

STATE OF VERMONT
WASHINGTON COUNTY

TOWN OF EAST MONTPELIER

PROPOSED INFRASTRUCTURE IMPROVEMENTS

The Replacement of Two Structures, and Additional Paving
Work on Town Highway No. 1, the County Road

BID PROPOSAL FORM

PREPARED BY NEWTON TECHNICAL SERVICES

May 2021

**TOWN OF EAST MONTPELIER
THE REPLACEMENT OF TWO STRUCTURES & PAVING WORK
ON TH 1, the COUNTY ROAD**

BID PROPOSAL FORM

PROJECT: The replacement of two structures and additional paving work on TH 1, the County Road

Proposal of Pike Industries, Inc.

Name

249 Granger Road Barre, VT 05641

Address

To furnish and deliver all materials specified (unless otherwise noted) and to do and perform all work in accordance with the Plans and Specifications, and as specifically stated in the General Notes for the projects, for the replacement of the existing structures, related channel work, and the related reconstruction of the roadway approaches at Site 1 and at Site 2, as well as all the paving and related work on Town Highway 1, the County Road in the Town of East Montpelier. Proposals will be received until 2:00 p.m. prevailing time on Monday, May 24, 2021, at the East Montpelier Town Offices, 40 Kelton Road, East Montpelier, VT (USPS address: PO Box 157, East Montpelier, 05651). All proposals shall be sealed in individual envelopes and shall be clearly marked as “Bid for County Road Culvert Project, Site 1”, “Bid for County Road Culvert Project, Site 2”, and “Bid for County Road Paving Work”. The bids will be opened and read aloud as part of a Zoom remote meeting on Monday, May 24, 2021 at 2:00 p.m. and presented to the Selectboard as part of a Zoom remote meeting on Monday, May 24, 2021 at 7:00 p.m. Bidders and the general public are invited to both meetings. The time of receiving and opening bids may be postponed due to emergencies or unforeseen conditions. These projects are situated as follows:

PROJECT LOCATIONS:

Culvert Project, Site 1: Beginning at a point on TH 1 approximately 1900 feet (0.36 miles) southerly of the intersection with TH 44 (Barnes Road) and extending northerly along TH 1 for a distance of 375 feet

Culvert Project, Site 2: Beginning at a point on TH 1 approximately 800 feet (0.15 miles) northerly of the intersection with TH 44 (Barnes Road) and extending northerly along TH 1 for a distance of 400 feet

Paving Work: Beginning at a point on TH 1 at the Montpelier/East Montpelier town line and extending northeasterly along TH 1 for a distance of 3.83 miles to the intersection of TH 1 and TH 18, Horn of the Moon Road.

TYPES OF CONSTRUCTION:

Culvert Project, Site 1: Closing the road to traffic; installation and/or construction of erosion prevention and sediment control measures, installation and/or construction of a temporary stream diversion, culvert or pump system; removal and disposal of the existing structure; assembly and installation of a new corrugated steel pipe to the prescribed line and grade as shown on the plans; construction of reinforced concrete headwalls, backfilling and compacting around the new structure and headwalls; related roadway approach work including earthworks and subbase material, the placement of base, intermediate base and wearing surface pavement courses, new pavement markings, removing and resetting the existing guard rail, together with stone fill, and turf establishment work.

Culvert Project, Site 2: Closing the road to traffic; installation and/or construction of erosion prevention and sediment control measures, installation and/or construction of a temporary stream diversion, culvert or pump system; removal and disposal of the existing structure; assembly and installation of a new corrugated steel pipe

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On TH 1, the COUNTY ROAD

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Culvert Project, Site 2 (cont'd.): arch to the prescribed line and grade as shown on the plans; construction of reinforced concrete headwalls, backfilling and compacting around the new structure and headwalls; related roadway approach work including earthworks and subbase material, the placement of base, intermediate base and wearing surface pavement courses, new pavement markings, together with guard rail, stone fill, wetland restoration and turf establishment work.

Paving Work: Paving work to include reclamation and fine-grading of the existing roadway surface, repaving 22' wide with 2" of Type II base and 1" of Type IV wearing surface, and constructing 2' wide aggregate shoulders.

NOTES:

1. The completion date for all projects included in this single bid is November 1, 2021. The town will give preference to bids that include a completion guarantee of September 17, 2021. No work will be allowed prior to July 12, 2021 due to grant commitments.
2. The town will allow **one** continuous 16-day (a maximum of two business weeks plus weekends) road closure period as necessary for the two culvert projects. If the two culvert projects have separate contractors, the town will work with the contractors to determine agreeable dates for the closure period.
3. Some, or all of the three projects included in this single bid, are grant projects funded in part by the Vermont Agency of Transportation, and thereby require that the individual projects be treated as such to the extent that the Contractor shall keep both the initial bid prices, and the final costs for each project separated. This will ensure that the Town can track each project individually for the purposes of partial reimbursement from the State of Vermont.
4. Please include a copy of the Contractor's Bid Sheet for each individual project when submitting your Bid Proposal Form.
5. If there is a discrepancy between the Lump Sum Bid Price that is "Written in Words" and the one that is "Written in Figures", the one "Written in Words" shall govern.

To the Town of East Montpelier, Vermont

Ladies and Gentlemen:

In accordance with the Plans, General Notes and Specifications for the projects noted above, and the description of the construction as shown above, I, or we, hereby certify that I am, or we are, the only person or persons interested in this Proposal as principal or principals; that it is made without collusion with any person, firm, or corporation; that an examination has been made of the Bid Proposal, the Plans and General Notes, the Specifications and the sites of the work, and that I, or we, propose to furnish all necessary machinery, equipment, tools, labor and other means of construction, and all materials specified (unless otherwise noted), in the manner and at the time prescribed, understanding that the quantities of work as shown herein are only estimated and approximate and are subject to increase or decrease and that all quantities of work, whether increased or decreased, are to be performed at their respective unit prices resulting in the following initial lump sum price, which may or may not be subject to change.

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CULVERT PROJECT (SITE 1):

<u>Quantity of Work</u>	<u>Lump Sum Bid Price</u> (Written in Words)	<u>Lump Sum Bid Price</u> (Written in Figures)
1 Lump Sum	One Hundred forty seven thousand eight Hundred fifty seven dollars and twenty five Cents <i>(Total Bid Price)</i>	\$ <u>147,857.25</u>

CULVERT PROJECT (SITE 2):

<u>Quantity of Work</u>	<u>Lump Sum Bid Price</u> (Written in Words)	<u>Lump Sum Bid Price</u> (Written in Figures)
1 Lump Sum	One Hundred seventy thousand sixty five dollars and zero cents. <i>(Total Bid Price)</i>	\$ <u>170,065.00</u>

PAVING PROJECT:

<u>Quantity of Work</u>	<u>Lump Sum Bid Price</u> (Written in Words)	<u>Lump Sum Bid Price</u> (Written in Figures)
1 Lump Sum	Seven Hundred ninety three thousand seven hundred twenty four dollars and fifty cents <i>(Total Bid Price)</i>	\$ <u>793,724.50</u>

PROJECT/CONTRACT TOTAL:

<u>Quantity of Work</u>	<u>Lump Sum Bid Price</u> (Written in Words)	<u>Lump Sum Bid Price</u> (Written in Figures)
1 Lump Sum	One million one hundred eleven thousand six hundred forty six dollars and seventy cents. <i>(Total Bid Price)</i>	\$ <u>1,111,646.70</u>

Signed by: 

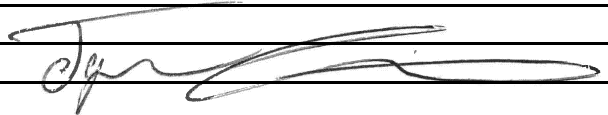
Title: Estimator

Firm Represented: Pike Industries, Inc.


Telephone No.: 802-272-0017

East Montpelier, TH 1 County Road Paving Work

Reclaim, fine grade, paving work and aggregate shoulders from Montpelier/East Montpelier town line to Horn of the Moon Road

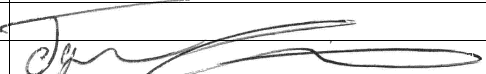
	(Section 1) Item Name	Quantity	Unit	Unit Price	Total
	Reclaim and Fine Grade	23625	SY	\$ 1.75	\$ 41,343.75
	Calcium Chloride	23625	GAL	\$ 1.25	\$ 29,531.25
	Machine Paving	3975	TON	\$ 74.35	\$ 295,541.25
	Shoulder Gravel	360	TON	\$ 35.00	\$ 12,600.00
	Town line to 0.16 mile southerly of Powder Horn Glen Road (1.83 miles)			Total	\$ 379,016.25
	(Section 2) Item Name				
	Reclaim and Fine Grade	25813	SY	\$ 1.75	\$ 45,172.75
	Calcium Chloride	25813	GAL	\$ 1.25	\$ 32,266.25
	Machine Paving	4355	TON	\$ 74.35	\$ 323,794.25
	Shoulder Gravel	385	TON	\$ 35.00	\$ 13,475.00
	0.16 mile southerly of Powder Horn Glen Road to Horn of the Moon Road (2.0 miles)			Total	\$ 414,708.25
	Summary				
	Reclaim and Fine Grade	49438	SY	\$ 1.75	\$ 86,516.50
	Calcium Chloride	49438	GAL	\$ 1.25	\$ 61,797.50
	Machine Paving	8330	TON	\$ 74.35	\$ 619,335.50
	Shoulder Gravel	745	TON	\$ 35.00	\$ 26,075.00
	Project Totals: (3.83 miles)			Total	\$ 793,724.50
Asphalt Price Adjustment - Bid Index of 546/AC ton. Paving Prices to be adjusted at time of install to reflect increase or decrease in index.					
Signed:		5/24/21			

East Montpelier, TH 1 County Road (Site 1 near Morse Farm) over Brook
New 48" x 51' Polymer Coated Steel Pipe with Reinforced Concrete Headwalls

Item No.	Item Name	Quantity	Unit	Unit Price	Total
201.10	Clearing and Grubbing Incl. Individual Trees and Stumps	1	LUMP SUM	\$ 3,500.00	\$ 3,500.00
203.15	Common Excavation	234	CY	\$ 14.00	\$ 3,276.00
203.27	Unclassified Channel Excavation	20	CY	\$ 24.00	\$ 480.00
203.30	Earth Borrow	225	CY	\$ 18.00	\$ 4,050.00
204.20	Trench Excavation of Earth	12	CY	\$ 28.00	\$ 336.00
204.25	Structure Excavation	149	CY	\$ 35.00	\$ 5,215.00
204.30	Granular Backfill for Structures	130	CY	\$ 38.00	\$ 4,940.00
301.35	Subbase of Dense Graded Crushed Stone	430	CY	\$ 36.00	\$ 15,480.00
406.25	Bituminous Concrete Pavement (Revised)	48	TON	\$ 185.00	\$ 8,880.00
501.34	Concrete, High Performance Class B (3500 psi)	15	CY	\$ 900.00	\$ 13,500.00
507.15	Reinforcing Steel	1,600	LBS	\$ 2.00	\$ 3,200.00
514.10	Water Repellent, Silane	10	GAL	\$ 85.00	\$ 850.00
601.0915	18" Corrugated Polyethylene Pipe (HDPE)	52	LF	\$ 32.00	\$ 1,664.00
601.7015	18" Corrugated Polyethylene Pipe End Section (HDPE)	1	EACH	\$ 400.00	\$ 400.00
608.25	All Purpose Excavator Rental, Type I	30	HOURS	\$ 110.00	\$ 3,300.00
613.11	Stone Fill, Type II	20	CY	\$ 65.00	\$ 1,300.00
621.20	Steel Beam Guardrail, Galvanized	4	LF	\$ 24.00	\$ 96.00
621.60	Anchor for Steel Beam Guard Rail	4	EACH	\$ 975.00	\$ 3,900.00
621.75	Remove and Reset Guardrail (Modified)	487.50	LF	\$ 12.70	\$ 6,191.25
621.76	Replace Guardrail Post Assembly	8	EACH	\$ 68.00	\$ 544.00
621.77	Replace Guardrail Beam Unit	9	EACH	\$ 195.00	\$ 1,755.00
635.11	Mobilization/Demobilization	1	LUMP SUM	\$ 25,000.00	\$ 25,000.00
641.10	Traffic Control	1	LUMP SUM	\$ 25,000.00	\$ 25,000.00
649.11	Geotextile for Roadbed Separator (for use under new pipe)	46	SY	\$ 5.00	\$ 230.00
649.31	Geotextile Under Stone Fill	15	SY	\$ 8.00	\$ 120.00
651.40	Grubbing Material	10	SY	\$ 15.00	\$ 150.00
	Erosion Prevention and Sediment Control	1	LUMP SUM	\$ 2,500.00	\$ 2,500.00
	Temporary Stream Diversion	1	LUMP SUM	\$ 4,000.00	\$ 4,000.00
	Installation of New Structure	1	LUMP SUM	\$ 5,000.00	\$ 5,000.00
	Turf Establishment (Seed, Fertilizer, Mulch, Matting, etc.)	1	LUMP SUM	\$ 3,000.00	\$ 3,000.00
				Total	\$ 147,857.25
Signed:		5/24/21			

East Montpelier, TH 1 (County Road) over Mallory Brook (Site 2)

New 77" x 52" x 57' Polymer Coated Steel Pipe Arch with Reinforced Concrete Headwalls

Item No.	Item Name	Quantity	Unit	Unit Price	Total
201.10	Clearing and Grubbing Incl. Individual Trees and Stumps	1	LUMP SUM	\$ 3,000.00	\$ 3,000.00
203.15	Common Excavation	260	CY	\$ 14.00	\$ 3,640.00
203.27	Unclassified Channel Excavation	15	CY	\$ 24.00	\$ 360.00
203.30	Earth Borrow	180	CY	\$ 18.00	\$ 3,240.00
204.20	Trench Excavation of Earth	25	CY	\$ 28.00	\$ 700.00
204.25	Structure Excavation	180	CY	\$ 35.00	\$ 6,300.00
204.30	Granular Backfill for Structures	135	CY	\$ 38.00	\$ 5,130.00
301.35	Subbase of Dense Graded Crushed Stone	525	CY	\$ 36.00	\$ 18,900.00
406.25	Bituminous Concrete Pavement (Revised)	56	TON	\$ 185.00	\$ 10,360.00
501.34	Concrete, High Performance Class B (3500 psi)	20	CY	\$ 900.00	\$ 18,000.00
507.15	Reinforcing Steel	2,230	LBS	\$ 2.00	\$ 4,460.00
514.10	Water Repellent, Silane	10	GAL	\$ 85.00	\$ 850.00
601.0910	15" Corrugated Polyethylene Pipe (HDPE)	40	LF	\$ 28.00	\$ 1,120.00
608.25	All Purpose Excavator Rental, Type I	20	HOURS	\$ 110.00	\$ 2,200.00
613.11	Stone Fill, Type II	20	CY	\$ 40.00	\$ 800.00
619.20	Removing and Resetting Property Markers	1	EACH	\$ 150.00	\$ 150.00
621.20	Steel Beam Guard Rail, Galvanized	620.50	LF	\$ 24.00	\$ 14,892.00
621.60	Anchor for Steel Beam Guard Rail	4	EACH	\$ 975.00	\$ 3,900.00
621.80	Removal and Disposal of Guard Rail	183	LF	\$ 1.00	\$ 183.00
635.11	Mobilization/Demobilization	1	LUMP SUM	\$ 25,000.00	\$ 25,000.00
641.10	Traffic Control	1	LUMP SUM	\$ 25,000.00	\$ 25,000.00
649.11	Geotextile for Roadbed Separator (for use under new pipe)	60	SY	\$ 3.00	\$ 180.00
649.31	Geotextile Under Stone Fill	50	SY	\$ 5.00	\$ 250.00
651.40	Grubbing Material	25	SY	\$ 18.00	\$ 450.00
	Erosion Prevention and Sediment Control	1	LUMP SUM	\$ 2,500.00	\$ 2,500.00
	Temporary Stream Diversion	1	LUMP SUM	\$ 4,500.00	\$ 4,500.00
	Wetlands Restoration Work	1	LUMP SUM	\$ 5,000.00	\$ 5,000.00
	Installation of New Structure	1	LUMP SUM	\$ 6,000.00	\$ 6,000.00
	Turf Establishment (Seed, Fertilizer, Mulch, Matting, etc.)	1	LUMP SUM	\$ 3,000.00	\$ 3,000.00
				Total	\$ 170,065.00
Signed:		5/24/21			