ADDENDUM NO. 2 - OUTLINE AND SUMMARY INFORMATION

To: All Plan Holders of Record

The Plans and Specification prepared by TDH Engineering dated March 31, 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. PRIOR APPROVALS
   A. …NONE.

II. AMENDMENTS TO THE PROJECT MANUAL
   A. …REVISED BID PROPOSAL (RVSD 4/17/19)

III. ATTACHMENTS
   A. …Revised Bid Proposal (rbsd 4/17/19)
   B. Revised Plan Sheet C3.1
   C. Revised Spec Section Measure and Payment 010110
BID PROPOSAL  
(ADDENDUM #2 REVISION #2)

Campus Intersection
11th Ave and Grant and 7th Avenue Improvements
PPA No. 19-0024

TO:
State of Montana
Montana State University, Campus Planning, Design, and Construction
Plew Building, 6th & Grant
PO Box 172760
Bozeman, Montana 59717-2760

Prospective Bidders:

The undersigned, having familiarized themselves with the Contract Documents, site, location, and conditions of the Work as prepared by TD&H Engineering, 234 E. Babcock, Suite 3, Bozeman, Montana 59715, 406/586-0277, by submission of this Bid Proposal, hereby agrees to provide all materials, systems, equipment and labor necessary to complete the Work for the total sum as follows:

**UNIT PRICES**
The bidder agrees to complete additional work items as requested at the following unit price amounts:

**SCHEDULE I – INTERSECTION REPAIR AND 7th AVE MILL AND OVERLAY IMPROVEMENTS (Base Bid)**

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Mobilization</td>
<td>1 LS</td>
<td>$________</td>
<td>$________</td>
</tr>
<tr>
<td>2) Traffic Control</td>
<td>1 LS</td>
<td>$________</td>
<td>$________</td>
</tr>
<tr>
<td>3) Demolish Existing Asphalt And Gravel Section</td>
<td>6,472 SF</td>
<td>$________</td>
<td>$________</td>
</tr>
<tr>
<td>4) 3” Asphalt Paving</td>
<td>6,472 SF</td>
<td>$________</td>
<td>$________</td>
</tr>
<tr>
<td>5) 6” Gravel Base</td>
<td>3,907 SF</td>
<td>$________</td>
<td>$________</td>
</tr>
<tr>
<td>6) 12” Gravel Sub-Base</td>
<td>3,907 SF</td>
<td>$________</td>
<td>$________</td>
</tr>
<tr>
<td>7) Geotextile</td>
<td>3,907 SF</td>
<td>$________</td>
<td>$________</td>
</tr>
<tr>
<td>8) Flowfill</td>
<td>2,565 SF</td>
<td>$________</td>
<td>$________</td>
</tr>
<tr>
<td>9) 4” Paint Striping</td>
<td>1,345 LF</td>
<td>$________</td>
<td>$________</td>
</tr>
<tr>
<td>10) 1’ Wide Thermoplastic</td>
<td>355 LF</td>
<td>$________</td>
<td>$________</td>
</tr>
<tr>
<td>11) Traffic Turn Arrow</td>
<td>4 EA</td>
<td>$________</td>
<td>$________</td>
</tr>
<tr>
<td>12) Bicycle Symbol w/ Green</td>
<td>2 EA</td>
<td>$________</td>
<td>$________</td>
</tr>
<tr>
<td>13) 2” Mill and Overlay</td>
<td>23,685 SF</td>
<td>$________</td>
<td>$________</td>
</tr>
<tr>
<td>14) Adjust All Utilities to Grade</td>
<td>1 LS</td>
<td>$________</td>
<td>$________</td>
</tr>
<tr>
<td>15) Replace Water Valve Box Top Section and Cover</td>
<td>4 EA</td>
<td>$________</td>
<td>$________</td>
</tr>
<tr>
<td>16) Install 4” PVC Conduit</td>
<td>32 LF</td>
<td>$________</td>
<td>$________</td>
</tr>
</tbody>
</table>

**BASE BID TOTAL:** $________ and ______/100 DOLLARS (ALPHA notation)

(NUERIC notation) $________
### SCHEDULE I, ALTERNATE NO. 1: ADD/DEDUCT

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Replace Gravel and Geotextile Pavement Section with Flowfill</td>
<td>3,907 SF</td>
<td>$_________</td>
<td>$______</td>
</tr>
<tr>
<td>DEDUCT Base Bid Item #4 6&quot; Gravel Base</td>
<td>3,907 SF</td>
<td>$_________</td>
<td>$______</td>
</tr>
<tr>
<td>DEDUCT Base Bid Item #5 12&quot; Gravel Base</td>
<td>3,907 SF</td>
<td>$_________</td>
<td>$______</td>
</tr>
<tr>
<td>DEDUCT Base Bid Item #6 Geotextile</td>
<td>3,907 SF</td>
<td>$_________</td>
<td>$______</td>
</tr>
</tbody>
</table>

**Total Adjusted cost Alternate No. 1:**

THE BIDDER AGREES TO THE SPECIFIED SCOPE OF WORK FOR THE ADJUSTED SUM OF:

```
(Alphabetical notation) $_________ /100 DOLLARS
```

### SCHEDULE I, ALTERNATE NO. 2: ADD

<table>
<thead>
<tr>
<th>Item Description</th>
<th>Quantity</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>2&quot; Mill and Overlay</td>
<td>43,900 SF</td>
<td>$_________</td>
<td>$______</td>
</tr>
</tbody>
</table>

**THE BIDDER AGREES TO ADD THE SPECIFIED SCOPE OF WORK FOR THE TOTAL SUM OF:**

```
(Alphabetical notation) $_________ /100 DOLLARS
```

This bidder acknowledges receipt of the following addenda:

- ADDENDUM No.: _______ Dated: ____________
- ADDENDUM No.: _______ Dated: ____________
- ADDENDUM No.: _______ Dated: ____________

By signing below, the bidder agrees to all terms specified and AGREES TO fulfill the requirements of the CONTRACT in strict accordance with the bidding documents.

Company Name: __________________________________________

Signature: ____________________________________________

Print Name: __________________________________________

Title: ________________________________________________

Business Address: ______________________________________

Construction Contractor Registration No.: ________________

Phone No.: __________________________________________

Fax No.: _____________________________________________

Date: ________________________________________________

MSU Bid Proposal Long Form 098
DIVISION 1 – GENERAL REQUIREMENTS

SECTION 010110
MEASUREMENT AND PAYMENT

1. GENERAL.

The following items shall constitute all pay items for the work to be done under these specifications. Payment for these items shall be full compensation for the completed item of work and the cost of any incidental work or materials required to complete the item, even though not specifically mentioned herein, shall be merged with and become a part of the applicable pay items.

The Bid Form is part of the contract documents. If a Bid item specifies a type of material, then that type of material is to be used without substitution. Payment will not be made for other material types unless pre-approved by the Engineer.

The Bid Items shown in the Bid Form constitute all pay items for all work shown on the plans and all work described in the specifications. Additional pay items may only be added if additional work items are added to the project by a work change directive (change order).

See the General Conditions for information regarding adjustment to quantities. Also see Article 4 of the General Conditions for further details regarding payments to the Contractor.

2. SPECIFIC BID ITEMS.

1. Mobilization:

* General: This bid item shall include mobilization, bonding, insurance, permitting, and cleanup for the project.

* Work Included:
  • All labor, tools, equipment, materials, and incidentals necessary to complete the work as specified;
  • Transport and set up all equipment, materials and other items needed to complete the project;
  • All permits, coordination and compliance inspections required for work;
  • Bonding and Insurance;
  • Provide all submittals, the construction schedule, and other paperwork required prior to construction start up;
  • All labor, tools, equipment, and incidentals necessary to maintain a clean project site as specified in the project documents;
  • Provide topsoil and seeding for disturbed landscaping areas (see plans and specifications section 02910);
• All labor, tools, equipment, materials and other items needed to remove all equipment, tools, and materials from the site upon completion of the project.
* Measurement: Measurement for mobilization will be by the lump sum (LS).
* Payment: Payment shall be by the lump sum item listed on the Proposal.

2. Traffic Control:
* General: This bid item shall include traffic control plan and implementation for the project.
* Work Included:
  • All labor, tools, equipment, materials, and incidentals necessary to complete the work as specified;
  • Transport and set up all equipment, materials and other items needed to complete the traffic control;
  • All permits, coordination and compliance inspections required for work;
  • Provide all traffic control plan submittal materials prior to construction start up;
  • All labor, tools, equipment, and incidentals necessary to furnish and maintain all traffic control devices;
  • All labor, tools, equipment, materials and other items needed to remove all equipment, tools, and materials from the site upon completion of the project.
* Measurement: Measurement for Traffic Control will be by the lump sum (LS).
* Payment: Payment shall be by the lump sum item listed on the Proposal.

3. Demolish Existing Asphalt and Gravel:
* General: This bid item consists of the removal of asphalt paving, gravel and subgrade per the Specifications.
* Work Included:
  • All labor, tools, equipment, materials, and incidentals necessary to complete the work as specified;
  • Loading, haul or other transportation required to demolish the material;
  • Saw cutting, disposal of asphalt, gravel, and any other waste material;
  • Hauling of all materials;
  • Repair of any damaged areas at no cost to the owner;
* Measurement: The removal of asphalt, gravel and subgrade is measured by the square foot of area removed. The quantities measured for payment are the square feet that have been removed per specifications. Square footage is determined by field measurement.
* Payment: Asphalt and gravel removal is paid for at the contract unit bid price per square foot of completed and accepted work.

4. 3” Asphalt Paving:
* General: This bid item consists of the installation of new paving in areas of removal. This item only includes the asphalt section of the paving. Gravel base and geotextile is a separate item.
* Work Included:
• All labor, tools, equipment, materials, surface preparation and incidentals necessary to complete the work as specified;
• Provide all materials required to complete the work in accordance to the mix-design and specifications;
• Tack coat;
• Loading, haul or other transportation required to place the material;
• Furnishing, handling, measuring, mixing, manipulation, placing and testing of materials;
• Hauling and placing the asphalt concrete;
• Provide initial mix-design of the product;
• Areas not meeting minimum specifications and compaction shall be removed and replaced with no additional measurement and payment.
* Measurement: Asphalt Paving is measured by the square foot. The quantities measured for payment are the square feet of surface area that have been replaced per specifications. Square footage is determined by field measurement.
* Payment: Asphalt Paving is paid for at the contract unit bid price per square foot of completed and accepted work.

5. 6” Gravel Base:
* General: This bid item consists of replacing the failed base section below asphalt.
* Work Included:
• All labor, tools, equipment, materials, surface preparation and incidentals necessary to complete the work as specified;
• Provide all materials required to complete the work in accordance to the specifications;
• Loading, haul or other transportation required to place the material;
• Furnishing, handling, measuring, mixing, manipulation, placing and testing of materials;
• Hauling and placing the road section;
• Areas not meeting minimum specifications and compaction shall be removed and replaced with no additional measurement and payment.
* Measurement: Gravel Base is measured by the square foot. The quantities measured for payment are the square feet of surface area that have been replaced per specifications. Square footage is determined by field measurement.
* Payment: Gravel Base is paid for at the contract unit bid price per square foot of completed and accepted work.

6. 12” Gravel Sub-Base:
* General: This bid item consists of replacing the failed sub-base section below asphalt.
* Work Included:
• All labor, tools, equipment, materials, surface preparation and incidentals necessary to complete the work as specified;
• Provide all materials required to complete the work in accordance to the specifications;
• Loading, haul or other transportation required to place the material;
• Furnishing, handling, measuring, mixing, manipulation, placing and testing of materials;
• Hauling and placing the road section;
• Areas not meeting minimum specifications and compaction shall be removed and replaced with no additional measurement and payment.
  * Measurement: Gravel Sub-Base is measured by the square foot. The quantities measured for payment are the square feet of surface area that have been replaced per specifications. Square footage is determined by field measurement.
  * Payment: Gravel Sub-Base is paid for at the contract unit bid price per square foot of completed and accepted work.

7. Geotextile:
  * General: This bid item consists of installing the geotextile below the base section below asphalt.
  * Work Included:
    • All labor, tools, equipment, materials, surface preparation and incidentals necessary to complete the work as specified;
    • Provide all materials required to complete the work in accordance to the specifications;
    • Install woven geotextile or approved equal for support under road section;
    • Loading, haul or other transportation required to place the material;
    • Furnishing, handling, measuring, mixing, manipulation and placing of materials;
    • Hauling and placing the geotextile below the road section;
  * Measurement: Geotextile is measured by the square foot. The quantities measured for payment are the square feet of surface area that have been placed per specifications. Square footage is determined by field measurement and does not include required overlap.
  * Payment: Geotextile is paid for at the contract unit bid price per square foot of completed and accepted work.

8. Flowfill:
  * General: This bid item consists of placing the flowfill section below asphalt.
  * Work Included:
    • All labor, tools, equipment, materials, surface preparation and incidentals necessary to complete the work as specified;
    • Provide all materials required to complete the work in accordance to the specifications;
    • Loading, haul or other transportation required to place the material;
    • Furnishing, handling, measuring, mixing, manipulation, placing and testing of materials;
    • Hauling and placing the road section;
    • Areas not meeting minimum specifications shall be removed and replaced with no additional measurement and payment.
  * Measurement: Flowfill is measured by the square foot. The quantities measured for payment are the square feet of surface area that have been replaced per specifications. Square footage is determined by field measurement.
  * Payment: Flowfill is paid for at the contract unit bid price per square foot of completed and accepted work.

9. 4” Paint Striping:
* **General**: This bid item consists of the painting 4” lines on the asphalt concrete pavement surface course per the Specifications.

* **Work Included**:
  - All labor, tools, equipment, materials, surface preparation and incidentals necessary to complete the work as specified;
  - Furnishing, handling, and placing paint;
  - Hauling and placing the pavement markings;

* **Measurement**: The installation of the pavement striping is measured by the linear foot of 4” striping applied. The quantities measured for payment are the linear feet that have been applied per specifications. Linear footage is determined by survey that will be provided before construction commences.

* **Payment**: Striping is paid for at the contract unit bid price per linear foot of completed and accepted work.

10. **12” Thermoplastic (White)**:

* **General**: This bid item consists of the painting 24” lines on the asphalt concrete pavement surface course per the Specifications.

* **Work Included**:
  - All labor, tools, equipment, materials, surface preparation and incidentals necessary to complete the work as specified;
  - Provide all materials required to complete the work in accordance to the mix-design and specifications;
  - Loading, haul or other transportation required to place the material;
  - Furnishing, handling, measuring, mixing, manipulation, placing and testing of materials;
  - Areas not meeting minimum specifications shall be removed and replaced with no additional measurement and payment.

* **Measurement**: The installation of the pavement striping is measured by the linear foot of 24” striping applied. The quantities measured for payment are the linear feet that have been applied per specifications. Linear footage is determined by field measurement.

* **Payment**: Thermoplastic is paid for at the contract unit bid price per linear foot of completed and accepted work.

11. **Traffic Turn Arrow**:

* **General**: This bid item consists of the painting turn arrow on the asphalt concrete pavement surface course per the Specifications.

* **Work Included**:
  - All labor, tools, equipment, materials, surface preparation and incidentals necessary to complete the work as specified;
  - Furnishing, handling, and placing paint;
  - Hauling and placing the pavement markings;

* **Measurement**: The installation of the pavement painting is measured by the each turn arrow applied. The quantities measured for payment are the each that have been applied per specifications.

* **Payment**: Traffic Turn Arrow is paid for at the contract unit bid price per each of completed and accepted work.
12. Bicycle Symbol with Green Background:
* General: This bid item consists of the painting Bicycle Symbol with Green Background on the asphalt concrete pavement surface course per the Specifications.
* Work Included:
  • All labor, tools, equipment, materials, surface preparation and incidentals necessary to complete the work as specified;
  • Furnishing, handling, and placing paint;
  • Hauling and placing the pavement markings;
* Measurement: The installation of the pavement painting is measured by the each symbol applied. The quantities measured for payment are the each that have been applied per specifications.
* Payment: Bicycle Symbol with Green Background is paid for at the contract unit bid price per each of completed and accepted work.

13. 2” Mill and Overlay:
* General: This bid item consists of the removal of the top 2” of existing asphalt pavement and installation of new paving in areas of removal.
* Work Included:
  • All labor, tools, equipment, materials, surface preparation and incidentals necessary to complete the work as specified;
  • Provide all materials required to complete the work in accordance to the mix-design and specifications;
  • Tack coat;
  • Loading, haul or other transportation required to place the material;
  • Furnishing, handling, measuring, mixing, manipulation, placing and testing of materials;
  • Hauling and placing the asphalt concrete;
  • Provide initial mix-design of the product;
  • Areas not meeting minimum specifications and compaction shall be removed and replaced with no additional measurement and payment.
* Measurement: 2” Mill and Overlay is measured by the square foot. The quantities measured for payment are the square feet of surface area that have been replaced per specifications. Square footage is determined by field measurement.
* Payment: 2” Mill and Overlay is paid for at the contract unit bid price per square foot of completed and accepted work.

14. Adjust All Utilities to Grade:
* General: This bid item shall include raising or lowering all surface utilities to match finished grade.
* Work Included:
  • All labor, tools, equipment, materials, and incidentals necessary to complete the work as specified;
  • Furnishing, handling, and placing surface utilities including grade rings or other materials needed to adjust elevation;
* Measurement: Measurement for utility adjustment will be by the lump sum (LS).
* Payment: Payment shall be by the lump sum item listed on the Proposal.
15. **Replace Water Valve Box Top Section and Cover:**
   * **General:** This bid item shall include removing existing top section of valve box cover and lid and replacing with new to match finished grade.
   * **Work Included:**
     - All labor, tools, equipment, materials, and incidentals necessary to complete the work as specified;
     - Furnishing, handling, and placing valve box top section and cover;
   * **Measurement:** Measurement for valve box replacement will be by the each (EA).
   * **Payment:** Payment shall be by the each item listed on the Proposal.

16. **4” Dia. SCH 40 PVC Conduit:**
   * **General:** This bid item shall include placing conduit at the length and grade specified on plans.
   * **Work Included:**
     - All labor, tools, equipment, materials, and incidentals necessary to complete the work as specified;
     - Furnishing, handling, and placing conduit piper;
   * **Measurement:** Measurement for conduit placement will be by the linear foot (LF).
   * **Payment:** Conduit is paid for at the contract unit bid price per linear foot of completed and accepted work.

END OF SECTION