

## INVITATION FOR BIDS

Submitted bids will be publicly announced starting at 11:00 a.m. prevailing time on Friday, December 22, 2017; at VTrans, One National Life Drive, Montpelier, VT. The time of receiving and opening bids may be postponed due to emergencies or unforeseen conditions.

**LOCATION:** WORK TO BE PERFORMED UNDER THIS PROJECT IS LOCATED ALONG THE WASHINGTON COUNTY RAILROAD AT SIX GRADE CROSSING LOCATIONS IN THE TOWNS OF ST. JOHNSBURY AND LYNDON.

**TYPE OF CONSTRUCTION:** THE PROPOSED WORK INCLUDES THE REMOVAL AND REPLACEMENT OF SIX GRADE CROSSING ACTIVE WARNING SYSTEMS; THREE IN THE TOWN OF LYNDON AND THREE IN THE TOWN OF ST. JOHNSBURY; THE RECONSTRUCTION OF TWO EXISTING GRADE CROSSING SURFACE LOCATIONS IN THE TOWN OF LYNDON; AND SIGNING AND PAVEMENT MARKING UPGRADES AT ALL SIX CROSSING LOCATIONS.

**CONTRACT COMPLETION DATE:** The Contract shall be completed on or before October 01, 2018.

**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 C.

**PLANS AND PROPOSALS MAY BE OBTAINED AT NO COST BY:** Clicking on the following link then selecting and submitting the "Request For Plans" form for the project you are requesting. <http://vtrans.vermont.gov/contract-admin/construction/advertised-projects>

**QUESTIONS:** During the advertisement period for this proposal, all questions shall be addressed solely to the Office of Contract Administration via e-mail: [AOT.ConstructionContractingInquiry@vermont.gov](mailto:AOT.ConstructionContractingInquiry@vermont.gov)

**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: <http://vtrans.vermont.gov/sites/aot/files/contractadmin/documents/PreQualCA82.pdf>

**JOINT VENTURES:** Two or more Prequalified entities may combine all or a portion of their assets, equipment, personnel, and experience for the purpose of bidding on a single Agency contract by providing a written request to obtain Contract Specific Prequalification as a Joint Venture for a specific contract. Please refer to section 5.07 of the Policies and Procedures on Prequalification, Bidding and Award of Contracts, available at: <http://vtrans.vermont.gov/contract-admin/construction>

**STANDARD SPECIFICATIONS:** The work under this Contract shall be performed in accordance with the 2011 STANDARD SPECIFICATIONS FOR CONSTRUCTION, as modified. The Standard Specifications are available on the VTrans website. <http://vtrans.vermont.gov/contract-admin/construction/2011-standard-specifications>

**MINIMUM LABOR AND TRUCK RATES:** For the project are included in the advertised specification and bid proposal and such rates shall be a part of the Contract for this project.

**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 such 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.

**NOTICE TO BIDDERS-MANDATORY ELECTRONIC BIDDING:** Bidders are hereby notified that only two-way electronic bids will be accepted by the Agency for this proposal. For information on electronic bidding with the Agency, please visit our website at <http://vtrans.vermont.gov/contract-admin/construction/electronic-bidding>

**RAILROAD PROTECTIVE LIABILITY INSURANCE.** Prospective Bidders/Contractors are hereby notified that Railroad Protective Liability Insurance is required for this Contract in accordance with Subsection 103.04(d) of the 2011 STANDARD SPECIFICATIONS FOR CONSTRUCTION. The Railroad Protective Liability Form is not included in the Proposal. The form will be provided by the successful Bidder's insurance company.

TELECOMMUNICATIONS RELAY SERVICE  
TTY/TDD 1-800-253-0191

**APPROXIMATE ESTIMATE OF QUANTITIES**

ITEM NO.	LINE NO.	DESCRIPTION	QUANTITY	UNITS
201.11	0005	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS	0.100	ACRE
203.15	0010	COMMON EXCAVATION	400.000	CY
204.20	0015	TRENCH EXCAVATION OF EARTH	60.000	CY
204.22	0020	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	1.000	CY
204.30	0025	GRANULAR BACKFILL FOR STRUCTURES	15.000	CY
210.10	0030	COLD PLANING, BITUMINOUS PAVEMENT	2,050.000	SY
301.28	0035	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	10.000	TON
406.50	0040	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	1.000	LU
514.10	0045	WATER REPELLENT, SILANE	5.000	GAL
601.2615	0050	18" CPEP(SL)	55.000	LF
604.42	0055	CHANGING ELEVATION OF SEWER MANHOLES	3.000	EACH
605.10	0060	6 INCH UNDERDRAIN PIPE	265.000	LF
605.20	0065	6 INCH UNDERDRAIN CARRIER PIPE	65.000	LF
608.25	0070	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	32.000	HR
608.30	0075	POWER BROOM RENTAL, TYPE I	32.000	HR
608.37	0080	TRUCK RENTAL	64.000	HR
616.28	0085	CAST-IN-PLACE CONCRETE CURB, TYPE B	30.000	LF
616.41	0090	REMOVAL OF EXISTING CURB	30.000	LF
618.10	0095	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	30.000	SY
618.30	0100	DETECTABLE WARNING SURFACE	30.000	SF
619.14	0105	BOLLARDS	4.000	EACH
619.17	0110	YIELDING MARKER POSTS	2.000	EACH
629.20	0115	ADJUST ELEVATION OF VALVE BOX	1.000	EACH
630.10	0120	UNIFORMED TRAFFIC OFFICERS	800.000	HR
630.15	0125	FLAGGERS	800.000	HR
631.16	0130	TESTING EQUIPMENT, CONCRETE	1.000	LS
631.17	0135	TESTING EQUIPMENT, BITUMINOUS	1.000	LS
635.11	0140	MOBILIZATION/DEMOBILIZATION	1.000	LS
641.15	0145	PORTABLE CHANGEABLE MESSAGE SIGN	4.000	EACH
646.85	0150	REMOVAL OF EXISTING PAVEMENT MARKINGS	290.000	SF
649.21	0155	GEOTEXTILE UNDER RAILROAD BALLAST	960.000	SY
649.51	0160	GEOTEXTILE FOR SILT FENCE	600.000	SY
651.15	0165	SEED	20.000	LB
651.25	0170	HAY MULCH	2.000	TON
651.35	0175	TOPSOIL	50.000	CY
653.35	0180	VEHICLE TRACKING PAD	30.000	CY
653.55	0185	PROJECT DEMARCATION FENCE	525.000	LF
675.20	0190	TRAFFIC SIGNS, TYPE A	49.000	SF
675.341	0195	SQUARE TUBE SIGN POST AND ANCHOR	190.000	LF
675.50	0200	REMOVING SIGNS	30.000	EACH
675.60	0205	ERECTING SALVAGED SIGNS	29.000	EACH

ITEM NO.	LINE NO.	DESCRIPTION	QUANTITY	UNITS
678.21	0210	ELECTRICAL CONDUIT (4")(PCGSRM)	305.000	LF
690.50	0215	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	1.000	LU
900.615	0220	SPECIAL PROVISION (MAINTENANCE OF RAILROAD TRAFFIC)(N.A.B.I.)	40,000.000	DL
900.620	0225	SPECIAL PROVISION (CPM SCHEDULE)	6.000	EACH
900.620	0230	SPECIAL PROVISION (INSULATED JOINTS)	2.000	EACH
900.620	0235	SPECIAL PROVISION (LED BLANK OUT SIGNS)	1.000	EACH
900.620	0240	SPECIAL PROVISION (RAISE, ALIGN AND SURFACE TURNOUT)(NO. 10 TURNOUT)	2.000	EACH
900.620	0245	SPECIAL PROVISION (REMOVAL AND REPLACEMENT OF CROSS TIES)(10'-0" TIES)	62.000	EACH
900.620	0250	SPECIAL PROVISION (REMOVAL AND REPLACEMENT OF CROSS TIES)(8'-6" TIES)	125.000	EACH
900.620	0255	SPECIAL PROVISION (REMOVAL AND REPLACEMENT OF CROSS TIES)(9'-0" TIES)	35.000	EACH
900.640	0260	SPECIAL PROVISION (BAND JOINT @ PRECAST CONCRETE RAILROAD CROSSING)	144.000	LF
900.640	0265	SPECIAL PROVISION (CONTINUOUS WELDED RAIL)	670.000	LF
900.640	0270	SPECIAL PROVISION (RAISE, ALIGN, AND SURFACE TRACK)	1,050.000	LF
900.640	0275	SPECIAL PROVISION (REMOVAL AND REPLACEMENT OF TURNOUT TIMBER)	450.000	LF
900.645	0280	SPECIAL PROVISION (PRECAST CONCRETE PANEL GRADE CROSSING SURFACE)(AARDOT 850-917P)	1.000	LS
900.645	0285	SPECIAL PROVISION (PRECAST CONCRETE PANEL GRADE CROSSING SURFACE)(AARDOT 850-918W)	1.000	LS
900.645	0290	SPECIAL PROVISION (RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM)(AARDOT 850-917P)	1.000	LS
900.645	0295	SPECIAL PROVISION (RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM)(AARDOT 850-935M)	1.000	LS
900.645	0300	SPECIAL PROVISION (RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM)(AARDOT 850-938H)	1.000	LS
900.645	0305	SPECIAL PROVISION (RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM)(AARDOT 850-939P)	1.000	LS
900.645	0310	SPECIAL PROVISION (RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM)(AARDOT 850-918W & AARDOT 850-919D)	1.000	LS
900.645	0315	SPECIAL PROVISION (TRAFFIC CONTROL, ALL-INCLUSIVE)	1.000	LS
900.650	0320	SPECIAL PROVISION (MAT DENSITY PAY ADJUSTMENT, SMALL QUANTITY)(N.A.B.I.)	1.000	LU
900.650	0325	SPECIAL PROVISION (MIXTURE PAY ADJUSTMENT)(N.A.B.I.)	1.000	LU
900.675	0330	SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)	25.000	SY
900.680	0335	SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY)	325.000	TON
900.680	0340	SPECIAL PROVISION (RAILROAD BALLAST)	1,400.000	TON
404.65 AA1	0345	EMULSIFIED ASPHALT	6.000	CWT
900.683 AA2	0350	SPECIAL PROVISION (EMULSIFIED ASPHALT) (RS-1H OR CRS-1H)	6.000	CWT
646.402 BB1	0355	DURABLE 4 INCH WHITE LINE, THERMOPLASTIC	190.000	LF
646.403 BB2	0360	DURABLE 4 INCH WHITE LINE, EPOXY PAINT	190.000	LF
646.404 BB3	0365	DURABLE 4 INCH WHITE LINE, POLYUREA	190.000	LF
646.412 CC1	0370	DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC	280.000	LF
646.413 CC2	0375	DURABLE 4 INCH YELLOW LINE, EPOXY PAINT	280.000	LF
646.414 CC3	0380	DURABLE 4 INCH YELLOW LINE, POLYUREA	280.000	LF
646.482 DD1	0385	DURABLE 24 INCH STOP BAR, THERMOPLASTIC	100.000	LF
646.483 DD2	0390	DURABLE 24 INCH STOP BAR, EPOXY PAINT	100.000	LF
646.484 DD3	0395	DURABLE 24 INCH STOP BAR, POLYUREA	100.000	LF
646.492 EE1	0400	DURABLE LETTER OR SYMBOL, THERMOPLASTIC	4.000	EACH
646.493 EE2	0405	DURABLE LETTER OR SYMBOL, EPOXY PAINT	4.000	EACH

ITEM NO.	LINE NO.	DESCRIPTION	QUANTITY	UNITS
646.494 EE3	0410	DURABLE LETTER OR SYMBOL, POLYUREA	4.000	EACH
646.512 FF1	0415	DURABLE RAILROAD CROSSING SYMBOL, THERMOPLASTIC	2.000	EACH
646.513 FF2	0420	DURABLE RAILROAD CROSSING SYMBOL, EPOXY PAINT	2.000	EACH
646.514 FF3	0425	DURABLE RAILROAD CROSSING SYMBOL, POLYUREA	2.000	EACH

The estimate 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.

Sincerely,

Louise O'Connor  
Contract Specialist