

**ELMORE BF 0241(55) &  
ELMORE STP CULV(64) &  
WORCESTER BF 0241(56) &  
WORCESTER BF 0241(57)**

**August 28, 2024**

### INVITATION FOR BIDS

Submitted bids will be opened electronically at 11:00 AM on **Friday, October 11, 2024**; and will be posted to the Vermont Agency of Transportation website. The time of receiving and opening bids may be postponed due to emergencies or unforeseen conditions.

#### LOCATION:

**ELMORE BF 0241(55)** - VT ROUTE 12, BRIDGE 94, APPROXIMATELY 5.6 MILES SOUTH OF THE JUNCTION WITH VT ROUTE 15A, IN THE TOWN OF ELMORE.

**ELMORE STP CULV(64)** - VT ROUTE 12, BRIDGE 90, APPROXIMATELY 11.0 MILES SOUTH OF THE JUNCTION WITH VT ROUTE 15A, IN THE TOWN OF ELMORE.

**WORCESTER BF 0241(56)** - VT ROUTE 12, BRIDGE 87 OVER HARDWOOD BROOK, APPROXIMATELY 4.5 MILES NORTH OF THE JUNCTION WITH CALAIS ROAD IN THE TOWN OF WORCESTER.

**WORCESTER BF 0241(57)** - VT ROUTE 12, BRIDGE 89, APPROXIMATELY 5.3 MILES NORTH OF THE JUNCTION WITH CALAIS ROAD IN THE TOWN OF WORCESTER.

#### TYPE OF CONSTRUCTION:

**ELMORE BF 0241(55)** - EXISTING CULVERT REPLACEMENT WITH A FOUR-SIDED PRECAST CONCRETE BOX CULVERT WITH ASSOCIATED ROADWAY IMPROVEMENTS.

**ELMORE STP CULV(64)** - EXISTING CULVERT REPLACEMENT WITH STEEL GIRDER BRIDGE WITH ASSOCIATED ROADWAY IMPROVEMENTS.

**WORCESTER BF 0241(56)** - EXISTING CULVERT REPLACEMENT WITH A FOUR-SIDED PRECAST CONCRETE BOX CULVERT WITH ASSOCIATED ROADWAY IMPROVEMENTS.

**WORCESTER BF 0241(57)** - EXISTING CULVERT REPLACEMENT WITH STEEL GIRDER BRIDGE WITH ASSOCIATED ROADWAY IMPROVEMENTS.

**CONTRACT COMPLETION DATE:** This Contract shall be completed on or before **October 23, 2026**.

**BID BOND:** Electronic bid bond to be submitted in the amount of 5% of the Contractor's bid.

**ENGINEER's ESTIMATE:** For this proposal the Engineer's Estimate is **Category G**.

**PLANS AND PROPOSALS MAY BE OBTAINED AT NO COST BY:** On the VTrans website at:  
<https://vtrans.vermont.gov/contract-admin/bids-requests/construction-contracting>

**QUESTIONS:** During the advertisement period, all questions shall be addressed solely to the Office of Contract Administration via email: [AOT.ConstructionContractingInquiry@vermont.gov](mailto:AOT.ConstructionContractingInquiry@vermont.gov). All inquiries must be received by 4:30pm on Wednesday, October 02, 2024.

**PREQUALIFICATION OF CONTRACTORS:** All bidders on this project must hold **both** current annual Prequalification with the Vermont Agency of Transportation through the "Contractor's Experience Questionnaire and Financial Statement" and unconditioned project-specific approval through the "Standard Form - Request for Proposal" CA-82 form. These documents are available at: <https://vtrans.vermont.gov/sites/aot/files/contractadmin/documents/PreQualCA82.pdf>, and

must be submitted/uploaded through the iCXWeb website at: <https://vtrans.exevision.com/icx/Index.aspx>

**STANDARD SPECIFICATIONS:** The work to be performed under this Contract shall be in accordance with the 2024 Standard Specifications for Construction, as modified. The Standard Specifications are available on the Vermont Agency of Transportation website.

<https://vtrans.vermont.gov/highway/construct-material/construct-services/pre-contractspecifications>

**NON-COLLUSION AFFIDAVIT:** All bidders will be required to execute a sworn statement, certifying that the bidder has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with this Contract.

**NONDISCRIMINATION IN AGENCY CONTRACTS:** VTrans hereby notifies all bidders that it will insure that in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, religion, sex, or national origin in consideration for an award.

**MANDATORY ELECTRONIC BIDDING:** Bidders are hereby notified that only electronic bids will be accepted by the Agency. For information on electronic bidding with the Agency, please visit our website at: <https://vtrans.vermont.gov/contract-admin/resources/construction-contracting/electronic-bidding>

TELECOMMUNICATIONS RELAY SERVICE

TTY/TDD 1-800-253-0191

ESTIMATE OF QUANTITIES

ITEM NO.	DESCRIPTION	QUANTITY	UNITS
201.1000	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS (BRIDGE 87)	1.000	LS
201.1000	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS (BRIDGE 89)	1.000	LS
201.1000	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS (BRIDGE 90)	1.000	LS
201.1000	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS (BRIDGE 94)	1.000	LS
203.1500	COMMON EXCAVATION	6,130.000	CY
203.1600	SOLID ROCK EXCAVATION	240.000	CY
203.2500	CHANNEL EXCAVATION OF EARTH	40.000	CY
203.2700	UNCLASSIFIED CHANNEL EXCAVATION	9,740.000	CY
203.2800	EXCAVATION OF SURFACES AND PAVEMENTS	40.000	CY
203.3000	EARTH BORROW	810.000	CY
203.3500	GRAVEL FILTER FOR SLOPE STABILIZATION	170.000	CY
204.2000	TRENCH EXCAVATION OF EARTH	670.000	CY
204.2100	TRENCH EXCAVATION OF ROCK	10.000	CY
204.2200	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	4.000	CY
204.2500	STRUCTURE EXCAVATION	1,460.000	CY
204.3000	GRANULAR BACKFILL FOR STRUCTURES	3,330.000	CY
208.3000	COFFERDAM EXCAVATION, EARTH	5,630.000	CY
208.3500	COFFERDAM EXCAVATION, ROCK	580.000	CY
208.4000	COFFERDAM (ABUTMENT 1)(BRIDGE 89)	1.000	LS
208.4000	COFFERDAM (ABUTMENT 1)(BRIDGE 90)	1.000	LS
208.4000	COFFERDAM (ABUTMENT 2)(BRIDGE 89)	1.000	LS
208.4000	COFFERDAM (ABUTMENT 2)(BRIDGE 90)	1.000	LS
210.1000	COARSE-MILLING, BITUMINOUS PAVEMENT	3,140.000	SY
250.0100	CONSTRUCTION VIBRATION AND CRACK MONITORING (BRIDGE 90)	1.000	LS

301.3500	SUBBASE OF DENSE GRADED CRUSHED STONE	4,480.000	CY
401.1000	AGGREGATE SURFACE COURSE	270.000	CY
404.1100	TACK COAT, EMULSIFIED ASPHALT	76.000	CWT
406.0230	BITUMINOUS CONCRETE PAVEMENT, TYPE IIS, QA TIER III	1,150.000	TON
406.0430	BITUMINOUS CONCRETE PAVEMENT, TYPE IVS, QA TIER III	1,300.000	TON
406.3400	BITUMINOUS CONCRETE PAVEMENT, NON-PAVER PLACED, TYPE IVS	160.000	SY
406.9100	PAY ADJUSTMENT, BCP, MIXTURE PROPERTIES (N.A.B.I.)	4.000	DL
406.9200	PAY ADJUSTMENT, BCP, MAT DENSITY (N.A.B.I.)	4.000	DL
501.3700	PERFORMANCE-BASED CONCRETE, CLASS PCD	250.000	CY
501.3800	PERFORMANCE-BASED CONCRETE, CLASS PCS	1,250.000	CY
506.5000	STRUCTURAL STEEL, ROLLED BEAM (FPQ)	116,500.000	LB
506.7500	STRUCTURAL STEEL (BRIDGE 89)	1.000	LS
507.1100	REINFORCING STEEL, LEVEL I (EPOXY COATED)	6,210.000	LB
507.1100	REINFORCING STEEL, LEVEL I (UNCOATED)	40,000.000	LB
507.1200	REINFORCING STEEL, LEVEL II (CONTINUOUSLY GALVANIZED)	149,970.000	LB
		0	
508.1500	SHEAR CONNECTORS (1050 - 7/8 IN X 7 IN)(BRIDGE 89)	1.000	LS
508.1500	SHEAR CONNECTORS (410 - 7/8 IN X 7 IN)(BRIDGE 90)	1.000	LS
509.1500	CONCRETE BRIDGE DECK SURFACE PREPARATION	5,390.000	SF
514.1000	WATER REPELLENT, SILANE	111.000	GAL
516.1000	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	67.000	LF
516.1000001	BRIDGE EXPANSION JOINT, PRE-COMPRESSED	118.000	LF
524.1100	JOINT SEALER, HOT POURED	67.000	LF
525.3120	BRIDGE RAILING, GALVANIZED 2 RAIL BOX BEAM	384.000	LF
528.1000	ONE LANE TEMPORARY BRIDGE (2400 SF - EST.)(BRIDGE 89)	1.000	LS
528.1000	ONE LANE TEMPORARY BRIDGE (2400 SF - EST.)(BRIDGE 90)	1.000	LS
528.1000	ONE LANE TEMPORARY BRIDGE (900 SF - EST.)(BRIDGE 87)	1.000	LS
528.1000	ONE LANE TEMPORARY BRIDGE (900 SF - EST.)(BRIDGE 94)	1.000	LS
529.1500	REMOVAL OF STRUCTURE (14 FT X 9 FT X 97 FT CGMPPA)	1.000	EACH
529.1500	REMOVAL OF STRUCTURE (15 FT X 20 FT X 172 FT CGMPP)	1.000	EACH
529.1500	REMOVAL OF STRUCTURE (6 FT X 208 FT CGMPP)	1.000	EACH
529.1500	REMOVAL OF STRUCTURE (6 FT X 74 FT ACCGMPP)	1.000	EACH
531.1700	BEARING DEVICE ASSEMBLY, STEEL REINFORCED ELASTOMERIC PAD	20.000	EACH
540.1000	PRECAST CONCRETE STRUCTURE (11 FT X 8 FT X 57 FT BOX CULVERT)	1.000	LS
540.1000	PRECAST CONCRETE STRUCTURE (19 FT X 10 FT X 87 FT BOX CULVERT)	1.000	LS
541.2300	CONCRETE, CLASS C	450.000	CY
601.0815	18 INCH RCP CLASS III	160.000	LF
601.0915	18 INCH CPEP	105.000	LF
601.0920	24 INCH CPEP	70.000	LF
601.6815	18 INCH RCPES CLASS III	2.000	EACH
601.7015	18 INCH CPEPES	6.000	EACH
601.7020	24 INCH CPEPES	2.000	EACH
604.2000	PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE	4.000	EACH
608.2501	ALL-PURPOSE EXCAVATOR RENTAL, TYPE I	40.000	HR
613.0602	E-STONE FILL, TYPE II	90.000	CY
613.0603	E-STONE FILL, TYPE III	1,740.000	CY
613.0604	E-STONE FILL, TYPE IV	1,380.000	CY
613.1001	STONE FILL, TYPE I	607.000	CY
613.1002	STONE FILL, TYPE II	460.000	CY
613.1003	STONE FILL, TYPE III	1,200.000	CY
613.1004	STONE FILL, TYPE IV	1,360.000	CY
614.1000	TEMPORARY RELOCATION OF STREAM (BRIDGE 87)	1.000	EACH
614.1000	TEMPORARY RELOCATION OF STREAM (BRIDGE 89)	1.000	EACH
614.1000	TEMPORARY RELOCATION OF STREAM (BRIDGE 90)	1.000	EACH

614.1000	TEMPORARY RELOCATION OF STREAM (BRIDGE 94)	1.000	EACH
616.2702	CAST-IN-PLACE CONCRETE CURB, TYPE B	315.000	LF
616.3101	BITUMINOUS CONCRETE CURB, TYPE A	200.000	LF
617.1100	REMOVE AND RESET MAILBOX, SINGLE SUPPORT	3.000	EACH
619.1700	YIELDING MARKER POSTS	14.000	EACH
619.2000	REMOVING AND RESETTING PROPERTY MARKERS	2.000	EACH
621.0100	REMOVAL OF GUARDRAIL	3,185.000	LF
621.1060	STEEL BEAM GUARDRAIL	2,235.000	LF
621.1080	STEEL BEAM GUARDRAIL WITH 8 FOOT POSTS	210.000	LF
621.3030	MTS, MGS, TANGENT, TL-3	17.000	EACH
621.8120	GUARDRAIL APPROACH SECTION, 2 RAIL BOX BEAM	8.000	EACH
630.1000	UNIFORMED TRAFFIC OFFICERS	460.000	HR
630.1500	FLAGGERS	2,400.000	HR
631.1000	FIELD OFFICE, ENGINEER'S	1.000	LS
631.1600	TESTING EQUIPMENT, CONCRETE	1.000	LS
631.1700	TESTING EQUIPMENT, BITUMINOUS	1.000	LS
631.2600	FIELD OFFICE COMMUNICATIONS (N.A.B.I.)	6,000.000	DL
633.1000	CPM SCHEDULE	32.000	EACH
634.1000	EMPLOYEE TRAINEESHIP	1,040.000	HR
635.1100	MOBILIZATION/DEMOBILIZATION (BRIDGE 87)	1.000	LS
635.1100	MOBILIZATION/DEMOBILIZATION (BRIDGE 89)	1.000	LS
635.1100	MOBILIZATION/DEMOBILIZATION (BRIDGE 90)	1.000	LS
635.1100	MOBILIZATION/DEMOBILIZATION (BRIDGE 94)	1.000	LS
641.1100	TRAFFIC CONTROL, ALL-INCLUSIVE (BRIDGE 87)	1.000	LS
641.1100	TRAFFIC CONTROL, ALL-INCLUSIVE (BRIDGE 89)	1.000	LS
641.1100	TRAFFIC CONTROL, ALL-INCLUSIVE (BRIDGE 90)	1.000	LS
641.1100	TRAFFIC CONTROL, ALL-INCLUSIVE (BRIDGE 94)	1.000	LS
641.2200	TEMPORARY TRAFFIC CONTROL SIGNAL SYSTEM, PORTABLE	4.000	EACH
641.2200001	DRIVEWAY ASSISTANCE DEVICE (BRIDGE 87)	2.000	EACH
641.2200001	DRIVEWAY ASSISTANCE DEVICE (BRIDGE 90)	2.000	EACH
641.2200001	DRIVEWAY ASSISTANCE DEVICE (BRIDGE 94)	3.000	EACH
646.4040	DURABLE 4 INCH WHITE LINE, POLYUREA	5,190.000	LF
646.4140	DURABLE 4 INCH YELLOW LINE, POLYUREA	3,955.000	LF
646.4840	DURABLE 24 INCH STOP BAR, POLYUREA	30.000	LF
649.1100	GEOTEXTILE FOR ROADBED SEPARATOR	4,460.000	SY
649.3100	GEOTEXTILE UNDER STONE FILL	6,570.000	SY
651.1500	TURF ESTABLISHMENT, GENERAL SEED	14,920.000	SY
651.1600	TURF ESTABLISHMENT, SPECIALTY SEED	4,900.000	SY
651.3500	TOPSOIL	1,920.000	CY
651.4012	GRUBBING MATERIAL, 12 INCH	4,040.000	SY
653.0100	EPSC PLAN (BRIDGE 87)	1.000	LS
653.0100	EPSC PLAN (BRIDGE 89)	1.000	LS
653.0100	EPSC PLAN (BRIDGE 90)	1.000	LS
653.0100	EPSC PLAN (BRIDGE 94)	1.000	LS
653.0200	MONITORING EPSC PLAN	560.000	HR
653.0300	MAINTENANCE OF EPSC PLAN (N.A.B.I.) (BRIDGE 87)	4,000.000	DL
653.0300	MAINTENANCE OF EPSC PLAN (N.A.B.I.) (BRIDGE 89)	4,000.000	DL
653.0300	MAINTENANCE OF EPSC PLAN (N.A.B.I.) (BRIDGE 90)	4,000.000	DL
653.0300	MAINTENANCE OF EPSC PLAN (N.A.B.I.) (BRIDGE 94)	4,000.000	DL
653.1000	HAY MULCH	7.200	TON
653.1200	STRAW MULCH	3.000	TON
653.2001	ROLLED EROSION CONTROL PRODUCT, TYPE I	8,270.000	SY
653.2501	CHECK DAM, TYPE I	60.000	CY
653.3500	STABILIZED CONSTRUCTION ENTRANCE	140.000	CY
653.4001	INLET PROTECTION DEVICE, TYPE I	1.000	EACH
653.4500	FILTER BAG	6.000	EACH
653.4701	SILT FENCE, TYPE I	1,170.000	LF

653.4702	SILT FENCE, TYPE II	1,380.000	LF
653.5000	BARRIER FENCE	2,960.000	LF
653.5500	PROJECT DEMARCATION FENCE	2,065.000	LF
653.6000	EROSION LOG	385.000	LF
655.0020	WILDLIFE GUIDE FENCE	365.000	LF
656.1000	LIVE FASCINES	183.000	LF
656.2001	EVERGREEN TREES, SMALL	60.000	EACH
656.2003	EVERGREEN TREES, LARGE	9.000	EACH
656.3001	DECIDUOUS TREES, SMALL	11.000	EACH
656.3002	DECIDUOUS TREES, MEDIUM	8.000	EACH
656.3003	DECIDUOUS TREES, LARGE	3.000	EACH
656.3500	DECIDUOUS SHRUBS	166.000	EACH
656.6500	LANDSCAPE WATERING	90.000	MGAL
656.8000	LANDSCAPE BACKFILL, TRUCK MEASUREMENT	144.000	CY
656.8500	TREE PROTECTION	1.000	LS
656.8500	TREE PROTECTION (BRIDGE 87)	1.000	LS
675.2000	TRAFFIC SIGN, FLAT SHEET ALUMINUM	18.000	SF
675.3410	SQUARE TUBE SIGN POST AND ANCHOR	207.000	LF
675.5000	SIGN REMOVAL, FLAT SHEET ALUMINUM	18.000	EACH
675.6000	RESETTING SIGNS	6.000	EACH
676.1000	DELINEATOR WITH STEEL POST	17.000	EACH
676.1200	REMOVAL OF EXISTING DELINEATOR AND POST	15.000	EACH
690.0300	PRICE ADJUSTMENT, ASPHALT (N.A.B.I.)	4.000	DL

The estimates of quantities are not guaranteed, but are given as a basis for the comparison of bids.

The right is reserved to reject any or all bids, to waive any formality, and any and all technicalities in bids, and to accept such bids as may be deemed in the best interest of the awarding agency.