



ADDENDUM NO. 1 - OUTLINE AND SUMMARY INFORMATION

Project Name: Fieldhouse Fire Alarm Replacement

PPA No.: 23-0928

Location: Montana State University

Date: November 18, 2025

To: *All Plan Holders of Record*

*The Plans and Specification prepared by **Morrison Maierle, Inc** dated **January 29, 2025**, shall be clarified and added as follow. The bidder proposes to perform all the following clarifications or changes. It is understood that the Base Bid shall include any modification of Work or Additional Work that may be required by reason of the following change or clarifications.*

The Bidders are to acknowledge the receipt of this Addendum by inserting its number and date into their Bid Forms. Failure to acknowledge may subject the Bidder to disqualification and rejection of the bid. This Addendum forms part of the Contract Documents as if bound therein and modifies them as follows:

I. PRIOR APPROVALS

A. None

II. AMENDMENTS TO THE PROJECT MANUAL

A. Add Campus Standard for Programming the EST-4 as an appendix to specification 283111.

III. AMENDMENTS TO THE DRAWINGS

- A. Sheet FA0.1-FIRE ALARM NOTES (Note 5): Change to: ALL FIRE ALARM JUNCTION BOXES AND COVERS ABOVE CEILINGS AND IN CONCEALED SPACES ARE TO BE FACTORY FINISHED RED, BOTH SIDES OF COVER PLATES SHALL BE FACTORY FINISHED RED. JUNCTION BOXES AND COVERS IN EXPOSED LOCATIONS SHALL BE PAINTED TO MATCH EXISTING SURFACES AND IDENTIFIED AS FIRE ALARM WITH PRINTED LABEL.
- B. Sheet FA0.1-SYSTEM OUTPUTS/SYSTEM INPUTS: Chage the FIRE DRILL system output control to only release the magnetic door holders.
- C. Sheet FA0.1-CABLE AND WIRE LEGEND: Delete the bottom note: WHEN WIRING OF STROBES AND/OR HYPERSPIKE SPEAKERS ON CATWALK, USE SOUTHWIRE RED ALERT MC CABLE 14/2 (STROBE) 12/2 (SPEAKER) #554540002 OR EQUIVALENT.
- D. Sheet FA0.2-PANEL LEGEND (SYMBOL-FACU): Replace the 3-MODCOM (MODEM COMMUNICATOR AND DIALER) no longer available. Replace with 4-FWAL2, 4-FWAL-CAT, 4-BRKT-CB, ECG1-P, and CSP-CG-CMBP.

- E. Sheet FA0.2-PANEL LEGEND (SYMBOL-FACU): Replace 3-SSDC2 (SIGNATURE SINGLE DRIVER CONTROLLER with 4SDDC (DUAL SIGNATURE DRIVER CONTROLLER).
- F. Sheet FA0.2-PANEL LEGEND (SYMBOL-FACU): Replace 4-CAB24DRL (DOOR ASSEMBLY, RED) with (4-CAB24DL (DOOR ASSEMBLY, BRONZE).
- G. Sheet FA0.2-PANEL LEGEND (SYMBOL-FAA)(MOUNTING): change to 66" AFF TO THE TOP OF THE CABINET. Conduits can enter the bottom as there are no batteries and there are factory knockouts.

IV. ATTACHMENTS

- A. Pre-Bid Meeting Attendance List.
- B. Pre-Bid Meeting Questions.
- C. Campus Standard for Programming the EST-4.

END

Sign-in Sheet

Date: 11/17/2025

PPA No.: 23-0928

Project Name: Brick Breeden
Fire Alarm

Meeting Time & Location: 8:00 am at the Lobby of the Brick Breeden

From:

Pre-Bid Meeting Sign-in Sheet:

[illegible]

Questions from Brick Breeden Fire Alarm

- Does exposed boxes and conduit have to match existing wall color? Yes, exposed boxes and conduit need to match existing wall color.
- Is there any days that we cannot work due to events? There are three known no work dates.
 - MSU Spring Commencement – Friday May 8, 2026
 - MSU Fall Commencement – Friday December 18, 2026
 - Bozeman High and Gallatin High School Graduation – Saturday June 6, 2026
- Will there be night/weekend work allowed? Yes , night and weekend work will be allowed but will need to coordinate with MSU
- Can an Electrical Contractor be Prime on it? Prime Contractor are not restricted to a certain trade. Contractor will need to be able to bond and insure project.
- Clarification regarding parking permits/access. Contractor will be allowed 3 construction vehicles in staging area but will need to purchase contractor parking permit for additional vehicles or trailers.
- Fire Alarm will act as primary contractor for this project? Prime Contractor are not restricted to a certain trade. Contractor will need to be able to bond and insure project.
- Who will cover fee for elevator tech and inspection fee? MSU will cover the fee to place the elevator in test and will cover the cost of the inspection fee from the state of Montana.
- Key Access? Contractor will need to get a CAT Card for access into the building.
- Surface mounted boxes painted or factory red? Need to be Factory Red May need to check with Bryan Moss from Apex, but my understanding is all conduit and boxes and covers in Mech rooms and above drop ceilings are to be factory red, but if conduit and boxes are exposed to the public, they will match surrounding paint colors, and the box covers will be labeled FIRE ALARM. And all surface mount Speaker/Strobes will have an Edwards factory white back box.TC
 - Concur with the above statement. This is called out in notes 4 and 5 of the fire alarm notes on the cover sheet. -BM
 - Upon further discussion all conduit, boxes and covers shall be factory red finish no smaller than ¾" EMT. Except in areas that are open to the **GENERAL PUBLIC**. If EMT and boxes are located in areas exposed to the **GENERAL PUBLIC**, color to match surroundings. General Public does not include areas such as, Locker rooms, training rooms, North and South tunnel. -MSU
- Are lifts allowed on the floor? Yes, small scissor lifts are allowed without protection. Larger lifts will require plywood underlay. MSU Sport Facilities will provide plywood to protect the floor.
- Is MSU contracting the Elevator Tech for the Elevator work? MSU will cover the fee to place the elevator in test and will cover the cost of the inspection fee from the state of Montana.
- What color for the Hyper Spikes? White for commercial but specs call for red? Red per MSU Fire Marshall
- Where should duct detector test switches be located? Test switches in general should be located per drawings in a readily accessible location near duct detector. There may be some locations such as locker rooms where locating the switch near the duct detector is not feasible. In this event switch locations shall be coordinated with MSU on a case-by-case basis.
- Who will provide paint? Contractor shall supply the paint. MSU will provide the paint colors.

- Will there be any indoor storage allowed. Likely not.
- Can HyperSpike speakers be mounted to catwalk railing? Speaker mounting bracket is designed to be mounted to a vertical surface. It is preferred that speakers be mounted on vertical surface of catwalk support below the catwalk grating.

FIRE ALARM

PERFORMANCE SPECIFICATIONS

MONTANA STATE UNIVERSITY

CAMPUS STANDARD FOR PROGRAMMING THE EST-4

4-LCD- Mount the 4-LCD in slot 1 and 2 of the Operator Layer.

4-24L24S BUTTON STRIP- Mount the 4-24L24S Button Strip in slot 3 of the Operator Layer.

4-MIC- Mount the 4-MIC in slot 11 and 12 of the Operator Layer.

FACU NODE-Node Pseudo Points. Route Pseudo [622] \$Outgoing call in progress to [None] on both Message Route and Alternate Message Route.

Project Data-Default Image. Add [MSU LOGO.jpg]. (See MSU project manager for file)

Timers- User Timeout [8 hours]-Service Group Timeout [8 hours].

LCD Controls and Indicators- Change LCD Button 2 to [Lamp Test].

Logics- Add Time Control for Daylight Savings. Send message to [None].

LCD Configuration-Queues Priority-Alarm and Emergency only.

SLC- Location Text- When creating [**Location Text**], ensure the floor [**FL**] and rm # is at the beginning of the label and ensure the device type is called out. Some examples:

1FL RM 142EL SMOKE DETECTOR

1FL RM 209 RTU-1 DUCT DETECTOR

1FL ELEVATOR 1 LOBBY SMOKE DETECTOR

2FL RM 219EL BOOSTER PANEL (“”) POWER SUPERVISION

See MSU Fire Tech Foreman for any clarification needed prior to pretest.

SMOKE AND HEAT DETECTORS- On all Smoke and Heat detectors, remove the bar code stickers that are attached to the detector. The only stickers shall be the device address on the detector trim skirt. Ex. 001:002:0015 (24 font).

LCD- Label Insert Text

Indicator Label [**Node Silence**] Insert Text [**PANEL SILENCE**] Font Family [**Adobe Gothic Std B**] Font Color [**Black**] Background Color [**Gray #FF7F7F7F**] Font Size [**10**].

Indicator Label [**Lamp Test**] Insert Text [**LAMP TEST**] Font Family [**Adobe Gothic Std B**] Font Color [**White**] Background Color [**Gray #FF7F7F7F**] Font Size [**10**].

Indicator Label [**Alarm Silence**] Insert Text [**ALARM SILENCE**] Font Family [**Adobe Gothic Std B**] Font Color [**Red**] Background Color [**Gray #FF7F7F7F**] Font Size [**10**].

Indicator Label [**Reset**] Insert Text [**RESET**] Font Family [**Adobe Gothic Std B**] Font Color [**Green**] Background Color [**Gray #FF7F7F7F**] Font Size [**10**].

**4-24L24S BUTTON STRIP PROGRAMMING**

SW1- [Steady] Indicator Color [**White**] Insert Text [**ALL CALL**] Font Family [**Gill Sans Ultra Bold Condensed**] Font Color [**White**] Background Color [**Gray #FF7F7F7F**] Font Size [**10**]. **SW1 shall not** be password protected.

SW2-SW11-These are used for Zone paging. [**Steady**] Indicator Color [**White**] Insert Text [**TO BE DETERMINED**] Font Family [**Gill Sans Ultra Bold Condensed**] Font Color [**White**] Background Color [**Gray #FF7F7F7F**] Font Size [**10**]. **SW2-SW11 shall not** be password protected. (If applicable)

SW12- Not used. Leave blank. Background Color [**Gray #FF7F7F7F**].

SW13- [Slow Blink] Indicator Color **[Yellow]** Insert Text **[A/V DISABLE]** This will disable all the Speaker/Strobes including the FDC Horn/Strobe. Font Family **[Gill Sans Ultra Bold Condensed]** Font Color **[Yellow]** Background Color **[Gray #FF7F7F7F]** Font Size **[10]**.

SW13 shall be password protected.

SW14- [Slow Blink] Indicator Color **[Yellow]** Insert Text **[AUX DISABLE]** This will disable door mags, RTU/HVAC shutdowns Damper shutdowns. Font Family **[Gill Sans Ultra Bold Condensed]** Font Color **[Blue]** Background Color **[Gray #FF7F7F7F]** Font Size **[10]**. **SW14 shall be** password protected.

SW15- Not used. Leave blank. Background Color **[Gray #FF7F7F7F]**.

SW16- [Slow Blink] Indicator Color **[Yellow]** Insert Text **[MAIN WALKTEST]** This will include all Smokes, Heats, Ducts, and Pulls. Font Family **[Gill Sans Ultra Bold Condensed]** Font Color **[Yellow]** Background Color **[Gray #FF7F7F7F]** Font Size **[10]**.

SW16 shall be password protected.

SW17- [Slow Blink] Indicator Color **[Blue]** Insert Text **[SPRINKLER WALKTEST]** This will include all Waterflows and Tamper Valves. Font Family **[Gill Sans Ultra Bold Condensed]** Font Color **[Blue]** Background Color **[Gray #FF7F7F7F]** Font Size **[10]**. **SW17 shall be** password protected.

SW18- [Slow Blink] Indicator Color **[White]** Insert Text **[GAS ACCEL MODE]** Font Family **[Gill Sans Ultra Bold Condensed]** Font Color **[White]** Background Color **[Gray #FF7F7F7F]**. **SW18 shall not** be password protected. (If applicable)

SW19-SW21- Not used. leave blank. Background Color **[Gray #FF7F7F7F]**.

SW22- [Fast Blink] Indicator Color **[Red]** Insert Text **[FIRE DRILL]** When writing this rule, activate the Alarm and all shutdowns associated with a General Alarm. Except for monitoring. This button shall not send a CMS signal. Font Family **[Gill Sans Ultra Bold Condensed]** Font Color **[Red]** Background Color **[Gray #FF7F7F7F]** Font Size **[10]**. **SW22 shall not** be password protected.

SW23- [Fast Blink] Indicator Color **[BLUE]** Insert Text **[CO DRILL]** When writing this rule, activate the 4 temporal for CO. This button shall not send a CMS signal. Font Family **[Gill Sans Ultra Bold Condensed]** Font Color **[BLUE]** Background Color **[Gray #FF7F7F7F]** Font Size **[10]**. **SW23 shall not** be password protected. (If applicable)

SW24- Not used. Leave blank. Background Color **[Gray #FF7F7F7F]**.

ALL CALL

A/V DISABLE

AUX DISABLE

MAIN

WALKTEST

SPRINKLER

WALKTEST

GAS ACCEL

MODE

FIRE DRILL

ANNUNCIATORS (If applicable)

Route the Service Group messages to main FACU only. (The annunciators shall display the [MSU LOGO.jpg] during a Service Group activation). See MSU Fire Tech Foreman for details.

LCD Configuration-Queues Priority-Alarm and Emergency only.

LCD- Label Insert Text- Match main FACU Node.

4-LCD- Mount the 4-LCD in slot 1 and 2 of Operator Layer.

4-24L24S- Mount in slot 3 of the Operator Layer.

4-MIC- Mount the 4-MIC in slot 4 and 5 of the Operator Layer.

4-24L24S ANNUNCIATOR BUTTON STRIP PROGRAMMING

SW1- [Steady] Indicator Color **[White]** Insert Text **[ALL CALL]** Font Family **[Gill Sans Ultra Bold Condensed]** Font Color **[White]** Background Color **[Gray #FF7F7F7F]** Font Size **[10]**. **SW1 shall not** be password protected.

SW2-SW11- These are used for Zone paging. **[Steady]** Indicator Color **[White]** Insert Text **[TO BE DETERMINED]** Font Family **[Gill Sans Ultra Bold Condensed]** Font Color **[White]** Background Color **[Gray #FF7F7F7F]** Font Size **[10]**. **SW2-SW11 shall not** be password protected.

SW12- Not used. Leave blank. Background Color **[Gray #FF7F7F7F]**.

SW13-SW21- Not used. Leave blank with Background Color **[Gray #FF7F7F7F]**.

SW22- [Fast Blink] Indicator Color **[Red]** Insert Text **[FIRE DRILL]** When writing this rule, activate the Alarm and all shutdowns associated with a General Alarm. Except for monitoring. This button shall not send a CMS signal. Font Family **[Gill Sans Ultra Bold Condensed]** Font Color **[Red]** Background Color **[Gray #FF7F7F7F]** Font Size **[10]**. **SW22 shall not** be password protected.

SW23- [Fast Blink] Indicator Color **[BLUE]** Insert Text **[CO DRILL]** When writing this rule, activate the 4 temporal for CO. This button shall not send a CMS signal. Font Family **[Gill Sans Ultra Bold Condensed]** Font Color **[BLUE]** Background Color **[Gray #FF7F7F7F]** Font Size **[10]**. **SW23 shall not** be password protected.

SW24- Not used. Leave blank. Background Color **[Gray #FF7F7F7F]**.

ALL CALL

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FIRE DRILL

CO DRILL

CMS MONITORING

3-MODCOM- MSU Project Manager will provide the contractor with a 4-digit account # once account is set up.

Phone Number 1- 0123456789, **Phone Number 2-** 9876543210

Timers- Test Mode **[Time of Day]**, Test Time Interval **[1]**, Test Message Time of Day **[0:8:30]**.

POINT 1- GENERAL ALARM (SMOKE DETECTORS, HEAT DETECTORS, PULL STATIONS)

POINT 2- WATERFLOW ALARM

POINT 3- SUPERVISORY

POINT 4- TROUBLE

POINT 5- CO ALARM (If applicable)