

ADDENDUM NO. 1

CITY OF ROCHESTER, NH

**REPAIRS OF THE FOUR ROD ROAD CULVERT
(BRIDGE NO. 114/046)**

This Addendum forms part of the Contract Documents and modifies the original Drawings and Specifications dated July 2020. This Addendum consists of 6 pages including; ADDM-1 through ADDM-2 of modifications to the contract documents, the Pre-Bid Meeting Notes (Pages 1 through 3), and the Pre-Bid Meeting sign-in sheet.

Bidders shall acknowledge receipt of this addendum by writing the words "Addendum No. 1" on the line provided for such on page 00410-1 of the Bid Form. Failure to do so may disqualify the bidder and their bid.

GENERAL CLARIFICATIONS

1. The Pre-Bid meeting was held on Thursday, July 30, 2020. The Pre-Bid Meeting Notes and attendance list are enclosed with this addendum. The following question was received during the pre-bid meeting, which is repeated below with response in *italics*.

Question #1: Is a Licensed Land Surveyor necessary to layout the easement limits?

A Licensed Land Surveyor is not necessary to layout the easement limits for this project; which is a deviation from Specifications Section 01039.1.4.I. The Contractor will be responsible to layout the limits of easements and City's ROW within the project limits prior to commencement of construction and adhere to Section 01039.1.4.I requirements 1 through 3. A Professional Engineer licensed in the State of NH shall provide documentation that the City's ROW and easements have been laid out in accordance with the contract documents.

2. The following question was received outside of the pre-bid meeting, which has been repeated below with response in *italics*.

Question #1: Can GeoCast Geopolymer Mortar by Standard Cement Materials, Inc. be added to the approved material list for the project?

GeoCast Geopolymer Mortar meets the intent of the Special Provision for Item 520.99 Geopolymer Liner, and is an approved equivalent to the materials listed in the Special Provision.

3. For clarification, geopolymer materials equivalent to those listed in the Special Provision for Item 520.99 may be approved provided that the equivalent material is aluminum and silica based. The equivalent material may contain reinforcing fibers and other additives to provide the mortar with structural properties and an adherence capability to bond to itself and the interior pipe surface. The equivalent material shall be a high strength, high build, abrasion resistance and corrosion resistant mortar. Cementitious hybrid geopolymer materials are not considered acceptable equivalent materials. Please refer to Special Provision for Item 520.99 for additional information, and specifically Section 3.4 for the submittals required prior to the commencement of construction.

PREBID MEETING NOTES

Project Name: Repairs of the Four Rod Road Culvert

Hoyle, Tanner Project No. 903908.08

City Project No.: Bid 21-12

Date of Conference: Thursday, July 30, 2020 @ 9:00 AM

Location: Four Rod Road Project Site

1. INTRODUCTIONS & SIGN-IN SHEET

2. SCOPE OF PROJECT

a. Discussion:

The Project consists of repairing a 10'-8" span by 6'-11" rise corrugated metal plate (CMP) culvert by constructing a geopolymer liner within the inside of the culvert. The Project also consists of installing riprap upstream and downstream of the culvert.

b. NHDES Permit: 2019-03850:

- i. Permit is contingent upon payment of ARM Fund impact fee by the City to NHDES; payment is being process now.
- ii. Contract dates have been assumed based on when the City pays the ARM Fund impact fee to NHDES.
- iii. Work to be completed during low flows.
 - a. Baxter Lake dam is located immediately upstream; Hoyle, Tanner will begin coordination with dam owner to lower lake prior to Contractor taking site; however, the Contractor shall assume coordination upon notice of award.

3. BIDDING REQUIREMENTS

- a. Bid Documents available from City of Rochester; see Invitation to Bid for instructions
- b. Bidders, or Bidder's geopolymer lining subcontractor, must have a minimum of five years' experience with installation of geopolymer material, and must provide a list of at least three similar projects completed in the last three years with contact information for the Owner or Engineer for each project.
- c. Documents submitted with Bid
 - i. Bid Guarantee – Section 00430 5% of Bid Amount
 - ii. Bid Form – Must use form included in contract documents
- d. Bids due August 20, 2020 at 12:30 PM to RFP21-12@rochesternhnet.onmicrosoft.com. Include in email subject line "Bid 21-12 Four Rod Rd Culvert Rehab". Bid opening will be August 20, 2020 at 2:45 PM, and will be conducted virtually; link included in the Invitation to Bid.

4. CONTRACT REQUIREMENTS

- a. Bonds
 - i. Payment for 100% of contract amount
 - ii. Performance for 100% of contract amount
 - iii. No retainage in Contract
- b. Insurance
 - i. Levels of Coverage (Section 00800 Supplementary Conditions, Article 6)
 - a. City of Rochester and Hoyle, Tanner shall be listed as additional insured.
 - ii. Builder's Risk Property Insurance

5. SPECIAL REQUIREMENTS / CONDITIONS

- a. Funding
 - i. City-funded
- b. No DBE compliance requirements
- c. No Certified Payroll
- d. All proposed work will be constructed within the existing ROW and easements shown on the plans. These areas shall be laid out prior to the start of work. The requirement to have a licensed Land Surveyor locate the ROW and easements was discussed and is modified via the addendum. The intent is to visually locate the limits of the easements and ROW to confirm that there will be no impacts beyond these limits.
- e. Work Hours 7 am to 7 pm Monday through Friday unless otherwise permitted by the City.

6. TRAFFIC CONTROL

- a. Four Rod Road will remain open to traffic during construction. Traffic may be maintained via one lane of alternating two way traffic during normal working hours (7:00 am to 7:00 pm, Monday thru Friday). The road shall be opened to two lanes of traffic at the end of each work day.

7. UTILITIES

- a. Overhead utilities are present within the project site. No utility coordination has been completed to date. It is not anticipated that relocation, shielding, or disconnection of power will be necessary.

8. CONSTRUCTION SCHEDULE

- a. Contract Times:

- i. Anticipated Notice to Award: August 30, 2020
- ii. Anticipated Notice to Proceed Date: September 7, 2020
- iii. Contractor Take Site: September 7, 2020
- iv. Substantial Completion: October 5, 2020
- v. Final Completion: October 12, 2020

b. Liquidated Damages are included at \$500/day for each day after the substantial completion and \$500/day after final completion. Refer to Section 00520, Paragraph 4.03.

9. ADDENDUM

- a. All questions must be submitted in writing by C.O.B. on Friday, August 7, 2020.
- b. Addendum, if necessary, will be issued by C.O.B. on Thursday, August 13, 2020.
- c. The Addendum will be posted on the City of Rochester's website.
- d. Acknowledgement is required by noting the Addendum on Article 3 of the Bid Form.

10. OTHER

- a. Deviations from NHDOT Standard Specifications
 - i. Item 500 Access for Bridge Construction
 - 1. Design, construction, maintenance, and removal of temporary access to the culvert; including, storage and staging areas, and temporary access paths (stone fill and geotextile)
 - ii. Item 520.99 Geopolymer Lining
 - 1. Two products listed in the Special Provision
 - a. An approved equivalent material will be acceptable with Engineer's approval; must meet requirements of the Special Provision
 - b. Submittals: calculations, load rating, and working drawings

11. QUESTIONS

**PRE-BID OPENING ATTENDANCE LIST FOR
Repair of the Four Rod Road Culvert (Bid 21-12)
City of Rochester, NH**

Location: Four Rod Road project site
Date: Thursday, July 30, 2020 at 9:00 AM

Hoyle, Tanner Project No.: 903908.08

NAME	COMPANY	TELEPHONE	FAX	E-MAIL
Aaron Lachance, PE	Hoyle, Tanner & Assoc., Inc.	(603) 431-2520 Ext. 23	(603) 431-8037	alachance@hoyletanner.com
Jillian Semprini, PE	Hoyle, Tanner & Assoc., Inc.	(603) 431-2520 Ext. 28	(603) 431-8037	jsemprini@hoyletanner.com
Michael Bezanson, PE	City of Rochester, City Engineer	(603)-332-4096		michael.bezanson@rochesternh.net
Jason deWildt	SUR	(603) 332-4554	(603) 335-5189	jdewildt@surconstruction.com
Matt Bronish	Ted Berry Company	(207) 320-3586		Matt.bronish@tedberrycompany.com