

### INVITATION FOR BIDS

Submitted bids will be opened electronically at 11:00 AM on **Friday, October 18, 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:** Located in the county of Bennington, in the town of Readsboro, on VT 100; Bridge 25 over the Deerfield River: approximately 5.0 miles south of the intersection of VT Route 100 and VT Route 8 in Readsboro.

**TYPE OF CONSTRUCTION:** Work to be performed under this project includes the removal of and replacement of Bridge 25 on alignment, with associated roadway and channel work.

**CONTRACT COMPLETION DATE:** This Contract shall be completed on or before **November 12, 2027**.

**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 H**.

**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 09, 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	1.000	LS
203.1500	COMMON EXCAVATION	10,885.000	CY
203.1600	SOLID ROCK EXCAVATION	250.000	CY
203.3200	GRANULAR BORROW	590.000	CY
204.2000	TRENCH EXCAVATION OF EARTH	860.000	CY
204.2100	TRENCH EXCAVATION OF ROCK	10.000	CY
204.2200	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	1.000	CY
204.2500	STRUCTURE EXCAVATION	375.000	CY
204.3000	GRANULAR BACKFILL FOR STRUCTURES	1,030.000	CY
208.3000	COFFERDAM EXCAVATION, EARTH	150.000	CY
208.3500	COFFERDAM EXCAVATION, ROCK	70.000	CY
208.4000	COFFERDAM	1.000	LS
210.1000	COARSE-MILLING, BITUMINOUS PAVEMENT	2,410.000	SY
221.1000	ROCK SLOPE STABILIZATION DOWEL	640.000	LF
221.1500	ROCK SLOPE STABILIZATION DOWEL TESTING	2.000	EACH
230.0010	DISPOSAL OF CONTAMINATED MATERIALS (N.A.B.I.)	7,000.000	DL
230.0030	PROJECT OPERATIONS PLAN	1.000	LS
230.0040	PROJECT OPERATIONS COMPLETION REPORT	1.000	LS
230.0050	ENVIRONMENTAL OVERSIGHT	500.000	HR
250.0100	CONSTRUCTION VIBRATION AND CRACK MONITORING	1.000	LS
301.3500	SUBBASE OF DENSE GRADED CRUSHED STONE	3,010.000	CY
402.1300	AGGREGATE SHOULDERS, RAP	200.000	TON
404.1100	TACK COAT, EMULSIFIED ASPHALT	50.000	CWT
406.0230	BITUMINOUS CONCRETE PAVEMENT, TYPE IIS, QA TIER III	570.000	TON
406.1430	BITUMINOUS CONCRETE PAVEMENT, TYPE IVSB, QA TIER III	930.000	TON
406.3400	BITUMINOUS CONCRETE PAVEMENT, NON-PAVER PLACED, TYPE IVS	35.000	SY
406.9100	PAY ADJUSTMENT, BCP, MIXTURE PROPERTIES (N.A.B.I.)	1.000	DL
406.9200	PAY ADJUSTMENT, BCP, MAT DENSITY (N.A.B.I.)	1.000	DL
501.3800	PERFORMANCE-BASED CONCRETE, CLASS PCS (FPQ)	760.000	CY
503.1000	DRILLED SHAFT IN EARTH	110.000	LF
503.1500	DRILLED SHAFT IN ROCK	24.000	LF
503.2000	DRILLED SHAFT OBSTRUCTION DRILLING AND REMOVAL	20.000	LF
503.2500	MOBILIZATION OF DRILLED SHAFT EQUIPMENT	1.000	LS
504.1000	FURNISHING EQUIPMENT FOR DRIVING PILING	1.000	LS
505.1900	STEEL PILING, HP 14 x 102	690.000	LF
505.4500	DYNAMIC PILE LOADING TEST	2.000	EACH
506.5500	STRUCTURAL STEEL, PLATE GIRDER (WEATHERING)(FPQ)	818,910.00	LB
		0	
507.1100	REINFORCING STEEL, LEVEL I (EPOXY COATED)(FPQ)	24,340.000	LB
507.1100	REINFORCING STEEL, LEVEL I (FPQ)	62,000.000	LB
507.1200	REINFORCING STEEL, LEVEL II (FPQ)	47,450.000	LB
507.1900	MECHANICAL BAR CONNECTOR	96.000	EACH
508.1500	SHEAR CONNECTORS (5508 - 7/8 X 7)	1.000	LS
514.1000	WATER REPELLENT, SILANE	80.000	GAL
516.1000001	BRIDGE EXPANSION JOINT, PRE-COMPRESSED	60.000	LF
519.1000	MEMBRANE WATERPROOFING, SPRAY APPLIED (FPQ)	1,200.000	SY
524.1100	JOINT SEALER, HOT POURED	60.000	LF

525.5100	BRIDGE RAILING, GALV. STEEL HAND RAIL/CONC. PARAPET COMB. (FPQ)	781.000	LF
528.1100	TWO LANE TEMPORARY BRIDGE (10800 SF - EST)	1.000	LS
529.1500	REMOVAL OF STRUCTURE (12900 SF - EST)	1.000	EACH
531.1500	BEARING DEVICE ASSEMBLY, HIGH LOAD MULTI-ROTATIONAL	8.000	EACH
541.2300	CONCRETE, CLASS C	90.000	CY
601.2615	18 INCH CPEP(SL)	420.000	LF
601.2620	24 INCH CPEP(SL)	140.000	LF
601.7015	18 INCH CPEPES	3.000	EACH
601.7020	24 INCH CPEPES	1.000	EACH
604.2000	PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE (4FT DIA)	3.000	EACH
604.2100	PRECAST REINFORCED CONCRETE MANHOLE WITH CAST IRON COVER (4FT DIA)	4.000	EACH
604.4000	CHANGING ELEVATION OF DIS, CATCH BASINS, OR MANHOLES	6.000	EACH
604.4101	REHABILITATING DIS, CATCH BASINS, OR MANHOLES, CLASS I	3.000	EACH
604.4200	CHANGING ELEVATION OF SEWER MANHOLES	6.000	EACH
604.4504	CAST IRON GRATE WITH FRAME, TYPE D	3.000	EACH
605.1012001	FRP BRIDGE DRAIN	2.000	EACH
609.1000	DUST CONTROL WITH WATER	510.000	MGAL
613.0604	E-STONE FILL, TYPE IV	65.000	CY
613.1001	STONE FILL, TYPE I	15.000	CY
613.1002	STONE FILL, TYPE II	2,930.000	CY
614.2000	IN-WATER SEDIMENT ISOLATION MEASURES	1.000	LS
616.2100	VERTICAL GRANITE CURB	490.000	LF
618.1005	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	250.000	SY
618.3000	DETECTABLE WARNING SURFACE	60.000	SF
619.1700	YIELDING MARKER POSTS	5.000	EACH
621.0100	REMOVAL OF GUARDRAIL	980.000	LF
621.1060	STEEL BEAM GUARDRAIL	182.000	LF
621.2300	BOX BEAM GUARDRAIL	450.000	LF
621.2600	STEEL BACKED TIMBER GUARDRAIL	75.000	LF
621.3030	MTS, MGS, TANGENT, TL-3	1.000	EACH
621.6021	BOX BEAM GUARDRAIL END ASSEMBLY, TYPE IIA	2.000	EACH
621.8120	GUARDRAIL APPROACH SECTION, 2 RAIL BOX BEAM	4.000	EACH
625.6002	WIRED CONDUIT, 2 INCH	560.000	LF
625.6003	WIRED CONDUIT, 3 INCH	280.000	LF
625.7000	POWER DROP STANCHION	1.000	EACH
625.7010	JUNCTION BOX	1.000	EACH
629.1700002	WATER MAIN ON BRIDGE, ALL-INCLUSIVE	1.000	LS
629.2800	ADJUST ELEVATION OF VALVE BOX	10.000	EACH
629.3600	RELOCATE HYDRANT	1.000	EACH
629.4300	TRANSFER TO NEW SYSTEM, WATER, ALL-INCLUSIVE	1.000	LS
630.1000	UNIFORMED TRAFFIC OFFICERS	600.000	HR
630.1500	FLAGGERS	2,900.000	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
631.1900	TESTING EQUIPMENT, GROUT	1.000	LS
631.2600	FIELD OFFICE COMMUNICATIONS (N.A.B.I.)	9,000.000	DL
633.1000	CPM SCHEDULE	40.000	EACH
634.1000	EMPLOYEE TRAINEESHIP	1,040.000	HR
635.1100	MOBILIZATION/DEMOBILIZATION	1.000	LS
641.1100	TRAFFIC CONTROL, ALL-INCLUSIVE	1.000	LS
641.1500	PORTABLE CHANGEABLE MESSAGE SIGN	7.000	EACH
646.2010	4 INCH WHITE LINE, WATERBORNE PAINT	2,400.000	LF
646.2111	4 INCH YELLOW LINE, WATERBORNE PAINT	2,380.000	LF

646.3010	LETTER OR SYMBOL, WATERBORNE PAINT	12.000	EACH
646.3110	CROSSWALK MARKING, WATERBORNE PAINT	30.000	LF
646.4040	DURABLE 4 INCH WHITE LINE, POLYUREA	680.000	LF
646.4140	DURABLE 4 INCH YELLOW LINE, POLYUREA	890.000	LF
646.4840	DURABLE 24 INCH STOP BAR, POLYUREA	100.000	LF
646.4940	DURABLE LETTER OR SYMBOL, POLYUREA	16.000	EACH
649.3100	GEOTEXTILE UNDER STONE FILL	4,460.000	SY
651.1500	TURF ESTABLISHMENT, GENERAL SEED	12,450.000	SY
651.3500	TOPSOIL	1,440.000	CY
651.4012	GRUBBING MATERIAL, 12 INCH	4,300.000	SY
653.0100	EPSC PLAN	1.000	LS
653.0200	MONITORING EPSC PLAN	440.000	HR
653.0300	MAINTENANCE OF EPSC PLAN (N.A.B.I.)	25,000.000	DL
653.1000	HAY MULCH	3.000	TON
653.2001	ROLLED EROSION CONTROL PRODUCT, TYPE I	7,570.000	SY
653.3500	STABILIZED CONSTRUCTION ENTRANCE	40.000	CY
653.4001	INLET PROTECTION DEVICE, TYPE I	3.000	EACH
653.4002	INLET PROTECTION DEVICE, TYPE II	10.000	EACH
653.4003	INLET PROTECTION DEVICE, TYPE III	20.000	CY
653.4500	FILTER BAG	20.000	EACH
653.4701	SILT FENCE, TYPE I	890.000	LF
653.4702	SILT FENCE, TYPE II	940.000	LF
653.5000	BARRIER FENCE	600.000	LF
653.5500	PROJECT DEMARCATION FENCE	1,710.000	LF
653.6000	EROSION LOG	2,260.000	LF
656.1200	TUBELINGS	2,114.000	EACH
656.6500	LANDSCAPE WATERING	109.000	MGAL
656.8500	TREE PROTECTION	1.000	LS
675.2000	TRAFFIC SIGN, FLAT SHEET ALUMINUM	154.000	SF
675.3410	SQUARE TUBE SIGN POST AND ANCHOR	315.000	LF
675.5000	SIGN REMOVAL, FLAT SHEET ALUMINUM	37.000	EACH
675.6000	RESETTING SIGNS	2.000	EACH
679.4600	STREET LIGHT ASSEMBLY	6.000	EACH
679.5400	STREET LIGHTING CONTROL DEVICE	1.000	EACH
690.0300	PRICE ADJUSTMENT, ASPHALT (N.A.B.I.)	1.000	DL
ALTERNATE - DECK ALTERNATES - CAST-IN-PLACE DECK			
501.3700	PERFORMANCE-BASED CONCRETE, CLASS PCD (FPQ)	560.000	CY
507.1200	REINFORCING STEEL, LEVEL II (FPQ)	142,350.000	LB
ALTERNATE - DECK ALTERNATES - PRESTRESSED DECK PANELS			
501.3700	PERFORMANCE-BASED CONCRETE, CLASS PCD (FPQ)	470.000	CY
507.1200	REINFORCING STEEL, LEVEL II (FPQ)	109,960.000	LB
510.4000	PRESTRESSED CONCRETE DECK PANELS (3 1/2 IN.)(FPQ)	8,920.000	SF
541.2000	CONCRETE, CLASS AA	22.000	CY

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.