ADDENDUM NO. 1 - OUTLINE AND SUMMARY INFORMATION

Project Name: BART Farm Nutrition Center Roof Replacement  
PPA No.: 18-2101  
Date: 3/14/19

To: All Plan Holders of Record

The Plans and Specification prepared by Architecture 118 dated February 28, 2019, 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. ATTACHMENTS

A. Architecture 118 Addendum 1 Outline & Summary
To: All Plan Holders of Record

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

I. PRIOR APPROVALS

A. Substitution requests were submitted for the following materials:

1. EPDM Roofing (Materials)
   a. Proposed substitution: .......TPO Roofing (GAF)
   b. Status: .........................Rejected

2. EPDM Roofing (Materials)
   a. Proposed substitution: .......TPO Roofing (Mule Hide)
   b. Status: .........................Rejected

3. EPDM Roofing (Manufacturer)
   a. Proposed substitution: .......EPDM Roofing (Mule Hide)
   b. Status: .........................Approved

II. AMENDMENTS TO THE PROJECT MANUAL

A. None

III. AMENDMENTS TO THE DRAWINGS

A. Sheet SPEC-2, Section 075323 (EPDM Roofing)

B. Sheet A-1, Drawing 1 (Roof Plan)

IV. GENERAL INFORMATION

A. Existing Mechanical Equipment to be Removed

1. Drawings indicate four locations of existing mechanical equipment and roof penetrations that are planned for removal.
2. Owner intends to remove this equipment, to the greatest extent possible, prior to the commencement of the roofing project.
3. Existing curbs, flashings, or flue penetrations may be left behind and fitted with temporary caps in an attempt to keep the building weather-tight ahead of the roofing project.
4. Roofing contractor will need to remove any temporary caps, curbs, flashings, etc., left behind by the Owner at the appropriate time to facilitate the roofing work.

B. Parking Permits
   1. MSU parking permits are not required for vehicles parked at the BART Farm.

C. Wind Uplift Resistance
   1. The attachment of the new overlay roofing system shall be as required to accommodate a working uplift loading of 30 lbs./sq. ft. minimum throughout.

D. Building Occupancy
   1. Building use during the summer will be light. There will be a few people coming and going occasionally and there will be livestock in the surrounding pens.

V. ATTACHMENTS
   A. Substitution Request: TPO Roofing (2), EPDM Roofing Manufacturer (1)
   B. Pre-Bid Conference – Meeting Notes
   C. Pre-Bid Conference Sign-In Sheet
   D. Pre-Bid Conference – Agenda and Information
   E. Sheet SPEC-2
   F. Sheet A-1
SUBSTITUTION REQUEST (PRIOR APPROVAL)

<table>
<thead>
<tr>
<th>Project Title:</th>
<th>Bart Farm Roof Replacement</th>
<th>PPA No:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location:</td>
<td>Bozeman, MT</td>
<td></td>
</tr>
<tr>
<td>Owner:</td>
<td>MONTANA STATE UNIVERSITY</td>
<td>Bidder (Sub-):</td>
</tr>
</tbody>
</table>

This request is submitted for the approval of the Architect. Bidder / Sub-Bidder shall submit one request in accordance with Bidders’ Instructions and Information for each proposed substitution. All blanks are to be completed.

The material, system, or equipment defined by this Substitution Request is proposed as a replacement for the material, system, or equipment originally specified and defined as follows:

<table>
<thead>
<tr>
<th>SECTION</th>
<th>PARAGRAPH</th>
<th>SPECIFIED MATERIAL, SYSTEM, OR EQUIPMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>075323</td>
<td>2.2A</td>
<td>60 Mil Reinforced EPDM Roofing System</td>
</tr>
</tbody>
</table>

**PROPOSED SUBSTITUTION:** The material, system, or equipment being proposed is defined as follows:

- 60 Mil TPO Roofing System

- What are the differences between the specified material, system, or equipment and the proposed substitution?  
  
  See attached data sheet

- Does the proposed substitution require dimensional changes on the Construction Drawings? (Y ☑)
- Does the proposed substitution require changes to the Work of other trades? (Y ☑)
- Is the warranty for the proposed substitution comparable with that of the specified product? (Y ☑)

By signing and submitting this request, the Bidder / Sub-Bidder represents that the function, appearance, and quality of the proposed substitution are equivalent or superior to the specified material, system, or equipment.

By signing and submitting this request, the Bidder / Sub-Bidder agrees to pay all costs, including architectural and engineering fees, associated with the incorporation of the proposed substitution into the Project.

**Matthew Stanchoel**

**SUBMITTED BY (BIDDER / SUB-BIDDER)**

**AUTHORIZED AGENT**

**DATE**

**Received:**

**DATE**

**Architect’s Action:** ☐ Rejected  ☑ Approved

- Rejected – For reasons as follows:
  
  EPDM ROOFING IS PREFERRED AND WAS SPECIFIED

☐ Approved as noted:

**ARCHITECTURE 118**

**REVIEWED BY (ARCHITECT)**

**AUTHORIZED AGENT**

**DATE**

**3/6/19**

MSU Substitution Request Form 099

(Revised 062911)
**SUBSTITUTION REQUEST (PRIOR APPROVAL)**

Project Title: farm nutrition center re-roof  
Location: 2730 west garfield  
Owner: MONTANA STATE UNIVERSITY  
Bidder (Sub-): advanced contracting services

This request is submitted for the approval of the Architect. Bidder / Sub-Bidder shall submit one request in accordance with Bidders’ Instructions and Information for each proposed substitution. All blanks are to be completed.

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<tr>
<td>075323</td>
<td>2.2a</td>
<td>manufacturers</td>
</tr>
</tbody>
</table>

**PROPOSED SUBSTITUTION:** The material, system, or equipment being proposed is defined as follows:
mule hide roofing products  
ALL INFORMATION PROVIDED WAS FOR TPO ROOFING

- What are the differences between the specified material, system, or equipment and the proposed substitution? mulehide has the same properties and warranty as other manufacturers
- Does the proposed substitution require dimensional changes on the Construction Drawings? (Y/N)
- Does the proposed substitution require changes to the Work of other trades? (Y/N)
- Is the warranty for the proposed substitution comparable with that of the specified product? (Y/N)

By signing and submitting this request, the Bidder / Sub-Bidder represents that the function, appearance, and quality of the proposed substitution are equivalent or superior to the specified material, system, or equipment.

By signing and submitting this request, the Bidder / Sub-Bidder agrees to pay all costs, including architectural and engineering fees, associated with the incorporation of the proposed substitution into the Project.

Advantis (Advanced Services)  
Submitted by (Bidder / Sub-Bidder)  
Received:  
Architect’s Action: ☐ Rejected  
☒ Approved as noted:

ARCHITECTURE 118  
Reviewed by (Architect)  
Submitter: Scott Stich  
Date: 12 MAR 2019

MSU Substitution Request Form 099  
(Revised 062911)
SUBSTITUTION REQUEST (PRIOR APPROVAL)

Project Title: farm nutrition center re-roof  
Location: 2730 west garfield  
Owner: MONTANA STATE UNIVERSITY  
PPA No: 18-2101  
Bidder (Sub-): advanced contracting services

This request is submitted for the approval of the Architect. Bidder / Sub-Bidder shall submit one request in accordance with Bidders’ Instructions and Information for each proposed substitution. All blanks are to be completed.

The material, system, or equipment defined by this Substitution Request is proposed as a replacement for the material, system, or equipment originally specified and defined as follows:

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PROPOSED SUBSTITUTION: The material, system, or equipment being proposed is defined as follows:

mule hide roofing products

INFORMATION PROVIDED WAS FOR EPDM ROOFING

- What are the differences between the specified material, system, or equipment and the proposed substitution? mulehide has the same properties and warranty as other manufacturers
- Does the proposed substitution require dimensional changes on the Construction Drawings? (Y/N) Y
- Does the proposed substitution require changes to the Work of other trades? (Y/N) Y
- Is the warranty for the proposed substitution comparable with that of the specified product? (Y/N) Y

By signing and submitting this request, the Bidder / Sub-Bidder represents that the function, appearance, and quality of the proposed substitution are equivalent or superior to the specified material, system, or equipment.

By signing and submitting this request, the Bidder / Sub-Bidder agrees to pay all costs, including architectural and engineering fees, associated with the incorporation of the proposed substitution into the Project.

Submitted By (Bidder / Sub-Bidder):  
Authorized Agent:  
Date: 3-12-19

Received:  
Architect’s Action: □ Rejected  
□ Approved  
☑ Rejected – For reasons as follows:  

☑ Approved as noted:  

EPDM ROOFING FROM MULE HIDE IS ACCEPTABLE

Reviewed by (Architect):  
Authorized Agent:  
Date: 13 MAR 2019

MSU Substitution Request Form 099  
(Revised 062911)
The following is a summary of the above referenced meeting:

I. PURPOSE OF MEETING

A. Pre-Bid Conference for above referenced project. Introductions were made and Contractor information was collected. Owner’s Pre-Bid Agenda and Information document was provided to all in attendance.

II. ITEMS OF DISCUSSION

A. Mechanical Equipment to be Removed

1. Group discussed and viewed four locations where existing mechanical equipment is to be removed.
2. Owner intends to remove existing equipment ahead of the roofing project.
3. Additional clarification will be provided in upcoming addendum.

B. Edge Details

1. Contractors questioned edge detail requirements for the project.
2. The group reviewed edge details in the plan set.

C. Metal Flashing Materials

1. Contractors questioned metal material requirements for the project.
2. Specifications have been provided for shop-fabricated sheet metal flashing and trim, as well as manufactured roof specialties. Either approach will be acceptable for the project and are Contractor’s options.

D. Parking Permits

1. Owner will confirm whether parking permits are required in this location of campus. Clarification will be provided in upcoming addendum.

E. Job-Site Toilet

1. Section 015000 requires a job-site toilet.

F. Wind Speed Rating

1. Roofing assembly is not designed to meet a specific wind speed rating.
2. Actual wind uplift loadings have been calculated. Additional clarification will be provided in upcoming addendum.
3. Some pull-testing of the existing metal roofing will be required.
G. Insulation Requirements
   1. Only flute-fill insulation is required for this project.

H. Building Occupancy
   1. Contractors questioned whether there would be many people using the building over the summer. Clarification will be provided in upcoming addendum.
   2. Contractor staging requirements will be addressed at the Pre-Construction Conference.

III. FUTURE ACTION ITEMS
   A. Addendum No. 1

This information is forwarded to all those who attended the meeting. If any information summarized above is not correct, complete, or is inaccurate in any way, please notify the Authorized Agent listed above.
**PRE-BID CONFERENCE SIGN-IN SHEET**

<table>
<thead>
<tr>
<th>Project Name:</th>
<th>BART Farm Nutrition Center Roof Replacement</th>
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</thead>
<tbody>
<tr>
<td>Location:</td>
<td>Montana State University</td>
</tr>
<tr>
<td>Owner:</td>
<td>State of Montana</td>
</tr>
<tr>
<td></td>
<td>Montana State University</td>
</tr>
<tr>
<td></td>
<td>Bozeman, Montana</td>
</tr>
<tr>
<td>Meeting Date:</td>
<td>March 11, 2019</td>
</tr>
<tr>
<td>PPA No.:</td>
<td>18-2101 (A118 18-041)</td>
</tr>
</tbody>
</table>

Please provide the following information:

<table>
<thead>
<tr>
<th>Name</th>
<th>Company</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthony Johnson</td>
<td>Advanced Contracting Services</td>
<td>(406) 697-9197</td>
<td><a href="mailto:anthony@advancedcontractingservices.info">anthony@advancedcontractingservices.info</a></td>
</tr>
<tr>
<td>Samuel Brokenshire</td>
<td>Ace Roofing</td>
<td>(406) 578-2107</td>
<td><a href="mailto:samuel@aceroofingmt.com">samuel@aceroofingmt.com</a></td>
</tr>
<tr>
<td>Alana Griffin</td>
<td>Kruse Enterprises Inc.</td>
<td>(406) 544-0162</td>
<td><a href="mailto:alana@kruseenterprisesinc.com">alana@kruseenterprisesinc.com</a></td>
</tr>
<tr>
<td>Phillip Journey</td>
<td>Journey &amp; Sons, LLC</td>
<td>(406) 209-0991</td>
<td><a href="mailto:pjourney@jandsmt.com">pjourney@jandsmt.com</a></td>
</tr>
<tr>
<td>Michael Shamblin</td>
<td>Architecture 118</td>
<td>(406) 404-1777</td>
<td><a href="mailto:michael@arch118.com">michael@arch118.com</a></td>
</tr>
<tr>
<td>Scott Stroh</td>
<td>Architecture 118</td>
<td>(406) 404-1777</td>
<td><a href="mailto:scott.s@arch118.com">scott.s@arch118.com</a></td>
</tr>
</tbody>
</table>
PRE-BID CONFERENCE - AGENDA AND INFORMATION

Project Name:  BART Farm Nutrition Center Re-Roof  
PPA No.:  18-2101  
Location:  Site  
Date:  3/11/19 @ 3:00pm

I.  CONTRACTOR SIGN-IN, COLLECT BUSINESS CARDS

II.  GREETINGS AND INTRODUCTIONS
   A.  Consultant:  Scott Stroh, Architecture 118, o: 406-404-1777
   B.  MSU Project Manager:  Jaclyn Liebscher, o: 406-994-5970; c: 406-579-5226

III.  SUMMARY OF PROJECT
   A.  The Work consists of:
       1.  Overlay the existing metal roof with a new single-ply membrane.
       2.  New flashing and trim. Color to match existing.
   B.  Construction window is May 15 to August 15, 2019 (Final Acceptance i.e. Contractor is done and demobbed); $200/day LDs.
   C.  Construction budget is $60,000 to $70,000.
   D.  General information:
       1.  Work hours are 6am – 6pm M-F. Weekend work shall be coordinated at least 3 days’ ahead.
       2.  Construction staging / access is to the northeast side of the building. Main entry needs to remain open.
       3.  Safety first.
       4.  No smoking.
       5.  No radios.
       6.  Daily cleanup will be required.
       7.  Construction keys will be provided. Keep doors closed. Keep area secure.
   E.  Ask questions up to Wednesday end of day for incorporation into Addendum 1 which will be issued no later than EOD Thursday, March 14.

IV.  BIDDING PROCESS AND CONTRACT REQUIREMENTS
A. Bids will be received until 2pm on March 21, 2019 at the office of Campus Planning, Design and Construction, Montana State University, Bozeman, Montana.

B. The Bid Form has been provided within the Project Manual. Bidders are to execute the Bid Form completely, leaving no spaces blank.

C. Information pertaining to the preparation and submission of the Bid, including information regarding bid security, substitutions, addenda, bonding requirements, permits, contractor qualifications, prevailing wage requirements, state taxes, etc., can be found in the Bidders' Instructions and Information section of the Project Manual.

D. Information pertaining to liquidated damages can be found within the Agreement contained in the Project Manual.

E. Information pertaining to insurance requirements can be found within the General Conditions of the Contract contained in the Project Manual.

F. MCA Statutes – Title 18 Chapter 2.

V. QUESTIONS PERTAINING TO THE BIDDING DOCUMENTS

VI. TOUR THE PROJECT SITE
SECTION 06100 - MISCELLANEOUS LUMBER

1. Section 06100 applies to all demolition within the project area. Where rough car coverings and ceiling systems not indicated to be demolished; do not demolish such existing construction beyond indicated limits.

2. Do not proceed with installation until directed by Architect. Accurately shop draw all unit types in a coordinated manner.

3. Provide manufacturer’s standard rigid or semirigid insulation.

4. Do not use torches for soldering. Heat surfaces to receive solder and flow solder on surfaces.

5. Do not damage metal counterflashings that are to remain.

SECTION 061600 - EXECUTION

1. Coordinate with Owner to shut down air conditioning systems.

2. Existing Roofing System:
   - Do not damage metal counterflashings that are to remain.
   - Provide units with cant strips and base profile coordinated with roof insulation.
   - Provide manufacturer’s standard rigid or semirigid insulation.

3. Shop Drawings: Include roof plans, sections, details, and attachments to other work.

4. Monitor manufacturer’s standard rigid or semirigid insulation.

5. Provide manufacturer’s standard rigid or semirigid insulation.

SECTION 077200 - SHINGLE ROOFING

1. Section 077200 applies to all shingle roofing systems.

2. Provide manufacturer’s standard rigid or semirigid insulation.

3. Provide manufacturer’s standard rigid or semirigid insulation.

4. Provide manufacturer’s standard rigid or semirigid insulation.

5. Provide manufacturer’s standard rigid or semirigid insulation.

SECTION 078800 - SHEET METAL FLASHING AND TREM

1. Section 078800 applies to all sheet metal flashing and Trem systems.

2. Provide manufacturer’s standard rigid or semirigid insulation.

3. Provide manufacturer’s standard rigid or semirigid insulation.

4. Provide manufacturer’s standard rigid or semirigid insulation.

5. Provide manufacturer’s standard rigid or semirigid insulation.

END OF BENCHMARK

BARNETT ROOF RAPH NUTRITION

DATE

IFB 28 FEB 19