

# ADDENDUM #1

**PROJECT:** Phase I Uncompahgre River Improvements Design-Build  
**BID NO:** 19-013  
**FROM:** Scott Murphy  
**DATE:** April 20, 2019

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## Questions and Answers

1. *Does the City have a plan holders list or pre-bid sign-in sheet for this project?*

**Answer:** No. The City does not maintain a plan holders list and there was not a pre-bid meeting for this project so neither of these are available for this project.

2. *Is there a bid form for this project?*

**Answer:** No. This request is for qualifications only so pricing does not need to be provided at this time.

3. *What type of boulders and rip rap do you plan to use for this project?*

**Answer:** The rip rap and boulder spec have not been fully developed yet and would be fine-tuned as part of the design-build process; however, as a starting point it is likely we would use the attached spec.

## Clarifications and Additions

1. None this addendum

## Plan Revisions

1. None this addendum.

## Acknowledgement in Receipt of Addendum

FIRM NAME: \_\_\_\_\_

BY:(Printed) \_\_\_\_\_

BY:(Signature) \_\_\_\_\_ TITLE: \_\_\_\_\_

Note: A signed acknowledgement in receipt of this addendum **MUST** be included with your bid proposal.

**REVISION OF SECTION 506  
RIPRAP**

Section 506 of the 2017 CDOT Standard Specifications is hereby revised for this project as follows:

Delete Subsection 506.02 *Materials*, and replace with the following:

Riprap and stacked boulder slope stabilization stone shall consist of hard, dense, durable stone resistant to weathering without significant fractures or friable materials. Rounded stone or boulders shall not be used as rip-rap or rock wall material.

Material used for riprap and boulder slope stabilization shall be approved by the engineer based on visual inspection at the source and laboratory results furnished by the contractor. The contractor shall furnish laboratory results indicating that the material meets the requirements set forth in Table 506-1.

**Table 506-1**

Test Description	Test Method	Specification Requirement
Bulk Specific Gravity	AASHTO T85-08	2.3 Min
Absorption	AASHTO T85-08	3% Max
Los Angeles Abrasion	AASHTO T96	60% Loss Max
Sodium Sulfate Soundness	ASTM C88	10% Loss Max

Stacked boulder slope stabilization shall be of the general dimensions specified on the plans.

D<sub>50</sub> = 18 inch riprap shall be angular and conform to the gradation limits provided in Table 506-2.

**Table 506-2**

Stone Dimension <sup>(a)</sup>	% Passing
30"	100%
24"	50% to 70%
18"	35% to 50%
6"	2% to 10%

Notes:

(a) Equivalent spherical diameter

8-inch minus rock mulch shall be angular and conform to the gradation limits provided in Table 506-3.

**Table 506-3**

Sieve Size	% Passing
8"	100%
4"	30% to 70%
2"	15% max
1"	5% max