

INVITATION FOR BIDS

Submitted bids will be opened electronically at 11:00 AM on **Friday, November 08, 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: THE BRIDGE IS LOCATED IN THE TOWN OF WATERBURY ON TOWN HIGHWAY 2 (STOWE STREET), APPROXIMATELY 150 FEET SOUTH OF THE INTERSECTION OF STOWE STREET, ROUTE 100 AND BLUSH HILL ROAD

TYPE OF CONSTRUCTION: REPLACEMENT OF THE EXISTING BRIDGE WITH A PRECAST CONCRETE FRAME STRUCTURE ALONG WITH RELATED ROADWAY, SIDEWALK, CHANNEL WORK AND SEWER RELOCATION

CONTRACT COMPLETION DATE: This Contract shall be completed on or before **October 24, 2025**.

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 E**.

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. All inquiries must be received by 4:30pm on Wednesday, October 30, 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
199.8121	LIQUIDATED DAMAGES, INTERIM COMPLETION DATE (N.A.B.I.)	1.000	DL
201.1000	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS	1.000	LS
203.1500	COMMON EXCAVATION	1,425.000	CY
203.1600	SOLID ROCK EXCAVATION	270.000	CY
203.2700	UNCLASSIFIED CHANNEL EXCAVATION	550.000	CY
204.2000	TRENCH EXCAVATION OF EARTH	260.000	CY
204.2200	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	1.000	CY
204.3000	GRANULAR BACKFILL FOR STRUCTURES	1,415.000	CY
208.3000	COFFERDAM EXCAVATION, EARTH	1,200.000	CY
208.3500	COFFERDAM EXCAVATION, ROCK	120.000	CY
208.4000	COFFERDAM (FRAME LEG 1)	1.000	LS
208.4000	COFFERDAM (FRAME LEG 2)	1.000	LS
210.1000	COARSE-MILLING, BITUMINOUS PAVEMENT	500.000	SY
301.3500	SUBBASE OF DENSE GRADED CRUSHED STONE	1,700.000	CY
402.1300	AGGREGATE SHOULDERS, RAP	40.000	TON
404.1100	TACK COAT, EMULSIFIED ASPHALT	20.000	CWT
406.0230	BITUMINOUS CONCRETE PAVEMENT, TYPE IIS, QA TIER III	320.000	TON
406.0330	BITUMINOUS CONCRETE PAVEMENT, TYPE IIIS, QA TIER III	245.000	TON
406.0430	BITUMINOUS CONCRETE PAVEMENT, TYPE IVS, QA TIER III	15.000	TON
406.3400	BITUMINOUS CONCRETE PAVEMENT, NON-PAVER PLACED, TYPE IVS	50.000	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
507.1100	REINFORCING STEEL, LEVEL I	1,000.000	LB
507.1200	REINFORCING STEEL, LEVEL II	1,510.000	LB
507.1600	DRILLING AND GROUTING DOWELS	250.000	LF
514.1000	WATER REPELLENT, SILANE	25.000	GAL
519.2000	MEMBRANE WATERPROOFING, TORCH APPLIED SHEET	530.000	SY
525.5000	BRIDGE RAILING, GALVANIZED STEEL TUBING/CONCRETE COMBINATION	124.000	LF
529.1500	REMOVAL OF STRUCTURE (REMOVAL OF BRIDGE NO.36)(1110 SF - EST)	1.000	EACH
529.1500	REMOVAL OF STRUCTURE (SANITARY SEWER MANHOLE)	2.000	EACH
540.1000	PRECAST CONCRETE STRUCTURE (FRAME WITH WINGWALLS)	1.000	LS
541.2300	CONCRETE, CLASS C	250.000	CY
601.2615	18 INCH CPEP(SL)	105.000	LF
601.7015	18 INCH CPEPES	2.000	EACH
604.2000	PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE	1.000	EACH
604.2000	PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE ((DEEP SUMP))	2.000	EACH
604.2200	SANITARY SEWER MANHOLE	5.000	EACH
604.4000	CHANGING ELEVATION OF DIS, CATCH BASINS, OR MANHOLES	1.000	EACH
604.4200	CHANGING ELEVATION OF SEWER MANHOLES	2.000	EACH
608.3002	POWER BROOM RENTAL, TYPE II	20.000	HR
613.1001	STONE FILL, TYPE I	65.000	CY
613.1004	STONE FILL, TYPE IV	700.000	CY
614.2000	IN-WATER SEDIMENT ISOLATION MEASURES (IN-WATER SEDIMENT ISOLATION DEVICE)	1.000	LS

616.2100	VERTICAL GRANITE CURB (18 INCH)	720.000	LF
616.2100	VERTICAL GRANITE CURB (24 INCH)	140.000	LF
616.2150	VERTICAL GRANITE CURB, MOUNTABLE	90.000	LF
618.1205	REINFORCED PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	300.000	SY
618.1208	REINFORCED PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH	15.000	SY
618.3000	DETECTABLE WARNING SURFACE	60.000	SF
618.4005	STAMPED CONCRETE APRON, 5 INCH	75.000	SY
618.4108	STAMPED CONCRETE ISLAND, 8 INCH	30.000	SY
619.1400	BOLLARDS	3.000	EACH
619.1700	YIELDING MARKER POSTS	2.000	EACH
621.0100	REMOVAL OF GUARDRAIL	475.000	LF
621.1260	HD STEEL BEAM GUARDRAIL	310.000	LF
621.1520	ANCHOR FOR STEEL BEAM GUARDRAIL	5.000	EACH
621.8330	GUARDRAIL APPROACH SECTION TO CONCRETE BRIDGE RAIL, TL-3	4.000	EACH
628.1532	PVC SEWER PIPE, ALL-INCLUSIVE, 8 INCH	190.000	LF
628.1540	PVC SEWER PIPE, ALL-INCLUSIVE, 10 INCH	100.000	LF
628.3100	SEWER CLEANOUT, ALL-INCLUSIVE	1.000	EACH
628.4300	TRANSFER TO NEW SYSTEM, SANITARY SEWER, ALL-INCLUSIVE	1.000	LS
629.2800	ADJUST ELEVATION OF VALVE BOX	4.000	EACH
630.1000	UNIFORMED TRAFFIC OFFICERS	200.000	HR
630.1500	FLAGGERS	1,200.000	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.)	3,000.000	DL
633.1000	CPM SCHEDULE	6.000	EACH
635.1100	MOBILIZATION/DEMOBILIZATION	1.000	LS
641.1100	TRAFFIC CONTROL, ALL-INCLUSIVE	1.000	LS
641.1500	PORTABLE CHANGEABLE MESSAGE SIGN	4.000	EACH
646.4030	DURABLE 4 INCH WHITE LINE, EPOXY PAINT	1,200.000	LF
646.4130	DURABLE 4 INCH YELLOW LINE, EPOXY PAINT	700.000	LF
646.4830	DURABLE 24 INCH STOP BAR, EPOXY PAINT	45.000	LF
646.4930	DURABLE LETTER OR SYMBOL, EPOXY PAINT	10.000	EACH
646.5030	DURABLE CROSSWALK MARKING, EPOXY PAINT	70.000	LF
646.6000	TEMPORARY 4 INCH WHITE LINE	1,200.000	LF
646.6100	TEMPORARY 4 INCH YELLOW LINE	700.000	LF
646.7600	LINE STRIPING TARGETS	260.000	EACH
649.1100	GEOTEXTILE FOR ROADBED SEPARATOR	1,660.000	SY
649.3100	GEOTEXTILE UNDER STONE FILL	900.000	SY
651.1600	TURF ESTABLISHMENT, SPECIALTY SEED	2,225.000	SY
651.3500	TOPSOIL	200.000	CY
651.4006	GRUBBING MATERIAL, 6 INCH	420.000	SY
651.4012	GRUBBING MATERIAL, 12 INCH	90.000	SY
653.0100	EPSC PLAN	1.000	LS
653.0200	MONITORING EPSC PLAN	10.000	HR
653.0300	MAINTENANCE OF EPSC PLAN (N.A.B.I.)	5,000.000	DL
653.1200	STRAW MULCH	0.500	TON
653.2001	ROLLED EROSION CONTROL PRODUCT, TYPE I	2,210.000	SY
653.3500	STABILIZED CONSTRUCTION ENTRANCE	45.000	CY
653.4002	INLET PROTECTION DEVICE, TYPE II	3.000	EACH
653.4500	FILTER BAG	4.000	EACH
653.4702	SILT FENCE, TYPE II	300.000	LF
653.5000	BARRIER FENCE	700.000	LF
653.6000	EROSION LOG	400.000	LF
656.1200	TUBELINGS	96.000	EACH
656.2002	EVERGREEN TREES, MEDIUM	2.000	EACH

656.2003	EVERGREEN TREES, LARGE	8.000	EACH
656.3002	DECIDUOUS TREES, MEDIUM	6.000	EACH
656.3003	DECIDUOUS TREES, LARGE	5.000	EACH
656.3500	DECIDUOUS SHRUBS	82.000	EACH
656.4100	PERENNIALS	15.000	EACH
656.6500	LANDSCAPE WATERING	15.000	MGAL
656.8000	LANDSCAPE BACKFILL, TRUCK MEASUREMENT	40.000	CY
656.8500	TREE PROTECTION	1.000	LS
675.2000	TRAFFIC SIGN, FLAT SHEET ALUMINUM	91.000	SF
675.3410	SQUARE TUBE SIGN POST AND ANCHOR	180.000	LF
675.5000	SIGN REMOVAL, FLAT SHEET ALUMINUM	15.000	EACH
675.6000	RESETTING SIGNS	2.000	EACH
678.1000	REMOVAL OF EXISTING TRAFFIC CONTROL SIGNAL SYSTEM	1.000	EACH
678.2030	TRAFFIC SIGNAL HEAD ASSEMBLY	1.000	EACH
690.0300	PRICE ADJUSTMENT, ASPHALT (N.A.B.I.)	1.000	DL
OPTION - Precast Option for Moment Slab 1 - Precast Concrete Structure			
540.1500	PRECAST CONCRETE STRUCTURE (MOMENT SLAB 1)	1.000	EACH
OPTION - Precast Option for Moment Slab 1 - Contractor Fabricated Precast Concrete			
543.1500	CONTRACTOR-FABRICATED PRECAST CONCRETE STRUCTURE (MOMENT SLAB 1)	1.000	EACH
OPTION - Precast Option for Moment Slab 2 - Precast Concrete Structure			
540.1500	PRECAST CONCRETE STRUCTURE (MOMENT SLAB 2)	1.000	EACH
OPTION - Precast Option for Moment Slab 2 - Contractor Fabricated Precast Concrete			
543.1500	CONTRACTOR-FABRICATED PRECAST CONCRETE STRUCTURE (MOMENT SLAB 2)	1.000	EACH

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.