building Exterior:

M#3B: Outdoor unit to be located on the north side of the building, outside Office 102. Coordinate location prior to rough-in. Revise the location of associated outdoor WP receptacle accordingly.

Panel H: Change the breaker for MAU-1 from 30/3 to 25/3.
Change the breaker for EF-1 from 30/3 to 20/3.

Panel L: Change the breakers for circuits 3, 7, 11, 34 to 30/1.

SHEET E2.1

Motor Schedule:

- M#1 (MAU-1): Provide 8#24 + #24 shielded pair, $\frac{3}{4}$ "C from terminals on MAU to remote MAU control panel located outside Office 102. Connect per manufacturer's wiring diagrams provided by Division 23.
- M#2 (EF-1): Provide interface wiring from motor starter to contacts on MAU as directed by Division 23.
- M#11: Change the quantity to 4 thus. Set, wire, and connect to safety bar and photo-eye furnished by door supplier.
- M#16: Change the quantity to 4 thus. Set, wire, and connect to safety bar and photo-eye furnished by door supplier. Change the conductor size to #10 AWG, the conduit size to $\frac{3}{4}$ ", and the disconnect switch to a NEMA 1, 30A non-fused 2-pole switch.

Detail 1/E2.1:

1. Division 26 shall provide (2) 4" PVC stubbed below grade from primary side of transformer for the utility company's primary conductors.
2. Division 26 shall provide the underground secondary feeder (2 SETS: 4#3/0CU, 2½" PVC) from the utility transformer to the CT Cabinet.
3. Division 26 shall ground electrical service according to NEC.

PRIOR APPROVALS:

26 3700 Central Inverter: Dual Lite DLS, Inverter Systems Inc. IPS3

26 6100 Lighting Fixtures:

E: Dual Lite EVE, LSI Industries EX, Lightalarms QLX
G: Columbia LAW, LSI Industries WNA10, Philips OWL, Cree S-WR
H: Aurora AR, Philips RBX, Lithonia JBCL, Cree CXB
J2: Columbia CWM, Indessa Lighting 444, Philips FSW, Cree S-WR
Z: Hubbell LNC4, LSI Industries XWM, McGraw-Edison GWC
Z1: LSI Industries XWM, Philips LPW16

END OF ADDENDUM NO. 1