ADDENDUM NUMBER ONE

The following shall be incorporated into the CONTRACT DOCUMENTS, for the above-referenced PROJECT:

A. Contractor Questions and Responses
B. Revised Notice to Bidders
C. Revised Commencement and Completion of Work
D. Revised Revision of Section 214, Nursery Stock Containers and Unrooted Cuttings

All other terms and conditions of the CONTRACT DOCUMENTS shall remain unchanged. BIDDER must acknowledge receipt of this addendum in the space provided in the BID. Failure to acknowledge receipt of an ADDENDUM may be cause for rejection of the BID.

A. CONTRACTOR QUESTIONS AND RESPONSES

1. Addendum Dates
   There is an error in the final dates for accepting questions and posting addendums on page 55 of the Specifications and pages 1 and 5 of the Pre-Bid Meeting Agenda. All questions shall be directed in writing to the project contacts shown on page 55 of the Specifications no later than 7:00 A.M. on Friday, June 29th, 2018. Final addendums will be posted no later than 12:00 P.M. on Friday, June 29th, 2018.

2. Completion Date
   To provide time for monitoring willow stakes after planting, the completion date shall be changed from October 31, 2018 to November 16, 2018.

3. Willow Stake Installation Period
   To allow sufficient time for monitoring willow stake plantings, the stakes must be planted by no later than October 16, 2018. Stakes must be watered for a period of one month following planting.

4. Question 1: Will tickets be collected for materials measured by the cubic yard?
   Answer: Yes, tickets must be provided for all items as specified in the contract documents. Additionally, COCs and CTRs will be required in accordance with the 2018 Field Materials Manual.

5. Question 2: Can you provide the grant limit for this project?
   Answer: To ensure fairness in bids, the grant limit cannot be provided.

6. Question 3: When do you anticipate the Notice to Proceed?
   Answer: Notice to proceed is anticipated near the end of August.

7. Question 4: Does the 2% DBE requirement include the Force Accounts?
   Answer: No, the 2% DBE does not include the Force Accounts.

8. Question 5: Does the Contractor have the option of installing the riprap in wet conditions or is the riprap required to remain dry during installation?
**Answer:** The riprap must be installed to meet the stability, inspection, testing, and CDPHE permit requirements. Sediment may not leave the project site during installation. Additionally, the filter material and the filter fabric must be properly installed beneath the riprap.

9. **Question 6:** Can you provide the application rate (pounds per acre) for the fertilizer and soil conditioning?
   **Answer:** The fertilizer application rate is to be determined by the contractor based on a soils test performed in accordance with the specifications. The application rate for the HGM is 3500 pounds per acre.

10. **Question 7:** If we choose to bid a very small amount for the construction trailer, would this be considered an unbalanced bid?
    **Answer:** Yes, an unusually low bid amount for the field office will result in the bid being considered unbalanced and will not be allowed.

Prepared By: Devin Traff, P.E.
Staff Engineer
B. REVISED NOTICE TO BIDDERS

NOTICE TO BIDDERS

The proposal guaranty shall be a certified check, cashier's check, or bid bond in the amount of 5 percent (5%) of the Contractor's total bid.

Pursuant to subsections 102.04 and 102.05, it is recommended that bidders on this project review the work site and plan details.

Information regarding the project may be obtained from the following authorized representatives.

Devin Traff, P.E., Staff Engineer
Weld County Public Works Department
1111 H Street
Greeley, CO 80632
Office Phone: 970-304-6496, ext. 3773
Email: dtraff@weldgov.com

Clay Kimmi, P.E., Senior Engineer
Weld County Public Works Department
1111 H Street
Greeley, CO 80632
Office Phone: 970-304-6496, ext. 3741
Email: ckimmi@weldgov.com

The above referenced individuals are the only representatives with authority to provide any information, clarification, or interpretation regarding the plans, specifications, and any other contract documents or requirements.

A mandatory pre-bid conference will be held on June 21, 2018 beginning at 10:00 AM at the Weld County Public Works Front Conference Room. Bids will be accepted only from pre-qualified bidders who attend the mandatory pre-bid conference.

Questions received from bidders along with Weld County responses will be posted on the Weld County web site listed below as they become available.

http://www.co.weld.co.us/Departments/Purchasing/index.html located under Current Request for Bids.

If the bidder has a question or requests clarification that involves the bidder's innovative or proprietary means and methods, phasing, scheduling, or other aspects of construction of the project, the Project Engineer will direct the bidder to contact the Resident Engineer directly to address the question or clarification. The Resident Engineer will keep the bidder's innovation confidential and will not share this information with other bidders.

The Resident Engineer will determine whether questions are innovative or proprietary in nature. If the Resident Engineer determines that a question does not warrant confidentiality, the bidder may withdraw the question. If the bidder withdraws the question, the Resident Engineer will not answer the question and the question will not be documented on the web site. If the bidder does not withdraw the question, the question will be answered, and both the question and answer will be posted on the web site. If the Resident Engineer agrees that a question warrants confidentiality, the Resident Engineer will answer the question, and keep both question and answer confidential. Weld County will keep a record of both question and answer in their confidential file.

All questions shall be directed to the contacts listed above no later than 7:00 A.M. 7:00 A.M. on Friday, June 29th, 2018. Final questions and answers will be posted no later than 12:00 P.M. on Friday, June 29th, 2018.

END OF SECTION
C. REVISED COMMENCEMENT AND COMPLETION OF WORK

COMMENCEMENT AND COMPLETION OF WORK

The Contractor shall commence work under the Contract as required in the "Notice to Proceed" letter and will complete all work on or before November 16, 2018 unless the period for completion is extended otherwise by the County.

Salient features to be shown on the Contractor's Progress Schedule are:

- Construction Surveying
- Mobilization
- Clearing and Grubbing
- Excavation and Embankment
- Riprap Installation
- Trail Construction
- Topsoil
- Permanent Erosion Control Installations

Subsection 108.03 shall include the following:

The Contractor's progress schedule may be a Bar Chart Schedule, and shall be updated weekly. Failure to submit a reasonable schedule as required may result in the County withholding payment to the Contractor.

END OF SECTION
D. REVISION OF SECTION 214
NURSERY STOCK CONTAINERS AND UNROOTED CUTTINGS

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REVISION OF SECTION 214
NURSERY STOCK CONTAINERS AND UNROOTED CUTTINGS

Section 214 of the Standard Specifications is hereby added for this project as follows:

Subsection 214.01 shall be revised to include the following:

This item shall consist of the planting of unrooted cutting stakes (Willow) as required for the bank stabilization. Placement of willow cuttings shall be done by the Contractor as shown on the plans or as directed by the Engineer.

Subsection 214.02(b). Unrooted Cuttings shall be revised as follows:

Unless otherwise authorized, the Contractor shall notify the Engineer at least five working days in advance of the anticipated start of harvesting cuttings. All cuttings shall be harvested from approved parent material. Approval of parent material shall be in writing from the Engineer. This approval will include a detailed description of the approved locations. The Contractor shall select a site, and if outside of the construction boundary, provide written approval from the Owner, when applicable, for access and harvesting the required number of cuttings. The harvesting site shall be left clean and tidy, to the satisfaction of the Engineer and the Owner, when applicable. Unused material including trimmings shall become the property of the Contractor and hauled off the project site prior to project completion.

Unrooted cuttings shall be harvested and planted no later than October 16, 2018. The Engineer may authorize an alternative harvesting and planting timeframe based on project timing. Immediately after cutting, all cuttings shall be placed in water so that the cut ends are covered in water, and the cuttings shall be stored in a cool location. Plants shall be completely submerged in containers with water for at least 72 hours and no more than 14 days. The containers shall be continuously shaded and protected from the wind. Cuttings shall be protected from drying at all times. After planting, cuttings shall be watered thoroughly every day for a period of one month, unless natural soil saturation occurs within 12 inches of soil surface, as verified by the Engineer.

During transportation, the cuttings shall be kept completely submerged in containers with water in orderly fashion to prevent damage and to facilitate handling. Cuttings should be bundled in uniform groups of 25-100 to allow for easy tracking of quantities.

(1) Unrooted Cutting Stakes (Willow). Stakes shall be harvested from Willow Trees approved by the Engineer and approximately 3 feet long and between ½ and ¾ inches in diameter. Stakes shall not be shorter than 2.5 feet in length. All side branches shall be trimmed before cutting the main stem. Cuttings shall be obtained from branches with smooth undamaged bark. Branches with thick, cracked bark shall not be used. Cuttings shall be taken approximately one foot from the ground. Cuts shall be clean, without stripping the bark or splitting the wood. The base cuts shall be at a 45-degree angle to identify the root end of the cutting. The top shall be cut off, with a square cut so that the top of the stake is easily distinguishable from the bottom. If the cuttings are to be planted between April 15th and October 1, then the cut top end shall be dipped into latex paint to seal and reduce desiccation in hot or dry establishment conditions.

(2) Brush Mattress. Willow unrooted cuttings shall be approximately 10-15 feet long and between ½ and 2 inches in diameter. No trimming of side branches is necessary.

(3) Fascines. Unrooted cuttings diameter shall vary and shall be a minimum 5 feet long and between ¼ and 2 inches in diameter. Up to 30 percent of the bundle may be plant material that does not root easily or dead plant material. The remaining 70 percent of the bundle shall consist of younger wood.
between 1 to 4 years old (at a minimum 25 willow cuttings per fascines). Fascines bundles may be stored submersed in water for no longer than two weeks, if necessary.

Subsection 214.03 shall be revised to include the following:

Landscape Maintenance: The Contractor shall be responsible for all landscape maintenance until the Notice of Construction Acceptance has been issued. Included in landscape maintenance is mowing of all seeded areas and the watering of all project installed plant material. All Landscape Maintenance shall be considered subsidiary to the project and there will not be a separate payment.

All work under this item shall be in accordance with Section 214 of the Colorado Department of Transportation Standard Specifications for Road and Bridge Construction, dated 2017 and these specifications. The unit price paid for planting shall include all of the Contractor's costs including all labor, material, and equipment required to install plantings. Any additional damage done by the Contractor shall be repaired or replaced at contractor's expense.

Subsection 214.03(d). Backfilling shall be revised to include the following:

Backfill material shall be topsoil prepared per the Specifications or as directed by the Engineer. Soil conditioner shall be added and thoroughly mixed to the backfill material at the rate provided in the Specifications. Soil conditioners and fertilizers shall conform the Section 212.06 provided in the special provisions of this document.

Subsection 214.06 shall be revised as follows:

The accepted quantities of nursery stock and unrooted cuttings will be paid for at the contract unit price for each of the various items listed below:

Payment for the total cost of the item will be made at the completion of the installation of each item.

Cost of the performance bond shall be included in the cost of the plant items.

Water and materials required to transport, store, plant, and maintain cuttings will not be measured and paid for separately but shall be included in the work. Cleaning or repair of site conditions affected by equipment used by the Contractor for planting operations will not be measured and paid for separately by shall be included in the work. Establishment and maintenance of landscaping during construction will not be measured and paid for separately but shall be included in the work.

Payment will be made under:

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<thead>
<tr>
<th>Pay Item</th>
<th>Pay Unit</th>
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<tr>
<td>Unrooted Cutting Stakes (Willow)</td>
<td>Each</td>
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END OF SECTION