

ADVERTISEMENT FOR BID
Valley Street Dam Removal

The Mount Ascutney Regional Commission (MARC) is soliciting bids for the removal of a concrete dam and accumulated sediment and construction of a new stream channel. The project site is located immediately downstream of the intersection of Valley Street and Litchfield Street in the Town of Springfield, Vermont.

Primary work components include demolition and removal of existing concrete spillway and walls, excavation and hauling of accumulated sediment, furnishing gravel and stone for new stream channel, construction of stream channel, seeding and mulching.

Information and bid package on the VT Bid Registry:

<https://www.vermontbusinessregistry.com/Default.aspx>. Optional Pre-bid site visit at 2:00 pm Friday February 2, 2024. Park on Litchfield Street. Bids are due by email by 2:00 pm Tuesday February 20, 2024. Contact: Matt@RippleNR.com.

INFORMATION FOR BIDDERS
Valley Street Dam Removal

Bid Package and Register as Planholder. Complete bid package including Plans and Specifications are available electronically at no cost through the Vermont Bid Registry: <https://www.vermontbusinessregistry.com/Default.aspx>.

Project Location. The project is located downstream of the intersection of Valley Street and Litchfield Street in Springfield, Vermont. Google Map location: <https://maps.app.goo.gl/oycDq7Thi61CVFwd9>.

Type of Work. Primary work components include demolition and removal of existing concrete spillway and walls, excavation and hauling of accumulated sediment, furnishing gravel and stone for new stream channel, construction of stream channel.

Prior Experience. Bidders must demonstrate completion of two prior projects of similar scale and complexity involving control of water, removal of dams, and construction of new stream channel.

Contract Schedule. Contract shall be substantially complete (instream work completed) by October 1, 2024 with final completion on or before November 30, 2024. Note that instream work is limited by state and federal permits to the period July 1 – October 1.

Pre-Bid Site Visit. An optional site visit with engineer and owner will be held 2:00 pm on Friday February 2, 2024. Park on Litchfield Street near intersection with Valley Street (staging area shown on plans).

Excavation and Disposal. There will be up to 2640 CY of material excavated and removed from the site. Contractor is responsible for identifying a disposal location, and that location may be subject to review for environmental and historical resource impacts.

Imported Stream Channel Material. Contractor must furnish natural stone and gravel for use in constructing a new stream channel. The engineer will work review the proposed source (or sources) of material in advance to confirm it meets the specifications.

Submitting Bids. Bids will be accepted by email to the Owner (Matt@RippleNR.com, cyurek@marcvt.org) until 2:00 pm on Tuesday February 20, 2024. Owner expects to review bids by Friday February 23 and award project by March 1.

Questions. Address to both Owner and Engineer: cyurek@marcvt.org, Matt@RippleNR.com. Project Engineer can also be reached by phone or text: 802-522-3473.

MEASUREMENT AND PAYMENT
Valley Street Dam Removal

101 MOBILIZATION AND DEMOBILIZATION

DESCRIPTION. The work consists of the mobilization and demobilization of the contractor's forces and equipment necessary for performing the work required under the contract.

METHOD OF MEASUREMENT. Estimated percent complete. Contractor shall provide justification for estimate if requested.

BASIS OF PAYMENT. Contract lump sum price, with interim payments based on percent complete.

102 SITE ACCESS

DESCRIPTION. The work consists of accessing the work area, including both upstream and downstream sides of the dam as needed, from Litchfield Street, as indicated on the plans. Work includes constructing a stable construction entrance, rough grading and surfacing an access route, and rough grading to restore grades at completion of construction.

METHOD OF MEASUREMENT. Estimated percent complete. Contractor shall provide justification for estimate if requested.

BASIS OF PAYMENT. Contract lump sum price, with interim payments based on percent complete.

103 EROSION CONTROL AND SURFACE RESTORATION

DESCRIPTION. This work shall consist of all erosion control and surface restoration work including installation and maintenance of silt fences, furnishing and use of construction mats on soft ground, and placement and spreading of grubbing, topsoil, seed, mulch and fertilizer as indicated on the Plans. Tree and shrub plantings are not included and are the responsibility of the Owner rather than the contractor. The work performed under this Section shall conform to the requirements of following: VTrans Specification 651 Turf Establishment and The Vermont Standards and Specifications for Erosion Prevention & Sediment Control 2019.

METHOD OF MEASUREMENT. Estimated percent complete. Contractor shall provide justification for estimate if requested.

BASIS OF PAYMENT. Contract lump sum price, with interim payments based on percent complete.

104 WATER DIVERSION AND CONTROL

DESCRIPTION. This work shall consist of diverting and controlling water as shown on the plans and as necessary to complete the project. This includes water control necessary to perform the all aspects of the project outside of flowing water the extent practical.

METHOD OF MEASUREMENT. Estimated percent complete. Contractor shall provide justification for estimate if requested.

BASIS OF PAYMENT. Contract lump sum price, with interim payments based on percent complete.

105 CONCRETE DAM REMOVAL (WITH HYDRAULIC HAMMER)

DESCRIPTION. This work shall consist of removing and disposing of the concrete portion of the dam and associated reinforcement as indicated on plans. Work under this item assumes the dam can be demolished with hydraulic hammer. Included in the work is gross demolition of the structure, removal of the concrete from the channel, processing of the concrete into smaller pieces as necessary, and loading, hauling, permanent off-site disposal of the material. Also included is the removal, processing, and disposal of concrete that may be encountered in the excavation area upstream of the dam.

METHOD OF MEASUREMENT. Per unit basis. Measurement shall be based on volume of material hauled from site. Prior to first load, the Contractor and the Engineer shall measure dump body dimensions and agree on per load volume. Each truck hauling material will be expected to be loaded to that same volume unless otherwise documented. Contractor shall maintain truck logs documenting the date, time, driver, and scale slips (if weighed) for each load removed from the site and shall provide this information to the Engineer when requested.

The estimated quantity for the purpose of bidding was determined as follows:

Concrete in-place: 167 CY
Expansion Factor: 167%

Resulting Volume: 279 CY

BASIS OF PAYMENT. Contract unit price for the measured quantity.

106 KNOTWEED MANAGEMENT

DESCRIPTION. This work shall consist of managing knotweed as required by notes on plans. The overall intent is to avoid spreading knotweed to on and off-site locations where it is currently not present. It is anticipated that most of the infested soil will be disposed of off-site. If the disposal site is currently not infested with knotweed, the material must be buried as detailed on the plans. Work is assumed to entail an excavator, operator, and laborer. This work is in addition to work already paid for under Item 107, and it is expected that up to 16 hrs will be needed for this item.

METHOD OF MEASUREMENT. Per unit basis. Measurement shall be in whole hours during which the excavator, operator, and laborer were engaged in managing the knotweed. Contractor shall provide justification for estimate if requested.

BASIS OF PAYMENT. Contract unit price.

107 SEDIMENT AND WOODY DEBRIS REMOVAL

DESCRIPTION. This work shall consist of excavation and disposal of sediment and woody material as indicated on the plans or as directed by engineer. It shall conform to VTrans item 203.25 with deleterious woody material added to definition of material to be excavated. It includes rough grading of the channel and overbanks as indicated on plans, as well as rough grading of embankments to accept stone riprap.

METHOD OF MEASUREMENT. Per unit basis. Measurement shall be based on volume of material hauled from site. Prior to first load, the Contractor and the Engineer shall measure dump body dimensions and agree on per load volume. Each truck hauling material will be expected to be loaded to that same volume unless otherwise documented. Contractor shall maintain truck logs documenting the date, time, driver, and scale slips (if weighed) for each load removed from the site and shall provide this information to the Engineer when requested.

The estimated quantity for the purpose of bidding was determined based on average end area of cross sections shown on plans. No expansion factor was included.

BASIS OF PAYMENT. Contract unit price for the measured quantity.

108 CHANNEL BOULDERS

DESCRIPTION. This work shall consist of furnishing channel boulders for installation as shown on plans. Included in this item is effort needed to source the material and review with engineer to ensure conformance with specifications. Installation is included in Item 110.

METHOD OF MEASUREMENT. Per unit basis. Measurement shall be based on the number of units delivered, counted in the field.

BASIS OF PAYMENT. Contract unit price for the measured quantity.

109 CHANNEL LINING MATERIAL

DESCRIPTION. This work shall consist of furnishing Channel Lining Material for installation as shown on plans. Included in this item is effort needed to source the material and review with engineer to ensure conformance with specifications. Installation is included in Item 110.

METHOD OF MEASUREMENT. Per unit basis. Measurement shall be based on the number of units delivered, counted in the field.

BASIS OF PAYMENT. Contract unit price for the measured quantity.

110 CHANNEL CONSTRUCTION

DESCRIPTION. This work shall consist of placement of Channel Lining Material and Channel Boulders to produce the typical cross section and profile shown on the plans. Included, if necessary, is mixing of material as necessary to maintain gradation, chinking of material, washing in of fines to fill voids. Furnishing of materials is paid for separately.

METHOD OF MEASUREMENT. Per linear foot of finished and accepted channel. Contractor shall provide justification for estimate if requested.

BASIS OF PAYMENT. Contract unit price for linear feet of channel constructed.

111 STONE FILL SLOPE PROTECTION

DESCRIPTION. This work shall consist of all work and materials necessary to install stone fill slope protection as indicated on the plans, unless explicitly included under a separate item. Work includes the purchase and delivery of stone, mixing as necessary to maintain gradation, placement of stone, chinking of stone, washing in of fines. Excess embankment material that is directed to be hauled away will be paid for under item 108 Sediment and Woody Debris Removal.

METHOD OF MEASUREMENT. Per unit basis. Measurement shall be based on volume of material installed and accepted, measured in the field as L x W x D.

BASIS OF PAYMENT. Contract unit price for the measured quantity.

112 MISCELLANEOUS WORK ITEMS

DESCRIPTION. This work shall consist of any other miscellaneous work that is reasonably foreseeable and not covered under other sections. Clearing and grubbing is included in this item.

CONSTRUCTION REQUIREMENTS. Estimated percent complete. Contractor shall provide justification for estimate if requested.

BASIS OF PAYMENT. Contract lump sum price, with interim payments based on percent complete.

BID FORM
Valley Street Dam Removal

Proposal of _____ (Bidder),
organized and existing under the laws of the State of Vermont doing business as

_____ (a corporation, a
partnership, or an individual), to Mount Ascutney Regional Commission (Owner).

The Bidder represents that this bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation. The bidder has not directly or indirectly induced or solicited any other bidder to submit a false bid. Bidder has not solicited or induced any person, firm or corporation to refrain from bidding and the bidder has not sought by collusion to obtain for himself any advantage over any other bidder or Owner.

The undersigned bidder proposed and agrees, if this bid is accepted, to enter into an agreement with Owner to furnish all materials and to complete all work as specified or indicated in the Contract Documents for the contract price and within the contract time indicated in this bid.

Acknowledge Addenda. Bidder acknowledges receipt of the following Addenda, if any:

Date and initial: _____

Date and initial: _____

Statement of Experience. Bidder has completed at least two projects of similar scale and complexity involving control of water, river restoration, dam removal, or placement of stonefill in riverine environments:

Representative Project 1: _____

Contact: _____

Representative Project 2: _____

Contact: _____

Disposal Location. Bidder anticipates disposing of excavated material at the following location, and authorizes inspection by federal and state officials to confirm that disposal will not impact natural or cultural resources. Site may be modified later, but Contractor responsible for regulatory review and any associated delays.

Address or Coordinates: _____

Initials: _____

Bidder agrees to perform the Work described in the Contract Documents for the following schedule of prices. Qualified or conditional bids will not be accepted. See Measurement and Payment for description of each bid item.

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
101	Mobilization/ Demobilization	LS	1	\$	\$
102	Site Access	LS	1	\$	\$
103	Eros Control and Surface Rest.	LS	1	\$	\$
103.1	Plantings (shrubs & trees)	LS	By others. Not included.		
104	Water Diversion and Control	LS	1	\$	\$
105	Concrete Dam Removal	CY	279	\$	\$
106	Knotweed Management	Hours	16	\$	\$
107	Sediment and Woody Debris Removal	CY	2640	\$	\$
108	Channel Boulders	EA	160	\$	\$
109	Channel Lining Material	CY	500	\$	\$
110	Channel Construction	LF	388	\$	\$
111	Stone Fill for Slope Protection	CY	219	\$	\$
112	Miscellaneous Site Work	LS	1	\$	\$
				Total Base Bid:	\$

THE ABOVE PROPOSAL IS HEREBY RESPECTFULLY SUBMITTED BY:

Contractor

Street City State

Name Title

Signature Date