

**ADDENDUM NO. 1
MARANACOOK LAKE OUTLET DAM MODIFICATIONS
TOWNS OF READFIELD AND WINTHROP, MAINE**

June 25, 2018

ISSUED FROM: GEI Consultants, Inc
400 Unicorn Park
Woburn, MA 01801

ISSUE DATE: June 25, 2018

BID DATE: June 29, 2018

This Addendum No. 1 forms a part of the contract documents and clarifies the revised documents as stated herein and shall supplement, amend and become part of the bid documents, plans, and specifications. All bids and construction contracts shall be based on these modifications to the original contract documents and preceding addenda. This addendum must be acknowledged in the space provided in the bid form. Failure to acknowledge shall subject the Bidder to disqualification.

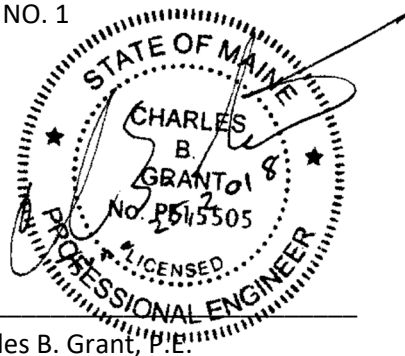
This addendum consists of 9 pages, including this cover page and attachments.

The following items reflect clarification and/or changes to the contract documents for this project.

SPECIFICATIONS:

- ADD:** Responses to Bidder Questions (5 pages)
- ADD:** Pre-Bid meeting attendee list (1 page)
- ADD:** Town of Winthrop Road Openings Policy (2 pages)

END OF ADDENDUM NO. 1



SIGNED:

Charles B. Grant, P.E.

Responses to Bidder Questions asked Verbally at Pre-Bid Conference

1. Question: How will the Towns evaluate the bids with respect to the gate house alternatives?

Answer: The Towns will evaluate bids with respect to the Total Bid Price for Bid Items 1 through 17, i.e., excluding Item 18, the gate house Alternate. Bidders are required to submit a price for Item 18, and the Towns will decide whether or not to opt for the Alternate after selecting the successful bidder.

2. Question: What are the specifications for cleaning of rock before placement of concrete?

Answer: Revise Specifications Section 03 31 00 3.8.A to read as follows:

General: Rock surfaces shall be cleaned of all soil, mud, foreign matter, and loose pieces of rock. Isolated particles of gravel smaller than 1/2 inch in maximum dimension may remain. Cleaning may be by high-pressure water, sweeping, vacuuming, or any other method that achieves satisfactory results. Surfaces shall be thoroughly wetted by sprinkling prior to the placing of any concrete, and these surfaces shall be kept moist by frequent sprinkling up to the time of placing concrete thereon. The surface shall be free from standing water at the time of placing concrete.

3. Question: Please clarify the specification for grout for rock dowels and anchors. Is the grout to be neat as shown on Dwg. S-07 or Five-Star Special Grout 400 as called for in the Specifications?

Answer: Where "4,000 psi Neat Cement Grout" is called out on Dwg. S-07, revise to read, "4,000 psi Cement Grout."

4. Question: Is a colloidal grout mixer required for this project?

Answer: Revise Specifications Section 31 68 13 2.2.B.1.a to read as follows:

The grout mixer shall be a colloidal or high-speed shear type grout mixer capable of continuous mechanical mixing that will produce uniform and thoroughly mixed grout which is free of lumps and undispersed cement.

5. Question: What are the requirements for electrical service installation to the abutter residence?

Answer: See answers to Questions No. 11, 12, & 13, below.

6. Question: What are the Town of Winthrop requirements for installation of underground electrical service through Bowdoin Street (road cut permits, etc.)?

Answer: Please see attached Town of Winthrop Road Openings Policy.

7. Question: What locations are available for parking of contractor vehicles and equipment?

Answer: The contractor will have to seek out private space for vehicle and equipment parking.

8. Question: Where is the boundary line for the Town's ROW on the south side of the stream?

Answer: Refer to Attachment C of the Contract Specifications. (The applicable pages are pp. 141-143 of the PDF file.)

9. Question: Are there any provisions for stoplogs, stanchions, or other means of bulkheading the gate for repair?

Answer: Two sleeves for maintenance stanchions upstream of the gate were considered during design but were rejected. No provisions for stoplogs or stanchions are part of this work.

Responses to Bidder Questions submitted in Writing

10. Question: Note 2. on DWG No. 16-1664-405R of the Obermeyer Control Room Layout states all Lines into and out of the Cabinets and Panels must be Braided Stainless Steel Flex Hose for a Minimum of 12" from the Panel. Is this for both electrical and plumbing - or plumbing only?

Answer: Plumbing only.

11. Question: On drawing S-04 there is an underground electric line shown going to the abutters residence. We will need to know the distance to the house and also if it is a 100A or 200A service.

Answer: Scale distance from Drawings. Existing service enters at northwest corner of residence. Service is 100A and is to be replaced with equal.

12. Question: Can Schedule 40 PVC pipe be used for the previously mentioned underground portion or the electrical entrance from the existing pole to new services?

Answer: Add Specifications Section 26 05 00 2.5, as follows:

2.5 RIGID NONMETALLIC CONDUIT

- A. Rigid nonmetallic conduit may be used for underground service where not otherwise prohibited by Code or local utility requirements.
- B. Rigid nonmetallic conduit and fittings that comply with NEMA TC 2 and NEMA TC 3, and shall have a wall thickness not less than Schedule 40.

13. Question: How are these services being metered? We are assuming there will need to be a new meter enclosure installed at both the existing house and new gate building, but none are shown in the drawings.

Answer: Separate meters are required at both the gate house and the residence.

14. Question: Please note General Conditions Article 5, C. Indicates that Contractor shall carry employer's liability limits of \$2,000,000 each accident / \$2,000,000 aggregate. Please confirm if Umbrella Liability maybe be used to supplement contractor's employer's liability limits to achieve the limits required.

Answer: Umbrella Liability may not be used to supplement specific liability limits.

15. Question: Please note drawing S-04; there is a note on drawing S-04 which states 'removed trees to be replicated in this area'. It was apparent at the walkthrough, that the trees were removed by others, and it was specifically noted that the stumps need to be removed. Is the intention of the note such that the contractor is responsible for planting trees to replace these that are removed, and if so, please provide the quantity, species and size of trees. Additionally, please advise as to which bid item shall be used to cover this scope of work.

Answer: Replanting of trees on the north side of the site will be the responsibility of the abutting landowner and is not part of the Contractor's scope of work.

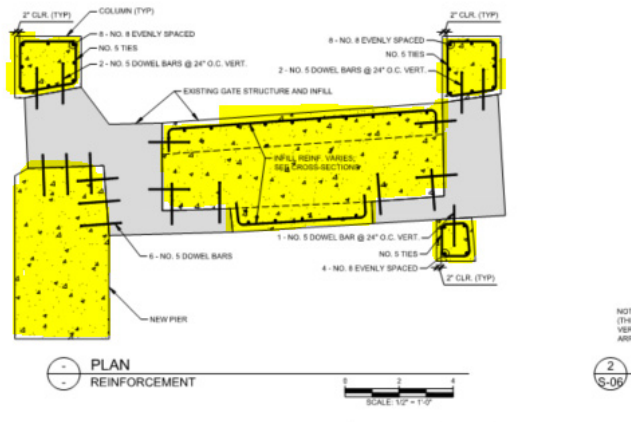
16. Question: Please note drawing S-04; Per both the typical and critical sections, and the plan view along the top of the bank adjacent to the neighboring residence, it is noted that a new brick paver path is required, extents by owner. Please provide the width and length of the path, as well as the size, color and pattern of the required pavers. Additionally, please advise as to which bid item shall be used to cover this scope of work.

Answer: The brick paver path, including paver base, filter fabric, and bedding stone above El. 218, will be the responsibility of the abutting landowner and is not part of the Contractor's scope of work. The Contractor will install the rip-rap with bedding stone only up to El. 218. (Cutting back of the slope above El. 218 may be required incidental to placement of rip-rap and bedding stone.)

17. Question: Please note page 2 of the Instructions to Bidders, Section 4 Site Location and Work to be done; it is noted in this section, that the city has an access agreement and a right-of-way from the adjacent property owners, with 'details of the access agreement and right-of-way will be provided in a future addendum'. Please provide these agreements for our review.

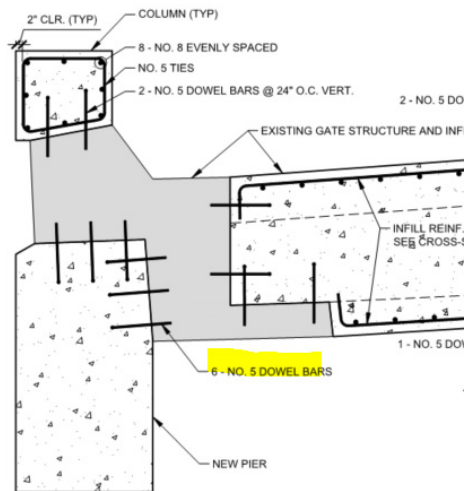
Answer: Delete the sentence beginning, "Details of the access agreement..." from the Instructions to Bidders, Section 4. Refer to Attachment C of the Contract Specifications. (The applicable pages are pp. 141-143 of the PDF file.)

18. Question: Please provide dimensions for the piers and/or columns associated with the gate house as shown in plan view on S-08:



Answer: Dimensions are fixed by existing gate structure and new gate house slab, as shown in Plan view on Dwg. S-06, and can be scaled from this figure.

19. Question: Please confirm that the total quantity of #5 concrete dowels, for the new left abutment/pier to existing structure, is 6 as shown:



Answer: Confirmed. Quantity is six (6) dowels every 2 feet of height.

20. Question: Please note Article 7 of the Bid Form, specifically part G, found on pages 4 and 5 as follows:

time for acceptance of Bids;

G. Required Bidder Qualification Statement with Supporting Data; and

ARTICLE 8 – DEFINED TERMS

Please advise as to the location of the qualification statement, as we could not locate it within the bid documents.

Answer: Delete Item G from the Bid Form; it is not required.

21. Question: What size is the abutting properties service and is it to end at a backboard with a meter disconnect?

Answer: 100A service with exterior master switch.

22. Question: Where is the meter located at the new gate house? Is it to be mounted on the gate house or is it to be mounted on a backboard remote of the gate house?

Answer: Mount gate house meter on north exterior wall of gate house.

23. Question: Is trenching across Bowdoin St. allowed for installation of the underground conduit or is directional boring required?

Answer: No. Please see attached Town of Winthrop Road Openings Policy.

24. Question: Is underground conduit required to be concrete encased? If so, to what limits?

Answer: Concrete encasement is not required by the project specifications. However, local electric utility specifications may be more restrictive; bidder to confirm.

2018 Maranacook Lake Outlet Dam Modification

Attendees Mandatory Pre-Bid Conference June 14, 2018

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Town Council Adopted May 3, 1999

Town of Winthrop

Road Openings Policy

I. Permit Required

A. No opening in any street or sidewalk shall be made before first obtaining a street-opening permit from the Road Commissioner or Town Manager. All permits will be issued in accordance with the provisions of MRSA Title 23 Sections 2701-3707. In the case of an emergency situation involving a utility, the utility may excavate without an opening permit. However, the utility shall be responsible for obtaining an opening permit as soon as possible after the emergency and, in any case, before the excavation is permanently backfilled.

B. Winter permits: No street-opening permit will be issued from December 1 of each year to March 15 of the following year, except in an extreme emergency as determined by the Road Commissioner or Town Manager.

C. The applicant will be responsible for traffic control: signs, flag persons where applicable and shall conform to the latest edition of the "Manual on Uniform Traffic Control Devices"(MUTCD). If the street is to be impassable, all agencies shall be notified in writing (police, fire and ambulance). The applicant shall be required to meet all OSHA Safety Requirements, including those regarding depth of trench and shoring.

II. Notice to Owners to Connect

A. Whenever the paving or repairing of any street or public highway shall have been ordered by the Town the Town Manager or a person designated by the Manager, shall duly serve upon owners of property abutting on such street or highway and upon all corporations, persons, firms and bridge or water districts occupying such street or highway a notice directing such owners, corporations, persons, firms and bridge or water districts to make such sewer, water and conduit connections or other work as may be designated, within 60 days from date of such notice. At the expiration of the time fixed and after such street has been pave or repaired, no permit shall be granted to open such street for a period of 5 years, except in the event of an emergency as determined by the Town Manager.

B. In the event an emergency permit is issued, the applicant shall be responsible for repairing the entire width of the road, and is long enough to allow for machine placed surface pavement.

III. Backfilling Procedure

A. Whenever a permit has been issued for a street opening and the excavation has been made, the trench opening shall be backfilled with the same material that was removed from the trench to within 15 (fifteen) inches of existing pavement, except as may be hereinafter provided. The bottom twelve (12) inches of the trench shall be filled with 3 inch minus gravel. The top 3 inches of the trench shall be 1 ½ minus crushed gravel. If a permit is issued during the wintertime and the excavated material freezes, this frozen material shall not be replaced in the trench but shall be removed. The excavated area is to be backfilled with an unfrozen material similar to that removed to within (fifteen) 15) inches of the surface. If the material excavated contains too much moisture for proper compaction, it shall be removed and replaced with suitable backfill material. Compaction shall be in 12 inch lifts.

IV. Surface Pavement

A. On all streets where a permanent pavement has been built, the permanent surface shall be replaced after the trench has been properly backfilled, except that when openings are authorized after November 1 and before April 1 of the next year, a temporary surface of premixed bituminous material shall be used, and this temporary patch shall remain until the following construction year when the permanent surface shall be placed. On all other streets, the trench shall be patched with premixed bituminous material as soon as the backfilling has been completed, and the joints between the old and new material shall be sealed to prevent surface water from penetrating through the joint. In all cases, whenever or wherever a street opening has been made in any road, street or sidewalk having a permanent or semi-permanent surface, the edges of the pavement shall be squared up before the permanent patch is made.

B. If the work replacing any of the backfill and /or the pavement surface of an excavation proves unsatisfactory within two years from the time of excavation, the patch shall be corrected by the Town at the applicant's expense.

V. Penalties

A. Any person, firm or corporation violating the provisions of the policy shall be subject to fines of no more than \$100 for each offense. Any person, firm or corporation who shall fail to comply with the terms and conditions of the policy shall be denied future permits.