

## INVITATION FOR BIDS

Submitted bids will be opened electronically at 11:00 AM on **Friday, September 13, 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:** BEGINNING AT A POINT ON US ROUTE 7 AT THE WINOOSKI-COLCHESTER TOWN LINE EXTENDING NORTHERLY FOR A DISTANCE OF APPROXIMATELY 5563 FEET (1.053 MILES) TO A POINT 75 FEET NORTH OF THE INTERSECTION OF US ROUTE 7 AND SUNDERLAND WOODS IN THE TOWN OF COLCHESTER. ALSO AT THE INTERSECTION OF MAIN AND TIGAN STREETS IN WINOOSKI CITY.

**TYPE OF CONSTRUCTION:** WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES THE CONSTRUCTION OF A DIVERGING DIAMOND INTERCHANGE, WIDENING OF EXISTING ROADWAY FOR NEW TURN LANES, COLD PLANING, AND RESURFACING, DRAINAGE, NEW TRAFFIC SIGNAL EQUIPMENT, NEW LIGHTING, NEW SIGNING AND OTHER ROADWAY RELATED WORK. IN ADDITION, TRAFFIC SIGNAL EQUIPMENT AT THE TIGAN STREET/MAIN STREET INTERSECTION IN THE CITY OF WINOOSKI WILL BE UPGRADED.

**CONTRACT COMPLETION DATE:** This Contract shall be completed on or before **October 14, 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, September 04, 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	27,065.000	CY
203.1600	SOLID ROCK EXCAVATION	5,602.000	CY
203.2000	MUCK EXCAVATION	229.000	CY
203.3000001	CLAY BORROW	391.000	CY
203.3100	SAND BORROW	8,820.000	CY
204.2000	TRENCH EXCAVATION OF EARTH	4,079.000	CY
204.2100	TRENCH EXCAVATION OF ROCK	121.000	CY
204.2200	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	2.000	CY
204.3000	GRANULAR BACKFILL FOR STRUCTURES	895.000	CY
205.1000	DRILLING AND BLASTING OF SOLID ROCK SUBGRADE	806.000	SY
210.1000	COARSE-MILLING, BITUMINOUS PAVEMENT	48,665.000	SY
225.0500	RETAINING WALL, CONCRETE (WALL 3)	1.000	LS
225.0500	RETAINING WALL, CONCRETE (WALL 4)	1.000	LS
250.0100	CONSTRUCTION VIBRATION AND CRACK MONITORING	1.000	LS
301.3500	SUBBASE OF DENSE GRADED CRUSHED STONE	14,370.000	CY
402.1200	AGGREGATE SHOULDERS	32.000	TON
404.1100	TACK COAT, EMULSIFIED ASPHALT	525.000	CWT
406.0210	BITUMINOUS CONCRETE PAVEMENT, TYPE IIS, QA TIER I	7,489.000	TON
406.0320	BITUMINOUS CONCRETE PAVEMENT, TYPE IIIS, QA TIER II	1,565.000	TON
406.0410	BITUMINOUS CONCRETE PAVEMENT, TYPE IVS, QA TIER I	4,129.000	TON
406.2400	BITUMINOUS CONCRETE PAVEMENT, SURFACE PREPARATION, TYPE IVS	50.500	TON
406.3400	BITUMINOUS CONCRETE PAVEMENT, NON-PAVER PLACED, TYPE IVS	1,419.000	SY
406.9100	PAY ADJUSTMENT, BCP, MIXTURE PROPERTIES (N.A.B.I.)	2.000	DL
406.9200	PAY ADJUSTMENT, BCP, MAT DENSITY (N.A.B.I.)	2.000	DL
406.9400	PAY ADJUSTMENT, BCP, PAVEMENT ROUGHNESS (N.A.B.I.)	2.000	DL
507.1100	REINFORCING STEEL, LEVEL I	7,032.000	LB
514.1000	WATER REPELLENT, SILANE	5.000	GAL
525.5400001	CONCRETE SINGLE SLOPE BARRIER	342.000	LF
541.2200	CONCRETE, CLASS B	126.000	CY
541.4500	FLOWABLE FILL	34.000	CY
601.2615	18 INCH CPEP(SL)	734.000	LF
601.2620	24 INCH CPEP(SL)	299.000	LF
601.2625	30 INCH CPEP(SL)	370.000	LF
601.2630	36 INCH CPEP(SL)	153.000	LF
601.7015	18 INCH CPEPES	4.000	EACH
601.7020	24 INCH CPEPES	4.000	EACH
601.7025	30 INCH CPEPES	3.000	EACH
601.7030	36 INCH CPEPES	1.000	EACH
601.9950	CLEANING CULVERT PIPE, IN-PLACE (0 TO 24 INCHES, INCLUSIVE)	2,710.000	LF
604.1800	PRECAST REINFORCED CONCRETE DI WITH CAST IRON GRATE	11.000	EACH

604.2000	PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE	11.000	EACH
604.2100	PRECAST REINFORCED CONCRETE MANHOLE WITH CAST IRON COVER	4.000	EACH
604.4000	CHANGING ELEVATION OF DIS, CATCH BASINS, OR MANHOLES	7.000	EACH
604.4101	REHABILITATING DIS, CATCH BASINS, OR MANHOLES, CLASS I	21.000	EACH
604.4200	CHANGING ELEVATION OF SEWER MANHOLES	4.000	EACH
604.4501	CAST IRON GRATE WITH FRAME, TYPE A	1.000	EACH
604.4502	CAST IRON GRATE WITH FRAME, TYPE B	1.000	EACH
604.4505	CAST IRON GRATE WITH FRAME, TYPE E	2.000	EACH
604.5500	CAST IRON COVER WITH FRAME	1.000	EACH
605.1008	UNDERDRAIN PIPE, 8 INCH	2,643.000	LF
605.2008	UNDERDRAIN CARRIER PIPE, 8 INCH	175.000	LF
605.9500	UNDERDRAIN FLUSHING BASIN	14.000	EACH
608.2502	ALL-PURPOSE EXCAVATOR RENTAL, TYPE II	16.000	HR
608.3002	POWER BROOM RENTAL, TYPE II	16.000	HR
608.3700	TRUCK RENTAL	16.000	HR
609.1000	DUST CONTROL WITH WATER	1,061.000	MGAL
610.1000	GNSS MACHINE CONTROL GRADING	1.000	LS
610.2000	GNSS CONSTRUCTION INSPECTION EQUIPMENT	2.000	EACH
610.2500	GNSS CONSTRUCTION INSPECTION SURFACE MODELS	1.000	LS
613.1001	STONE FILL, TYPE I	114.000	CY
613.1002	STONE FILL, TYPE II	100.000	CY
613.1510	RIPRAP, LIGHT TYPE	4.000	CY
616.2000	GRANITE SLOPE EDGING	1,480.000	LF
616.2100	VERTICAL GRANITE CURB	3,038.000	LF
616.2150	VERTICAL GRANITE CURB, MOUNTABLE	2,738.000	LF
616.2702	CAST-IN-PLACE CONCRETE CURB, TYPE B	1,098.000	LF
616.4100	REMOVAL OF EXISTING CURB	299.000	LF
617.1100	REMOVE AND RESET MAILBOX, SINGLE SUPPORT	3.000	EACH
618.1005	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	2,253.000	SY
618.1008	PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH	159.000	SY
618.3000	DETECTABLE WARNING SURFACE	442.000	SF
618.4108	STAMPED CONCRETE ISLAND, 8 INCH	769.000	SY
619.1700	YIELDING MARKER POSTS	26.000	EACH
620.1006	CHAIN-LINK FENCE, 6 FOOT	100.000	LF
620.1008	CHAIN-LINK FENCE, 8 FOOT	159.000	LF
620.1506	GATE FOR CHAIN-LINK FENCE, 6 FOOT	12.000	LF
620.1508	GATE FOR CHAIN-LINK FENCE, 8 FOOT	16.000	LF
620.2006	BRACING ASSEMBLY FOR CHAIN-LINK FENCE, 6 FOOT	4.000	EACH
620.2008	BRACING ASSEMBLY FOR CHAIN-LINK FENCE, 8 FOOT	2.000	EACH
620.5500	REMOVAL OF EXISTING FENCE	189.000	LF
621.0100	REMOVAL OF GUARDRAIL	699.000	LF
621.0200	REMOVE AND RESET TEMPORARY TRAFFIC BARRIER	2,000.000	LF
621.1060	STEEL BEAM GUARDRAIL	949.000	LF
621.2400	TEMPORARY TRAFFIC BARRIER	2,000.000	LF
621.3020	MTS, MGS, TANGENT, TL-2	8.000	EACH
621.7130	ENERGY ABSORPTION ATTENUATOR, PERMANENT, TL-3	2.000	EACH
622.1000	INSULATION BOARD	0.010	MFBM
625.3012	SLEEVES FOR UTILITIES, STEEL, 12 INCH	1,466.000	LF
625.6000001	TRAFFIC SIGNAL INTERCONNECTION CABLE	4,460.000	LF
625.6002	WIRED CONDUIT, 2 INCH	11,657.000	LF
625.6003	WIRED CONDUIT, 3 INCH	399.000	LF
625.7010	JUNCTION BOX	40.000	EACH
629.2800	ADJUST ELEVATION OF VALVE BOX	29.000	EACH
629.3600	RELOCATE HYDRANT	1.000	EACH
630.1000	UNIFORMED TRAFFIC OFFICERS	3,450.000	HR

630.1500	FLAGGERS	22,300.000	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	30.000	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
641.1200	MAINTENANCE OF PEDESTRIAN TRAFFIC	1.000	LS
641.1500	PORTABLE CHANGEABLE MESSAGE SIGN	6.000	EACH
641.1600	PORTABLE ARROW BOARD	6.000	EACH
641.2100	TEMPORARY TRAFFIC CONTROL SIGNAL SYSTEM, FIXED	3.000	EACH
646.4040	DURABLE 4 INCH WHITE LINE, POLYUREA	741.000	LF
646.4080	DURABLE 4 INCH WHITE LINE, RECESSED THERMOPLASTIC	20,746.000	LF
646.4180	DURABLE 4 INCH YELLOW LINE, RECESSED THERMOPLASTIC	18,286.000	LF
646.4280	DURABLE 6 INCH WHITE LINE, RECESSED THERMOPLASTIC	1,742.000	LF
646.4380	DURABLE 6 INCH YELLOW LINE, RECESSED THERMOPLASTIC	704.000	LF
646.4480	DURABLE 8 INCH WHITE LINE, RECESSED THERMOPLASTIC	290.000	LF
646.4580	DURABLE 8 INCH YELLOW LINE, RECESSED THERMOPLASTIC	2,272.000	LF
646.4680	DURABLE 12 INCH WHITE LINE, RECESSED THERMOPLASTIC	1,550.000	LF
646.4880	DURABLE 24 INCH STOP BAR, RECESSED THERMOPLASTIC	691.000	LF
646.4940	DURABLE LETTER OR SYMBOL, POLYUREA	40.000	EACH
646.4980	DURABLE LETTER OR SYMBOL, RECESSED THERMOPLASTIC	253.000	EACH
646.5080	DURABLE CROSSWALK MARKING, RECESSED THERMOPLASTIC	663.000	LF
646.6000	TEMPORARY 4 INCH WHITE LINE	136,356.000	LF
646.6100	TEMPORARY 4 INCH YELLOW LINE	24,240.000	LF
646.6800	TEMPORARY 24 INCH STOP BAR	660.000	LF
646.6900	TEMPORARY LETTER OR SYMBOL	121.000	EACH
646.7020	TEMPORARY CROSSWALK MARKING, PAINT	660.000	LF
646.7600	LINE STRIPING TARGETS	1,841.000	EACH
646.9001	COLORED PAVEMENT MARKINGS, GREEN	2,957.000	SF
649.1100	GEOTEXTILE FOR ROADBED SEPARATOR	14,558.000	SY
649.3100	GEOTEXTILE UNDER STONE FILL	115.000	SY
651.1500	TURF ESTABLISHMENT, GENERAL SEED	32,205.000	SY
651.1600	TURF ESTABLISHMENT, SPECIALTY SEED	1,075.000	SY
651.1800	TURF ESTABLISHMENT, SOD	645.000	SY
651.3500	TOPSOIL	3,612.000	CY
651.4012	GRUBBING MATERIAL, 12 INCH	289.000	SY
653.0100	EPSC PLAN	1.000	LS
653.0200	MONITORING EPSC PLAN	240.000	HR
653.0300	MAINTENANCE OF EPSC PLAN (N.A.B.I.)	10,000.000	DL
653.1000	HAY MULCH	13.000	TON
653.2001	ROLLED EROSION CONTROL PRODUCT, TYPE I	4,027.000	SY
653.2501	CHECK DAM, TYPE I	178.000	CY
653.3500	STABILIZED CONSTRUCTION ENTRANCE	22.000	CY
653.4001	INLET PROTECTION DEVICE, TYPE I	19.000	EACH
653.4002	INLET PROTECTION DEVICE, TYPE II	38.000	EACH
653.4003	INLET PROTECTION DEVICE, TYPE III	26.000	CY
653.4701	SILT FENCE, TYPE I	1,468.000	LF
653.5000	BARRIER FENCE	1,374.000	LF
653.5500	PROJECT DEMARCATION FENCE	6,080.000	LF
656.2002	EVERGREEN TREES, MEDIUM	57.000	EACH
656.2500	EVERGREEN SHRUBS	400.000	EACH
656.3002	DECIDUOUS TREES, MEDIUM	25.000	EACH
656.3003	DECIDUOUS TREES, LARGE	22.000	EACH

656.3500	DECIDUOUS SHRUBS	1,235.000	EACH
656.6500	LANDSCAPE WATERING	3.000	MGAL
656.6500001	REMOVE AND RESET PRIVATE IRRIGATION SYSTEM	1.000	EACH
656.8000	LANDSCAPE BACKFILL, TRUCK MEASUREMENT	948.000	CY
656.8500	TREE PROTECTION	1.000	LS
675.2000	TRAFFIC SIGN, FLAT SHEET ALUMINUM	1,587.000	SF
675.2100	TRAFFIC SIGN, EXTRUDED ALUMINUM	1,933.000	SF
675.3300	TUBULAR STEEL SIGN POST	684.000	LB
675.3410	SQUARE TUBE SIGN POST AND ANCHOR	1,995.000	LF
675.3500	SOIL BEARING SLIP BASE	10.000	EACH
675.4300	FOUNDATION FOR TUBULAR STEEL POST	6.000	EACH
675.5000	SIGN REMOVAL, FLAT SHEET ALUMINUM	113.000	EACH
675.5100	SIGN REMOVAL, EXTRUDED ALUMINUM	4.000	EACH
676.1000	DELINEATOR WITH STEEL POST	15.000	EACH
677.1300	OVERHEAD TRAFFIC SIGN SUPPORT, MULTI-SUPPORT	4.000	EACH
677.1300001	BRIDGE-MOUNTED OVERHEAD TRAFFIC SIGN SUPPORT	4.000	EACH
678.1000	REMOVAL OF EXISTING TRAFFIC CONTROL SIGNAL SYSTEM	7.000	EACH
678.2005	CABINET ASSEMBLY	6.000	EACH
678.2005001	NATURAL GAS-POWERED BACKUP GENERATOR	2.000	EACH
678.2010	MAST ARM POLE FOUNDATION	24.000	EACH
678.2015	PEDESTAL POST ASSEMBLY	18.000	EACH
678.2020	PEDESTRIAN SIGNAL ASSEMBLY	22.000	EACH
678.2020001	RRFB, AC-POWERED, SINGLE SIDED	12.000	EACH
678.2025	TRAFFIC SIGNAL ASSEMBLY	24.000	EACH
678.2030	TRAFFIC SIGNAL HEAD ASSEMBLY	75.000	EACH
678.2040	VEHICLE DETECTION SYSTEM	6.000	EACH
678.2045	PAN-TILT-ZOOM CAMERA	7.000	EACH
678.2050	EMERGENCY VEHICLE PREEMPTION SYSTEM	6.000	EACH
679.2400	REMOVE STREET LIGHT ASSEMBLY	17.000	EACH
679.2500	REMOVE AND RESET LIGHT POLE	2.000	EACH
679.2600	REMOVE AND RESET PRIVATE LIGHT ASSEMBLY	7.000	EACH
679.4600	STREET LIGHT ASSEMBLY	36.000	EACH
679.4700	BRACKET ARM	15.000	EACH
679.5000	LUMINAIRE	19.000	EACH
679.5400	STREET LIGHTING CONTROL DEVICE	6.000	EACH
690.0300	PRICE ADJUSTMENT, ASPHALT (N.A.B.I.)	2.000	DL
690.0400	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	2.000	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.