



ADDENDUM NO. 1

SMITHS FALLS HYDROELECTRIC PROJECT

**Stowe Electric Department
Stowe, Vermont**

SLR #146.V17412.00001

**Original Bid Package Issued December 15, 2025
Addendum No. 1 Issued January 9, 2026**

This Addendum No. 1 includes clarifications and modifications to the above-referenced bid package. Changes reflected herein shall supersede all previous bid package documentation.

A. USDA FUNDING REQUIREMENTS

The contractor and any subcontractor shall meet the prevailing wage requirements pursuant to the Davis Bacon Act. For the purposes of this bid this can be understood as,

any laborers, truck drivers (move materials within or off site), flaggers, working foreman (20% of their time spent working on the Project as a qualified worker), mechanics, surveyors (primarily perform manual work on the Project) employed on the Project or any contractor or subcontractor hired to complete construction, demolition, alteration, or repair activities on the Project and for any portion of a taxable year spent working on the Project shall receive wages at rates not less than the prevailing rates for construction, alteration, or repair of a similar character in Lamoille County,

and must meet Copeland Anti-Kickback Act provisions.

B. PRE-BID MEETING – RESPONSE TO QUESTIONS

A mandatory Pre-Bid Meeting was held at the project site on January 6, 2026. The sign in sheet is provided as Attachment A. The following questions were noted during the meeting. Responses and clarifications have been provided below. Changes reflected herein shall supersede all previous bid package documentation.

- Q1. Were borings or geotechnical analysis performed?**
 - R1. Borings have not been performed at the site. A geotechnical assessment and analysis, including design calculations, have been prepared. The geotechnical assessment and analysis is provided as Attachment B.
- Q2. Is the existing intake slide gate functional?**
 - R2. No, the existing slide gate is damaged and currently non-operational. Additionally, sediment has accumulated behind the slide gate due to lack of operation and maintenance.
- Q3. Are there additional pictures of the site, dam, and mill foundation available to the interested bidders?**
 - R3. Yes, additional electronic photos of the features that are part of the project will be made available to interested bidders. In addition, a photographic log of the dam has been provided as Attachment C.

Q4. Are there results available from the testing of the impoundment sediment?

R4. Yes, see Attachment D for sediment testing results.

Q5. Are elevations of the sediment upstream of the dam available?

R5. Yes, elevation data for the top of sediment upstream of the dam is available and will be provided in a subsequent addendum.

Q6. Has the mill building been tested for hazardous materials?

R6. Documentation related to asbestos inspection and testing is provided in Attachment E.

Q7. Are weights of the CHC components available?

R7. Weights and bill of materials will be provided in a subsequent addendum.

Q8. What testing of the hydroelectric components will be required?

R8. More information related to the testing requirements for the hydroelectric components will be provided in a subsequent addendum.

Q9. Are weights of the Obermeyer components available?

R9. Weights and bill of materials will be provided in a subsequent addendum.

Q10. Has the routing of the compressed air line been shown on the plans?

R10. Yes, the anticipated routing of the compressed air is shown on Sheet SP-02.

Q11. Can a list of owner-supplied components be provided?

R11. The owner-supplied components include the CHC hydroelectric package and the Obermeyer spillway gate. Refer to Section 26 32 19 – Hydroelectric Turbine and Generator and Section 35 22 13 – Spillway Gates of the Technical Specifications for more information related to these owner-supplied components.

In addition, the owner will be responsible for supplying and installing the new transformer, including the concrete pad and vault.

The owner will supply and install door locks, WIFI components, and data cables for the powerhouse. Security cameras and all associated components will be supplied and installed by the owner's vendor.

The galvanized staircase included as part of the river access will be supplied by the owner, and all installation provided by the owner's vendor including setting the staircase and connections.

Q12. Are the delivery dates for the owner-supplied components available to the bidders?

R12. Delivery to the site will be coordinated between the Contractor and supplier of the components to ensure that components arrive on site when needed.

Q13. Are the specifications for the intake and low-level slide gates available? Will alternative slide gate manufactures be accepted?

R13. Specifications and an American-made alternative product for the slide gates will be provided as part of a subsequent addendum. Alternative products that meet the specifications will be considered upon review and approval by the Project Engineer.



Slide gate products shall meet IRS Domestic Content requirements.
(<https://www.irs.gov/credits-deductions/domestic-content-bonus-credit>)

Q14. Will all new concrete require coloring or staining? Or just the west foundation wall of the historic mill?

R14. Concrete coloring requirements shall apply to the west foundation wall. In addition, the historic intake structure on the east end of the mill building foundation that will be repaired will be tinted to visually blend in with the historic concrete and will follow the NPS guidelines for restoring historic concrete set forth in Preservation Brief 15: Preservation of Historic Concrete.

The concrete for the new sluiceway will match the color of the early twentieth century concrete on site as closely as possible to ensure that the new concrete blends visually with the existing concrete and does not stand out as new material.

The proposed work for the west foundation wall is informed by the NPS's "Guidelines on Flood Adaptation for Rehabilitating Historic Buildings" (November 2019).

Repairs will be in-kind to the west wall and where there is mortar the guidelines set forth in NPS's Preservation Brief 2: Repointing Mortar Joints in Historic Masonry Buildings will be followed.

Q15. Will a unit bid price (per square foot) for stone masonry repairs be added to the bid form rather than including in the lump sum bid for the mill foundation repairs?

R15. Yes, an updated Bid Form will be provided in a subsequent addendum.

Q16. Can the work limits for the mill foundation repairs be verified?

R16. The areas where repairs to the mill foundation will be performed are outlined in a bold dashed line on Sheets STR-11 and STR-12. Any issues with the foundation noted outside of the bold dashed line are not to be included in the repairs.

Q17. Where will the concrete repair procedures (shown on Sheet STR-08) to be applied? Do the details and procedures provided apply to the mill foundation repairs?

R217. These details only apply to Sheet STR-08 and the locations specified, and do not apply to the Mill foundation. Additional information related to the Mill Foundation repairs is provided in Section C that follows.

Q18. What testing is required for the cast-in-place concrete? For the rock anchors?

R18. Cast-in-place concrete shall be tested each pour, including:

- Air, Slump, Temperature and 4-cylinder breaks (7-, 14-, 28-, and 56-day)
Rock Anchors

Additional information related to rock anchor testing requirements is provided in Section C that follows.

Q19. Will an Engineers Cost Opinion or Budget be provided to the bidders?

R19. The engineer's estimate is \$2.8MM.



C. RESPONSE TO BIDDER QUESTIONS

The following is a list of questions and requests for information that were submitted in writing by interested bidders that attended the Pre-Bid Meeting.

Q1. Please note page 12 of the Request for bid manual, specifically regarding prevailing wage requirements as follows?

18. Prevailing Wage Requirements

The prevailing wage requirements under the Davis Bacon Act are applicable to this request for bids and contract. SED retains the authority to determine whether the bidder awarded the contract provides wages paid and benefits to employees and subcontractors consistent with either the current Davis Bacon Wage and Fringe Benefits rates as set by the U.S. Department of Labor or current Vermont State Construction Prevailing Wage Rate Schedule. Certified payrolls, from both the General Contractor and any Subcontractors, must be submitted to the General Manager on a weekly basis.

This requirement lists different rates as set by either the US Department of Labor or current Vermont State Prevailing Wage Rate Schedule. We have attached the following to this list of questions, for review and a determination on which rate listing shall be used for this project:

- 1. General Decision Number: VT20250024 12-12-25; Building Construction (6 pages).**
- 2. General Decision Number: VT20250026 12-12-25; Heavy Construction (6 pages).**
- 3. Vermont Department of Labor – Vermont State Construction Prevailing Wage Rate Schedule 2025 (8 pages).**

Please clarify which set of wage determination or schedule shall be used for this project.

R1. The Smiths Falls Hydroelectric Project is expected to fall under General Decision Number VT20250026 12-12-25 - Heavy Construction requirements, see below for more information.

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	. Executive Order 14026 generally applies to the contract. . The contractor must pay all covered workers at least \$17.75 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2025.
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	Rates	Fringes
IRONWORKER, REINFORCING.....	\$ 33.65	26.12

LABO0668-004 12/01/2023

	Rates	Fringes
LABORER (COMMON OR GENERAL).....	\$ 25.40	21.43

LABO0668-005 12/01/2023

	Rates	Fringes
LABORER (PIPELAYER).....	\$ 25.40	21.43

* SUVT2017-005 08/06/2019

	Rates	Fringes
CARPENTER, Includes Form Work....	\$ 22.54	12.82
ELECTRICIAN.....	\$ 24.13	11.96
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 22.15	2.79
OPERATOR: Loader.....	\$ 21.36	0.00
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 23.33	0.00
OPERATOR: Roller.....	\$ 21.26	0.00
TRAFFIC CONTROL: Flagger.....	\$ 14.85 **	0.29
TRUCK DRIVER: Dump Truck.....	\$ 18.43	0.00

WELDERS - Receive rate prescribed for craft performing
operation to which welding is incidental.



Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

Q2. Please reference SED General Conditions and Contract Requirements, page 4:

ASSIGNMENT AND SUBCONTRACTING

Contract is binding upon and insures to the benefit of the heirs, successors and assigns of the parties hereto. Contractor shall not enter into any subcontract for performance of any services contemplated under this Contract nor assign any interest in the Contract to another party.

There are certain aspects to this project which will require subcontracting and other vendor procurement, per the requirements of the scope. Will the owner allow the contractor to subcontract these portions of the work?

R2. The "Assignment and Subcontracting" paragraph noted above shall be omitted from the bid documents. See below for contract conditions related to assignment and subcontracting and Attachment F for the full USDA RUS Contract document.



Section 7. Nonassignment of Contract. *The Bidder shall perform directly and without subcontracting not less than twenty-five percent (25%) of the construction of the project, to be calculated on the basis of the total Contract price. The Bidder shall not assign the Contract effected by an acceptance of this Proposal or any interest in any funds that may be due or become due hereunder or enter into any contract with any person, firm or corporation for the performance of the Bidder's obligations hereunder or any part thereof, without the approval in writing of the Owner and of the Surety or Sureties, if any, on any bond furnished by the Bidder for the faithful performance of the Bidder's obligations hereunder. If the Bidder, with the consent of the Owner and any Surety or Sureties on the Contractor's Bond or Bonds, shall enter into a subcontract with any subcontractor for the performance of any part of this Contract, the Bidder shall be as fully responsible to the Owner and the Government for the acts and omissions of such subcontractor and of persons employed by such subcontractor as the Bidder would be for its own acts and omissions and those of persons directly employed by it.*

Section 8. Successors and Assigns. *Each and all of the covenants and agreements herein contained shall extend to and be binding upon the successors and assigns of the parties hereto. The Owner and Bidder acknowledge that this Contract is assigned to the Government, acting through the Administrator, for security purposes under the Owner's mortgage and security instrument.*

Section 9. Independent Contractor. *The Bidder shall perform the work as an independent contractor, not as a subcontractor, agent, or employee of the Owner. Upon acceptance of this Proposal, the successful Bidder shall be the Contractor and all references in the Proposal to the Bidder shall apply to the Contractor.*

- Q3.** Please confirm that the owner has pre-purchased the hydroelectric turbine and generator from Canadian Hydro Components. Additionally, please provide the following supplemental information:
- a. The bill of materials for all components (specifically the draft tube fabrications, the generator frame, the runner and the generator).
 - b. Delivery dates for all components.
 - c. Estimated weights for all components.
- R3.** The information requested above shall be provided in a subsequent addendum.
- Q4.** Please confirm that the owner has pre-purchased the spillway crest gates from Obermeyer Hydro, Inc. Additionally, please provide the following supplemental information:
- a. The bill of materials for all components.
 - b. Delivery dates for all components.
 - c. Estimated weights for all components.
- R4.** The information requested above shall be provided in a subsequent addendum.
- Q5.** Please provide a specification section for the Fontaine Aquanox slide gates as shown at the intake and the low-level outlet at the dam.
- R5.** Refer to the response for Question #13 in Section B for more information.
- Q6.** The drawings, specifically PR-02 indicate various areas where uncontaminated sediment needs to be removed, upstream of the dam, the existing mill intake and the existing sluiceway. We are unable to determine the number of materials that need to be removed, however. Would the owner provide an estimated quantity or provide an allowance so that all bidders are carrying the same assumption?



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- R6.** Question noted, additional information related to the sediment will be provided in a subsequent addendum.
- Q7. Please note the trashrack details as shown on STR-04 and STR-05, and provide the following:**
- a. Provide connection details for the SS frame to the intake base slab, intake walls and intake deck.**
 - b. Confirm the size of trash rack bars (1/4"x 1/4"), the material and the connection details to the frame.**
- R7.** Comment noted, additional information will be provided in a subsequent addendum.
- Q8. Who is responsible for providing a baseline layout for the new structures, intake, sluiceway, powerhouse, tailrace and the dam?**
- R8.** Additional information in response to this question will be provided in a subsequent addendum.
- Q9. Please provide a specification for the tinted or stained concrete, per note 3 on PR-01.**
- R9. A specification for the tinted concrete is provided in the Technical Specifications, see Section 03 36 00 – Integral Colored Concrete.
- Q10. Please advise if a geotechnical survey or borings are available.**
- R10. A geotechnical assessment and analysis was performed during dam rehabilitation design, and is provided as Attachment B.
- Q11. Please provide framing, grating and connection details for the 7'-6" x 8'-8" opening in the new sluiceway, as shown on STR-01.**
- R11.** Additional information in response to this question will be provided in a subsequent addendum.
- Q12. Please provide framing, grating and connection details for the grated opening in the new sluiceway, as shown on STR-04.**
- R12.** Additional information in response to this question will be provided in a subsequent addendum.
- Q13. The W8x35 beams that support the powerhouse slab, are shown to sit in a beam seat in the foundation wall. Is there any additional support, anchoring or other that is required for these beams? Additionally, what is the material and/or coating for these beams?**
- R13.** Additional information in response to this question will be provided in a subsequent addendum.
- Q14. Drawing RM-01, titled Removals and Invasive Species plan provides an overview of the site, less the areas impacted by the canoe portage, specifically the river access locations (shown on the recreation plan drawings). The drawing also provides directions on the removal and handling of the invasive species. Do these notes apply to the areas not shown on drawing RM-01?**
- R14. The notes related to the removal and handling of invasive species shall apply to all areas of construction, if encountered.



Q15. Please provide a specification clarification of note 3 on PR-01. This note indicates:

3. ALL NEW EXPOSED CONCRETE SURFACES SHALL BE TINTED OR STAINED TO MATCH EXISTING CONCRETE PER HISTORIC PRESERVATION REVIEW. CONTRACTOR TO SUBMIT CONCRETE COLORING PLAN PRIOR TO CONSTRUCTION.

It was noted during the pre-bid meeting that this should apply to the rehabilitation work on the west side of the mill building only. Please clarify the intent of this note and confirm where it applies.

R15. Refer to the response for Question 14 in Section B for clarification.

Q16. The scope of repair work shown on drawings STR-11 and STR -12 was discussed at the pre-bid meeting. Please confirm that the repair scope is limited to what is contained within the bold dashed lines and is limited to the removal of the mezzanine framing I-beams, the concrete overlay which supports these I-beams and the masonry repairs as shown.

R16. Correct, the limit of work is indicated by the bold dashed lines, and the scope of work includes the items listed in the question above.

Q17. Please note the proposed intake details as shown on STR-04 and advise on the following:

- a. Please confirm that the intent is the re-use the existing sluiceway/intake foundation walls (section 4/STR-04), which will be extended as a retaining wall on the north side of the intake (section 1/STR-01) and a single faced wall on the south side.
- b. Please provide details and dimensions for the single faced wall on the south side of the intake.
- c. Section 3 and 4, indicate the construction of a new base slab for the intake, however the dimensions are not provided. Please provide the dimensions or the delineation between new and existing for the new slab.
- d. The plan view of the intake shows dashed lines which appear to indicate some sort of trailing wall below the proposed top slab, downstream of the new column. Please provide dimensions and reinforcement details for this wall.
- e. The concrete column is shown in plan on STR-04 and in elevation on STR-05, specifically in the elevation named 'Intake with Trash Rack'. In this elevation, it appears that the column is centered on the 22'-8" trash rack, however in plan view the placement is offset substantially from the racks. Please advise.
- f. Provide connection details for the SS frame to the intake base slab, intake walls, intake deck and the column.
- g. Confirm the size of trash rack bars (1/4"x 1/4"?), the material and the connection details to the frame?

R17. Additional information in response to this question will be provided in a subsequent addendum.

Q18. Safety railings are shown in various plan drawings, on the east and west sides of the mill, placed on the new sluiceway top slab, and note to refer to the Architectural drawings for details. Please provide the following:



- a. Post spacing and connection details to the structure.
- b. Details for the 'lockable gate' as shown in plan on SP-01.
- c. Please confirm that the finish is 'galvanized' and not painted.
- d. It appears that there is a section of railing between the proposed concrete retaining wall and the existing millwright office. Please confirm that this is the intent, provide the dimension of the railing and foundation details.

R18. Additional information in response to this question will be provided in a subsequent addendum.

Q19. Please provide a list of the items or submittals that will be required for review and approval for FERC, to include the review timeline.

R19. Additional information in response to this question will be provided in a subsequent addendum.

Q20. Will you be sending the attendee list from the mandatory pre-bid meeting to everyone that attended the meeting?

R20. Yes, the attendee list has been provided as Attachment A.

Q21. Regarding the historic scope of work, will there be any required reviews or inspections from the Vermont State Historic Preservation Office?

R21. Additional information in response to this question will be provided in a subsequent addendum.

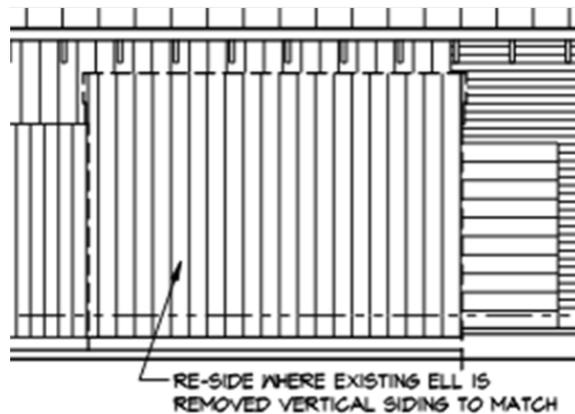
Q22. Is there a preservation consultant working on this project?

R22. Additional information in response to this question will be provided in a subsequent addendum.

Q23. What species of wood is to be used for new siding on the historic mill building?

R23. Additional information in response to this question will be provided in a subsequent addendum.

Q24. Please confirm that the only areas to receive new siding on the historic mill building are on the west elevation covering the CIP concrete wall repair and on the north elevation where the existing ell is to be removed (shown on sheet A2.0 inside bold dashed line).



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- R24. Correct, the CIP wall on the west end of the mills foundation and the portion of the mill where the bump-out / addition is to be removed are the only two areas where new siding will be applied.
- Q25. Can a comprehensive list of all components that are being supplied by the Owner please be provided? The bid documents do not appear to clearly indicate these items in one location so it is a bit confusing.**
- R25. Refer to the response for Question 11 in Section B for a list of Owner Supplied components.
- Q25. Can the approximate weights for the major owner supplied components please be provided? Or at least the heaviest components for each item.**
- R25.** Additional information in response to this question will be provided in a subsequent addendum.
- Q26. Page 15 of the RFB paragraph d states that only US Produced steel and iron may be used on the project. The plans specify a gate as manufactured by Fontaine Aquanox which is a Canadian company. Will Canadian manufactured metals be utilized on this project? Or are there specific items that are exempt from the Buy America provisions?**
- R25. Refer to the response for Question 13 in Section B for more information related to the slide gates.
- Q27. Page 14 of the RFB paragraph c states that all excavated excess material must be disposed of at the Percy Pit. Will this disposal be free of charge for this project? Or will individual contractors need to coordinate with Percy on this?**
- R27. The contractor may propose a suitable alternative to the Percy Pit. The alternative pit or disposal site will require approval by the U.S. Army Corps of Engineers (USACOE) per the Section 404 permit. The USACOE permit required that a disposal site be identified for pre-approval. Disposal will need to be coordinated with the pit owner / operator and is not free of charge.
- Q28. Page 14 paragraph A of the RFB states that cofferdam design must be submitted to SLR and FERC 60 days prior to the installation of the cofferdam. Have conversations been had with FERC regarding this review time? How will project delays be handled if the FERC review takes longer than 60 days?**
- R28.** Additional information in response to this question will be provided in a subsequent addendum.
- Q29. Concrete note 1 on sheet N-01 states that all concrete for the proposed sluiceway, intake structure and dam shall be "Concrete, High Performance – Class B". Is this a reference to a VTrans mix design? The concrete specification says to reference the drawings for mix design. The only other note regarding concrete mix design is on STR-06 which says "6000 PSI concrete grade beam". A VTrans Class B mix is 3500 PSI. There is no commercially available 6000 PSI ready mix concrete product in Vermont. Please clarify the concrete mix design intended to be used on this project and note that 6000 PSI ready mix concrete is not an option.**
- R29.** Additional information in response to this question will be provided in a subsequent addendum.



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- Q30.** Please confirm that all reinforcing steel in cast in place concrete shall be epoxy coated.
- R30.** Additional information in response to this question will be provided in a subsequent addendum.
- Q31.** What is the load rating for the top slab and grating on the new and modified existing sluiceway? Will equipment be allowed to be driven over this? Manlifts, forklifts, or similar etc.
- R31.** Additional information in response to this question will be provided in a subsequent addendum.
- Q32.** STR-01 depicts W8x35 beams under the top at the new power house building.
- What is the proposed finish for these beams, galvanized, plain black, etc?
 - How are these beams attached to the walls? Are there supposed to be anchors of some kind? The generator frame has anchor bolts and neoprene pads.
 - Are there any shear studs required on top of these beams in order to positively connect the beams to the top slab?
- R32.** Additional information in response to this question will be provided in a subsequent addendum.
- Q33.** Regarding the steel grating on the top slab of the sluiceway:
- What is the proposed finish for the steel grating?
 - What is the proposed size, thickness and spacing for the grates?
 - Are these grates intended to be removable (for maintenance purposes) or are these secured in place permanently?
- R33.** Additional information in response to this question will be provided in a subsequent addendum.
- Q34.** More detail and dimensions are needed surrounding the concrete encasement around the draft tube. The only real depiction is on sheet PR-01. Section 5 on sheet STR-01 only details the top slab area. STR-02 and STR-03 do not depict enough detail on the draft tube encasement. The CHC shop drawings appear to depict a very specific size and shape slab under the draft tube, but there are no elevations or design with it. Elevations, lengths, widths, reinforcement details, and min concrete thickness would be required at a minimum in order to properly price this scope.
- R34.** Additional information in response to this question will be provided in a subsequent addendum.
- Q35.** Drawing STR-04, detail 1 shows the retaining wall elevation, The wall height states “varies, see elevation”. Please clarify where the elevation is depicted. If no elevation available, please provide the top of wall elevations (low and high).
- R35.** Additional information in response to this question will be provided in a subsequent addendum.
- Q36.** The excavation for the retaining wall extension looks as though it will extend back into the existing septic system. Are there any as builts for the septic system?



Should contractors assume some sort of SOE at this location to avoid this conflict.

R36. There are no as-built drawings available for the septic system. The septic system shall be protected from damage throughout construction.

Q37. Drawing PR-01 has a note to “Provide opening with grate and steel framing to access sluiceway intake”. This opening is again visually depicted on sheet STR-04, but there is no call out, dimensions or any details regarding this item. Please provide details for this opening, including but not limited to size, depth, framing, material types, finishes, encased items, attachments, etc.

R37. Additional information in response to this question will be provided in a subsequent addendum.

Q38. Drawing PR-02 has a note that states “Relocated Slide Gate, See Sheet PR-01”. What does the term “relocated” mean? It appears as the slide gate at this location is brand new. Is this word “relocated” just a typo.

R38. Additional information in response to this question will be provided in a subsequent addendum.

Q39. Drawing STR-08 note one under Structure Repair notes says that concrete repair to be paid by the square foot. The bid form appears to only have mill foundation repairs by the lump sum and there are no unit price items for foundation repairs. These items really need to be unit price items, preferably 1 item for each of the repair details. There is no real way for contractors to determine how many square feet of repairs are needed.

R39. Additional information in response to this question will be provided in a subsequent addendum.

Q40. STR-09 shows removing several cross braces and other items that appear to be structural in nature. Has any structural analysis been completed on this structure to determine whether removal of these items will effect the integrity of the building during construction?

R40. Additional information in response to this question will be provided in a subsequent addendum.

Q41. There are no elevations on sheet STR-10. The drawing just states, “See grading and Utilities plan”. Please provide some approximate elevations on the mill building to provide the relative heights as compared to the water elevations and the elevations of the new sluiceway.

R41. Additional information in response to this question will be provided in a subsequent addendum.

Q42. Drawings STR-11 and 12 depict pictures from the basement area of the mill building. Is there a way to issue these pictures (and others if available) as a separate file and larger in size and clarity?

R42. Additional pictures of the mill building foundation, as well as of the project site and dam, will be made available to all interested bidders.

Q43. Drawing STR-011 says in several locations to “Infill void”. Please provide a detail for this repair. Are we repairing this wall with concrete? Stone masonry? If a stone masonry is expected, what types of stone and mortar is expected?



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- R43.** The voids are to be repaired and infilled using stone masonry. The proposed work for the west foundation wall repair is informed by the NPS’s “Guidelines on Flood Adaptation for Rehabilitating Historic Buildings” (November 2019).
<https://www.nps.gov/orgs/1739/upload/flood-adaptation-guidelines-2021.pdf>
- Repairs will be in-kind to the west wall and where there is mortar the guidelines set forth in NPS’s Preservation Brief 2: Repointing Mortar Joints in Historic Masonry Buildings will be followed. <https://www.nps.gov/orgs/1739/upload/preservation-brief-02-repointing.pdf>
- Additional information in response to this question will be provided in a subsequent addendum.
- Q44. Drawings STR-011 and 012 have a repair section to “repair/infill voids”. This looks like repointing the existing stone masonry wall. Is that the intent? Please provide a detail/clarification for this repair.**
- R44.** Refer to the response to Question #43 above for more information. Additional information in response to this question will be provided in a subsequent addendum.
- Q45. If we are expected to repair the stone masonry foundations, do we need to use historic mortar matching the existing mortar? Has any testing/analysis been conducted on the mortar in order to match the existing? Is this effort required?**
- R45.** Refer to the response to Question #43 above for more information. Additional information in response to this question will be provided in a subsequent addendum.
- Q46. Drawing STR-011 states to remove concrete wall/veneer and to repair exposed stone masonry “as needed”. How are contractors expected to be able to price repairs for stone masonry that we cannot see? This scope should be dealt with as a change order in the field after the concrete has been removed or via unit price repair items with clear scope and measurement/payment provisions.**
- R46.** Refer to the response to Question #43 above for more information. Additional information in response to this question will be provided in a subsequent addendum.
- Q47. There is a spec 03 36 00 Integral Colored Concrete. There appears to be only one mention of this colored concrete on Sheet A2.0 for the new south wall on the mill building and the new sluiceway concrete. Are there any concrete items that are not intended to receive this color? Like the dam or intake for example? Please clarify what concrete is expected to have integral color.**
- R47. Refer to the response for Question 14 in Section B for clarification.
- Q48. Drawing CS-01 has a chart with water surface elevations and the discharge capacities at that elevation. The 3rd elevation down is called out as 623.2’. I believe that this should be 632.2’. Please confirm.**
- R48. The 3rd elevation in the stage – discharge table on Sheet CS-01 under Note #4 should be 632.2 ft NAVD88.
- Q49. The Rock Anchor Foundation specification section 31 68 13 has several lines that discuss the design of the rock anchors. 1.1.A states: “this work shall consist of designing, furnishing, installing and testing permanent rock anchors...” Paragraph 1.1B requires the contractor to submit their “design” for review and approval. Sheet STR-06 of the plans includes a prescriptive anchor design. Please clarify who is responsible for the anchor design.**



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- R49.** Additional information in response to this question will be provided in a subsequent addendum.
- Q50.** **The anchor details do not include anticipated unbonded lengths based on the bedrock elevation. It will not be possible to accurately bid the anchors without knowing the distance from the top of the dam to the anticipated foundation rock. We understand that a minimum of 10 ft of unbonded length is required. Please clarify the anticipated unbonded length at each anchor location.**
- R50.** Additional information in response to this question will be provided in a subsequent addendum.
- Q51.** **Sheet PR-02 states “performance tests, proof tests, lift off readings and lift off tests shall be performed on all installed anchors.” Performing both proof testing and performance testing on all anchors will result in two complete tests on each of the anchors and is not standard practice. Generally, PTI (Post Tension Institute) recommends 2% of anchors to be performance tested and all remaining anchors to be proof tested. Please clarify that the intent is to perform either a proof test OR a performance test on all anchors and please clarify how many anchors will get a performance test.**
- R51.** Additional information in response to this question will be provided in a subsequent addendum.
- Q52.** **The Landscape drawings refer to a galvanized steel stair case provided by the owner. Can more details on this stair case be provided? Size, weight, connection details, etc. Where is it currently located and who is responsible for getting the staircase to the project site?**
- R52.** The galvanized steel staircase shall be owner supplied as noted. Installation will be performed by the owner’s vendor.

D. ATTACHMENTS

- A** – Pre-Bid Meeting Sign-In Sheet
- B** – Geotechnical Analysis and Design
- C** – Photographic Log
- D** – Sediment Testing Results
- E** – Hazardous Materials Report
- F** – USDA RUS Construction Contract & Contractors Bond

