ADDENDUM NO. 2 - OUTLINE AND SUMMARY INFORMATION

Project Name: Parking Maintenance 2017 & Rodeo Dirt Parking Lot Expansion
PPA No.: 16-0168
Date: 5/16/17

To: All Plan Holders of Record

The Plans and Specification prepared by DOWL dated May 9, 2017, 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. Addendum 1: 5/9/17

II. AMENDMENTS TO THE PROJECT MANUAL
   A. NEW ADDENDUM 2 Bid Proposal Form—discard ALL PREVIOUS bid forms and replace with this new bid form. New form has updated quantities for bid items.

   B. Section 11500 Measure and Payment – replace the previous Measure and Payment Section 01011 with new section. Added new pay item for imported 1 ½” gravel material.

III. AMENDMENTS TO THE DRAWINGS
   A. Sheets C12 and C13—Sheets not used; no work to be done on West Stadium Parking Lot.

   B. Sheets C16 and C17—Updated call-outs for gravel replacement areas.

IV. GENERAL INFORMATION
   A. ....

V. ATTACHMENTS
   A. Addendum 2 Bid Proposal 16 0168.pdf

   B. 11500_m&p.pdf

   C. C16 and C17.pdf
BID PROPOSAL - Revised Addendum 2

PARKING MAINTENANCE 2017
PPA No. 16-0168

TO:
State of Montana, Montana State University
Campus Planning, Design & Construction
Attn: Rebecca Barney, Contract Administrator
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 DOWL, 2090 Stadium Drive, Bozeman, MT 59715 (406) 586-8834, 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:

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Unit</th>
<th>Unit Price</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mobilization</td>
<td>1</td>
<td>LS</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Seal Coat</td>
<td>294,943</td>
<td>SF</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Sweeping</td>
<td>1,653,441</td>
<td>SF</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>4” Paint Striping (Yellow)</td>
<td>110,640</td>
<td>LF</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>24” Paint Striping (White)</td>
<td>400</td>
<td>LF</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Directional Arrow Symbols</td>
<td>15</td>
<td>EA</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Curb Painting</td>
<td>7,192</td>
<td>LF</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Crack Sealing</td>
<td>8,500</td>
<td>LBS</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>New Asphalt Paving/Spot Repair</td>
<td>13,870</td>
<td>SF</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Gravel Lot Grading</td>
<td>91,940</td>
<td>SF</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>New Curb and Gutter</td>
<td>275</td>
<td>LF</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>New Sign</td>
<td>8</td>
<td>EA</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Site Demolition</td>
<td>1</td>
<td>LS</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>New Sidewalk</td>
<td>200</td>
<td>SF</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>New ADA Ramps</td>
<td>4</td>
<td>EA</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Relocate Light Pole</td>
<td>2</td>
<td>EA</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Imported 1 ½” Base Gravel</td>
<td>50</td>
<td>CY</td>
<td></td>
</tr>
<tr>
<td></td>
<td>TOTAL for all unit prices</td>
<td></td>
<td></td>
<td>$</td>
</tr>
</tbody>
</table>

BASE BID:
(combined total of unit prices)

$_________ and _______/100 DOLLARS

(ALPHA notation)

$_________ (NUMERIC notation)

MSU Bid Proposal Long Form 098
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.: _________________________________________________

Email: __________________________________________________

Date: ____________________________________________________
DIVISION 1—GENERAL REQUIREMENTS

SECTION 11500
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 landscaped 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.
2. Seal Coat:
   - **General:** This bid item consists of the seal coating of asphalt concrete pavement surface course at the application rate specified in 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;
     - Prime and tack coats;
     - Loading, haul or other transportation required to place the material;
     - Furnishing, handling, measuring, mixing, manipulation, placing and testing of materials;
     - Hauling and placing the sealcoat mix;
     - Provide initial mix-design of the product;
     - Areas not meeting minimum specifications shall be removed and replaced with no additional measurement and payment.
   - **Measurement:** The installation of the seal coat is measured by the square foot of seal coat surface area. The quantities measured for payment are the square feet of surface area that has the seal coat applied at the specified application rate. Square footage is determined by survey that will be provided before construction commences.
   - **Payment:** Seal coating is paid for at the contract unit bid price per square foot of completed and accepted work.

3. Sweeping
   - **General:** This bid item consists of sweeping per the Specifications.
   - **Work Included:**
     - All labor, tools, equipment, materials, surface preparation and incidentals necessary to complete the work as specified;
   - **Measurement:** Sweeping is measured by the square foot of asphalt swept. Square footage is determined by areas listed on each plan sheet or by field measurement.
   - **Payment:** Sweeping is paid for at the contract unit bid price per square foot of completed and accepted work.

4. 4” Paint Striping (Yellow):
   - **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;
     - "Blackout paint" or otherwise covering up errors in striping will not be allowed. Errant striping cannot be removed using “blackout paint,” milling or grinding.
   - **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 the quantity listed on each drawing sheet.

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

5. **24" Paint Striping (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;
  - Provide initial mix-design of the product;
  - 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:** Striping is paid for at the contract unit bid price per linear foot of completed and accepted work.

6. **Directional Arrow Symbol:**

- **General:** This bid item consists of the painting directional arrow symbol on the asphalt concrete pavement surface course per the Drawings and 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;
  - Provide initial mix-design of the product;
  - Areas not meeting minimum specifications shall be removed and replaced with no additional measurement and payment.

- **Measurement:** The installation of the directional arrow symbols is measured by each symbol applied. The quantities measured for payment are each symbol that has been applied per specifications. Symbols completed will be determined by field measurement.

- **Payment:** Directional arrow symbols are paid for at the contract unit bid price per symbol completed and accepted.

7. **Curb Painting (Yellow):**

- **General:** This bid item consists of the painting concrete curb 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;

- **Measurement:** The installation of the curb striping is measured by the linear foot of curb paint applied to top and face of curb. 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.

8. **Crack Seal:**
   - **General:** This bid item shall include all crack sealing per the specifications.
   - **Work Included:**
     - All labor, tools, equipment, materials, surface preparation and incidentals necessary to complete the work including preparation as specified;
     - The contractor is responsible for determining amount of all crack sealing per the Specifications prior to submitting bid.
     - Transport and set up all equipment, materials and other items needed to complete the project;
     - Provide all submittals, the construction schedule, and other paperwork required prior to construction start up;
   - **Measurement:** Measurement for crack seal will be by the pound (LB) of crack sealant.
   - **Payment:** Payment shall be by the unit bid price per pound of the item listed on the bid proposal/per daily verification.

9. **New Asphalt Paving or Spot Repair:**
   - **General:** This bid item consists of the spot replacing asphalt and installation of new asphalt and gravel section (including geotextile) in areas that have been indicated for removing and replacing existing section in the project drawings.
   - **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;
     - Excavation, removal and disposal of existing material;
     - Install gravel base section and woven geotextile or approved equal for support under road section;
     - 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 road section and 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.
• Areas that existing gravel base is deemed acceptable by the engineer to remain in place shall be compacted in place. Area where existing gravel is deemed unacceptable shall be replaced in accordance with the Gravel Base Repair bid item.
  ▪ **Measurement:** New Asphalt Paving or Spot Repair 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:** New Asphalt Paving or Spot repair is paid for at the contract unit bid price per square foot of completed and accepted work.

10. Gravel Lot Grading:
  ▪ **General:** This bid item consists of regrading existing gravel parking areas to a smooth surface free of pot holes and birdbaths. It shall include the excavation, importation, placing, compacting and disposal of excess material encountered within the construction limits necessary to construct the project as noted in the drawings.
  ▪ **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;
    • Excavation, removal and disposal of existing material;
    • 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;
    • Clearing and grubbing between the construction limits, including haul and disposal of cleared and grubbed material and stump removal;
    • Furnishing and placing water for compaction and dust control;
    • Final grading and cleanup.
    • Areas not meeting minimum specifications and compaction shall be removed and replaced with no additional measurement and payment.
  ▪ **Measurement:** Gravel Regrading is measured by the square foot. The quantities measured for payment are the square feet of surface area that have been regraded per specifications. Square footage is determined by field measurement.
  ▪ **Payment:** Gravel Regrading is paid for at the contract unit bid price per square foot of completed and accepted work.

11. New Curb and Gutter:
  ▪ **General:** This bid item consists of the installation of concrete curb and gutter per the Specifications.
  ▪ **Work Included:**
    • All labor, tools, equipment, materials, and incidentals necessary to complete the work as specified;
    • Replacing and compacting gravel subbase, crushed base per the Specifications under the curb to 9" behind the curb. Gravel section shall match the existing sections or 12" of 6" minus and 6" of 1-1/2" minus, whichever is more.
• Provide all materials required to complete the work in accordance to the mix-design and specifications;
• Includes saw cutting asphalt and adjacent curb and gutter if necessary;
• Loading, haul or other transportation required to place the material;
• Furnishing, handling, measuring, mixing, manipulation, placing and testing of materials;
• Hauling of all materials.
  ▪ **Measurement:** The installation of curb and gutter is measured by the linear foot of curb and gutter installed. The quantities measured for payment are the linear feet that have been installed per specifications. Linear footage is determined by field measurement.
  ▪ **Payment:** Curb and Gutter installation is paid for at the contract unit bid price per linear foot of completed and accepted work.

12. New Sign:
  ▪ **General:** This bid item includes the installation of new signs provided by Contractor as specified in the plans or in the field.
  ▪ **Work Included:**
    All labor, tools, equipment, materials, and incidentals necessary to complete the work as specified in plans;
    • Excavation, backfill, compaction, forming and construction of concrete post foundation, installation of sign post sleeve, pole and specified sign as shown in plans;
    • Coordination with MSU Parking Services;
  ▪ **Measurement:** Measurement shall be per each sign installed.
  ▪ **Payment:** Payment shall be at the contract unit price per each sign installed and approved.

13. Site Demolition:
  ▪ **General:** This bid item shall include demolition of existing infrastructure as noted in the specifications and drawings.
  ▪ **Work Included:**
    All labor, tools, equipment, materials, and incidentals necessary to complete the work as specified;
    • Demolition and removal of all items noted;
    • Saw cutting of concrete, asphalt, trees, jersey barriers, gravel and planter materials;
    • Haul or other transportation required to legally dispose of demolition material;
    • Salvaging and delivering materials to the owner as specified;
    • Backfill and compaction as required resulting from demolition activities;
    • Cleanup.
  ▪ **Measurement:** Measurement for Demolition will be lump sum.
  ▪ **Payment:** Payment for the completed and accepted quantities will be paid corresponding to the percentage of the demolition completed.

14. Sidewalk:
  ▪ **General:** This bid item shall include installation of sidewalk at the width and thickness specified.
  ▪ **Work Included:**
All labor, tools, equipment, materials, and incidentals necessary to complete the work as specified;
- Installation of base course gravel, as necessary;
- Sidewalks shall be 4" thick;
- Excavation, compaction, forming, placing, curing of concrete, reinforcement, pre-molded mastic for expansion joints, contraction joints, and cleanup.

- **Measurement:** Measurement shall be per square foot of sidewalk installed and in place.
- **Payment:** Payment shall be at the contract unit price per square foot of sidewalk.

15. **ADA Ramps:**
- **General:** This bid item shall include installation of ramps in compliance with ADA guidelines and as specified.
- **Work Included:**
  - All labor, tools, equipment, materials, and incidentals necessary to complete the work as specified;
  - Installation of base course gravel, as necessary;
  - Installation of detectable warning system with each ramp (see details);
  - Scheduling a pre-pour form inspection with project engineer to ensure compliance with ADA guidelines.
  - Excavation, compaction, forming, placing, curing of concrete, reinforcement, pre-molded mastic for expansion joints, contraction joints, and cleanup.

- **Measurement:** Measurement shall be per each ramp installed and in place.
- **Payment:** Payment shall be at the contract unit price per each ramp.

16. **Relocate Light Poles:**
- **General:** This bid item shall include the removal and resetting of existing light poles as shown on the project drawings.
- **Work Included:**
  - All labor, tools, equipment, materials, and incidentals necessary to complete the work as specified;
  - Removal of existing light poles and bases
  - Installation of light poles;
  - Any rewiring necessary for the new light pole location.
  - Excavation, compaction, forming, placing, curing of concrete, reinforcement, and cleanup.

- **Measurement:** Measurement shall be per each installed and in place.
- **Payment:** Payment shall be at the contract unit price per light pole relocated.

17. **Imported 1 ½” Base Gravel:**
- **General:** This bid item consists of the spot replacing gravel section (including geotextile) in unpaved areas that have been indicated for removing and replacing existing section in the project drawings.
- **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 specifications;
- Excavation, removal and disposal of existing material;
- Install gravel base section and 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, placing and testing of materials;
- Hauling and placing the road section and asphalt concrete;
- Provide initial gradation of the product;
- Areas not meeting minimum specifications and compaction shall be removed and replaced with no additional measurement and payment.
- Areas that existing gravel base is deemed acceptable by the engineer to remain in place shall be compacted in place. Area where existing gravel is deemed unacceptable shall be replaced in accordance with the Gravel Base Repair bid item.

  - **Measurement:** Imported 1 ½” Base Gravel is measured by the cubic yard. The quantities measured for payment are the square feet of surface area that have been replaced per specifications. Quantities will be determined by truck tickets.
  - **Payment:** Imported 1 ½” Base Gravel is paid for at the contract unit bid price per cubic yard of completed and accepted work.

END OF SECTION
MATCH LINE SEE SHEET C16

INSTALL GEOTEXTILE FABRIC, APT 1/3" WIDE ALONG HANGING PLATE, SPACE 8 COMPACT MATERIAL 30 RF. LEAVE A GROUT SURFACE THAT IS SUPERIMPOSES EXISTING DRAINAGE.

LOT AREA: SF
PAINT STRIPING: LF
CURB, LAY: LF
ASPHALT GROUT: SF