

**INVITATION FOR BIDS**

Submitted bids will be publicly announced starting at 11:00 a.m. prevailing time on Friday, **April 20, 2018**; 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: ESSEX NH 2931 (2)** - BEGINNING ON VT ROUTE 117 IN THE TOWN OF ESSEX AT MILE MARKER 1.255 = STA. 66+25.00 AND RUNNING EAST ALONG VT ROUTE 117 FOR A DISTANCE OF 16758.00 FT (3.174 MILES) AND ENDING ON VT ROUTE 117 IN THE TOWN OF ESSEX AT MILE MARKER 4.429 = STA. 233+83 AT THE TOWN LINE OF ESSEX / JERICHO.

**LOCATION: JERICHO-RICHMOND STP 2931 (1)** - BEGINNING ON VT ROUTE 117 AT THE ESSEX/JERICHO TOWN LINE AT MILE MARKER 0.000 = STA. A 0+000.00 AND EXTENDING EASTERLY ALONG VT ROUTE 117 FOR A DISTANCE OF APPROXIMATELY 18,986.00 FT (3.596 MILES) AND ENDING AT THE INTERSECTION OF US ROUTE 2 MILE MARKER 0.703 = STA. B 37+10.00 IN THE TOWN OF RICHMOND.

**TYPE OF CONSTRUCTION: ESSEX NH 2931 (2)** - WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING, RECLAIMING, CORRECTING SUPERELEVATION DEFICIENCIES, RESURFACING WITH BASE, INTERMEDIATE, AND WEARING COURSES, NEW PAVEMENT MARKINGS, GUARDRAIL, DRAINAGE AND OTHER RELATED HIGHWAY ITEMS.

**TYPE OF CONSTRUCTION: JERICHO-RICHMOND STP 2931 (1)** - WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING, RECLAIMING, CORRECTING SUPERELEVATION DEFICIENCIES, RESURFACING WITH BASE, INTERMEDIATE, AND WEARING COURSES, NEW PAVEMENT MARKINGS, GUARDRAIL, DRAINAGE AND OTHER RELATED HIGHWAY ITEMS.

**CONTRACT COMPLETION DATE:** The Contract shall be completed on or before **October 11, 2019**.

**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:** 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>

TELECOMMUNICATIONS RELAY SERVICE

TTY/TDD 1-800-253-0191

**APPROXIMATE ESTIMATE OF QUANTITIES**

ITEM NO.	LINE NO.	DESCRIPTION	QUANTITY	UNITS
201.10	0005	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS (NH 2931(2))	1.000	LS
201.10	0010	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS (STP 2931(1))	1.000	LS
203.15	0015	COMMON EXCAVATION	9,800.000	CY
203.16	0020	SOLID ROCK EXCAVATION	115.000	CY
203.30	0025	EARTH BORROW	1,250.000	CY
204.20	0030	TRENCH EXCAVATION OF EARTH	7,050.000	CY
204.21	0035	TRENCH EXCAVATION OF ROCK	1,066.000	CY
204.22	0040	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	2.000	CY
204.25	0045	STRUCTURE EXCAVATION	1,060.000	CY
204.30	0050	GRANULAR BACKFILL FOR STRUCTURES	925.000	CY
210.10	0055	COLD PLANING, BITUMINOUS PAVEMENT	129,500.000	SY
213.10	0060	MILLED RUMBLE STRIPS (CENTERLINE)	19,100.000	LF
213.10	0065	MILLED RUMBLE STRIPS (EDGE LINE)	350.000	LF
301.28	0070	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	39,000.000	TON
301.35	0075	SUBBASE OF DENSE GRADED CRUSHED STONE	5,000.000	CY
402.13	0080	AGGREGATE SHOULDERS, RAP	2,900.000	TON
406.50	0085	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	2.000	LU
490.30	0090	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 70-28, SBS POLYMER)	32,750.000	TON
490.31	0095	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	2.000	LU
490.32	0100	MAT DENSITY PAY ADJUSTMENT (N.A.B.I.)	2.000	LU
490.33	0105	SURFACE TOLERANCE PAY ADJUSTMENT (N.A.B.I.)	2.000	LU
490.34	0110	LONGITUDINAL JOINT COMPACTION PAY ADJUSTMENT (N.A.B.I.)	2.000	LU
507.11	0115	REINFORCING STEEL, LEVEL I	7,900.000	LB
516.10	0120	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	160.000	LF
525.10	0125	REMOVAL OF EXISTING BRIDGE RAILING	50.000	LF
525.50	0130	BRIDGE RAILING REPAIR, TYPE I	50.000	LF
541.25	0135	CONCRETE, CLASS B	57.000	CY
541.45	0140	CONTROLLED DENSITY (FLOWABLE) FILL	30.000	CY
580.20	0145	RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE	100.000	CF
601.0015	0150	18" CSP .064 (2-2/3 X 1/2)	6.000	LF
601.0025	0155	24" CSP .064 (2-2/3 X 1/2)	4.000	LF
601.0815	0160	18" RCP CLASS III	28.000	LF
601.0825	0165	24" RCP CLASS III	10.000	LF
601.2615	0170	18" CPEP(SL)	295.000	LF
601.995	0175	CLEANING CULV. PIPE, IN-PLACE [0 TO 24 IN., INCL.]	110.000	LF
604.40	0180	CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES	4.000	EACH

ITEM NO.	LINE NO.	DESCRIPTION	QUANTITY	UNITS
604.412	0185	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	12.000	EACH
604.415	0190	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II	2.000	EACH
604.418	0195	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS III	2.000	EACH
604.42	0200	CHANGING ELEVATION OF SEWER MANHOLES	22.000	EACH
605.10	0205	6 INCH UNDERDRAIN PIPE	18,750.000	LF
608.15	0210	POWER GRADER RENTAL	60.000	HR
608.25	0215	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	360.000	HR
608.26	0220	ALL PURPOSE EXCAVATOR RENTAL, TYPE II (PNEUMATIC HAMMER)	40.000	HR
608.30	0225	POWER BROOM RENTAL, TYPE I	40.000	HR
608.31	0230	POWER BROOM RENTAL, TYPE II	20.000	HR
608.37	0235	TRUCK RENTAL	720.000	HR
608.40	0240	LOADER RENTAL, TYPE I	40.000	HR
613.10	0245	STONE FILL, TYPE I	1,030.000	CY
616.28	0250	CAST-IN-PLACE CONCRETE CURB, TYPE B	100.000	LF
616.40	0255	REMOVING AND RESETTING CURB	30.000	LF
616.41	0260	REMOVAL OF EXISTING CURB	1,500.000	LF
617.10	0265	RELOCATE MAILBOX, SINGLE SUPPORT	56.000	EACH
617.12	0270	RELOCATE MAILBOX, MULTIPLE SUPPORT	8.000	EACH
618.10	0275	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	55.000	SY
618.30	0280	DETECTABLE WARNING SURFACE	70.000	SF
619.17	0285	YIELDING MARKER POSTS	206.000	EACH
621.20	0290	STEEL BEAM GUARDRAIL, GALVANIZED	825.000	LF
621.60	0295	ANCHOR FOR STEEL BEAM RAIL	1.000	EACH
621.75	0300	REMOVE AND RESET GUARDRAIL	600.000	LF
621.76	0305	REPLACE GUARDRAIL POST ASSEMBLY	23.000	EACH
621.77	0310	REPLACE GUARDRAIL BEAM UNIT	14.000	EACH
621.80	0315	REMOVAL AND DISPOSAL OF GUARDRAIL	17,769.000	LF
629.20	0320	ADJUST ELEVATION OF VALVE BOX	9.000	EACH
630.10	0325	UNIFORMED TRAFFIC OFFICERS	1,400.000	HR
630.15	0330	FLAGGERS	10,200.000	HR
631.10	0335	FIELD OFFICE, ENGINEERS	1.000	LS
631.16	0340	TESTING EQUIPMENT, CONCRETE	1.000	LS
631.17	0345	TESTING EQUIPMENT, BITUMINOUS	1.000	LS
631.26	0350	FIELD OFFICE TELEPHONE (N.A.B.I.)	3,000.000	DL
634.10	0355	EMPLOYEE TRAINEESHIP	520.000	HR
635.11	0360	MOBILIZATION/DEMOBILIZATION	1.000	LS
641.10	0365	TRAFFIC CONTROL (NH 2931(2))	1.000	LS
641.10	0370	TRAFFIC CONTROL (STP 2931(1))	1.000	LS
641.15	0375	PORTABLE CHANGEABLE MESSAGE SIGN	8.000	EACH
646.602	0380	TEMPORARY 4 INCH WHITE LINE, PAINT	153,000.000	LF
646.612	0385	TEMPORARY 4 INCH YELLOW LINE, PAINT	140,000.000	LF
646.622	0390	TEMPORARY 6 INCH WHITE LINE, PAINT	120.000	LF
646.642	0395	TEMPORARY 8 INCH WHITE LINE, PAINT	1,400.000	LF
646.652	0400	TEMPORARY 8 INCH YELLOW LINE, PAINT	2,200.000	LF
646.682	0405	TEMPORARY 24 INCH STOP BAR, PAINT	1,100.000	LF
646.692	0410	TEMPORARY LETTER OR SYMBOL, PAINT	282.000	EACH
646.700	0415	TEMPORARY CROSSWALK MARKING	210.000	LF
646.76	0420	LINE STRIPING TARGETS	14,750.000	EACH
649.11	0425	GEOTEXTILE FOR ROADBED SEPARATOR	14,700.000	SY
649.51	0430	GEOTEXTILE FOR SILT FENCE	1,430.000	SY

ITEM NO.	LINE NO.	DESCRIPTION	QUANTITY	UNITS
651.15	0435	SEED	1,380.000	LB
651.18	0440	FERTILIZER	2,780.000	LB
651.20	0445	AGRICULTURAL LIMESTONE	13.000	TON
651.25	0450	HAY MULCH	13.000	TON
651.35	0455	TOPSOIL	720.000	CY
651.40	0460	GRUBBING MATERIAL (2")	24,000.000	SY
651.40	0465	GRUBBING MATERIAL (6")	1,080.000	SY
653.20	0470	TEMPORARY EROSION MATTING	12,500.000	SY
653.40	0475	INLET PROTECTION DEVICE, TYPE I	5.000	EACH
653.50	0480	BARRIER FENCE	4,740.000	LF
653.55	0485	PROJECT DEMARCATION FENCE	1,750.000	LF
653.60	0490	EROSION LOG	4,740.000	LF
675.20	0495	TRAFFIC SIGNS, TYPE A	530.000	SF
675.33	0500	TUBULAR STEEL SIGN POST	280.000	LB
675.341	0505	SQUARE TUBE SIGN POST AND ANCHOR	2,130.000	LF
675.43	0510	FOUNDATION FOR TUBULAR STEEL POST	2.000	EACH
675.50	0515	REMOVING SIGNS	191.000	EACH
675.60	0520	ERECTING SALVAGED SIGNS	41.000	EACH
676.10	0525	DELINEATOR WITH STEEL POST	83.000	EACH
676.12	0530	REMOVAL OF EXISTING DELINEATOR	83.000	EACH
678.15	0535	TRAFFIC CONTROL SIGNAL SYSTEM, INTERSECTION	1.000	EACH
678.21	0540	ELECTRICAL CONDUIT (2" DIA.)(SCH. 80)	130.000	LF
678.22	0545	VEHICLE LOOP DETECTOR	40.000	LF
678.23	0550	WIRED CONDUIT (2" DIA.)(SCH. 80)	500.000	LF
678.30	0555	ELECTRICAL CONDUIT SLEEVE (12")	100.000	LF
678.45	0560	REMOVAL OF EXISTING TRAFFIC CONTROL SIGNAL SYSTEM	1.000	EACH
679.47	0565	BRACKET ARM	1.000	EACH
679.50	0570	LUMINAIRE	1.000	EACH
690.50	0575	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	2.000	LU
900.620	0580	SPECIAL PROVISION (CPM SCHEDULE)	10.000	EACH
900.620	0585	SPECIAL PROVISION (GNSS CONSTRUCTION INSPECTION EQUIPMENT)	1.000	EACH
900.620	0590	SPECIAL PROVISION (JUNCTION BOX, HEAVY DUTY)	3.000	EACH
900.620	0595	SPECIAL PROVISION (REMOVE EXISTING LIGHT POLE)	1.000	EACH
900.620	0600	SPECIAL PROVISION (STEEL BEAM GUARDRAIL, GALVANIZED/ 35 FOOT RADIUS)	1.000	EACH
900.640	0605	SPECIAL PROVISION (BARRIER FOR TEMPORARY TRAFFIC PROTECTION)	13,900.000	LF
900.640	0610	SPECIAL PROVISION (BOX BEAM GUARDRAIL W/7 FEET POSTS)	19,400.000	LF
900.645	0615	SPECIAL PROVISION (GNSS MACHINE CONTROL GRADING)	1.000	LS
900.645	0620	SPECIAL PROVISION (INTELLIGENT COMPACTION FOR BITUMINOUS CONCRETE)	1.000	LS
900.645	0625	SPECIAL PROVISION (INTELLIGENT COMPACTION FOR SUBBASE / RSB)	1.000	LS
900.675	0630	SPECIAL PROVISION (FULL DEPTH RECLAMATION, EMULSIFIED ASPHALT)	119,000.000	SY
900.675	0635	SPECIAL PROVISION (HAND PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)	4,100.000	SY
900.675	0640	SPECIAL PROVISION (PAINTED BIKE LANE)	18.000	SY
900.675	0645	SPECIAL PROVISION (PLANT MIXED RECYCLED BITUMINOUS PAVEMENT, PORTLAND CEMENT)	119,500.000	SY
900.675	0650	SPECIAL PROVISION (RECLAIMED STABILIZED BASE)	119,000.000	SY
900.680	0655	SPECIAL PROVISION (AGGREGATE TO MEET COLD MIXED GRADATION)	2,890.000	TON
900.680	0660	SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE 1)	35.000	TON
900.680	0665	SPECIAL PROVISION (MATERIAL TRANSFER VEHICLE)	32,750.000	TON

ITEM NO.	LINE NO.	DESCRIPTION	QUANTITY	UNITS
900.680	0670	SPECIAL PROVISION (MATERIAL TRANSFER VEHICLE, COLD MIX)	21,000.000	TON
900.680	0675	SPECIAL PROVISION (PORTLAND CEMENT FOR COLD MIXED RECYCLING)	400.000	TON
900.680	0680	SPECIAL PROVISION (PORTLAND CEMENT FOR FULL DEPTH RECLAMATION, EMULSIFIED ASPHALT)	340.000	TON
900.683	0685	SPECIAL PROVISION (EMULSIFIED ASPHALT FOR FULL DEPTH RECLAMATION)	46,500.000	CWT
900.683	0690	SPECIAL PROVISION (EMULSIFIED ASPHALT, COLD MIX WITH CEMENT)	15,300.000	CWT
900.683	0695	SPECIAL PROVISION (FOG SEAL SURFACE TREATMENT)	3,000.000	CWT
404.65 AA1	0700	EMULSIFIED ASPHALT (RS-1)	1,185.000	CWT
900.683 AA2	0705	SPECIAL PROVISION (EMULSIFIED ASPHALT)(RS-1H OR CRS-1H)	1,185.000	CWT
646.402 BB1	0710	DURABLE 4 INCH WHITE LINE, THERMOPLASTIC	76,500.000	LF
646.403 BB2	0715	DURABLE 4 INCH WHITE LINE, EPOXY PAINT	76,500.000	LF
646.404 BB3	0720	DURABLE 4 INCH WHITE LINE, POLYUREA	76,500.000	LF
646.413 CC1	0725	DURABLE 4 INCH YELLOW LINE, EPOXY PAINT	70,000.000	LF
646.414 CC2	0730	DURABLE 4 INCH YELLOW LINE, POLYUREA	70,000.000	LF
646.422 DD1	0735	DURABLE 6 INCH WHITE LINE, THERMOPLASTIC	60.000	LF
646.423 DD2	0740	DURABLE 6 INCH WHITE LINE, EPOXY PAINT	60.000	LF
646.424 DD3	0745	DURABLE 6 INCH WHITE LINE, POLYUREA	60.000	LF
646.442 EE1	0750	DURABLE 8 INCH WHITE LINE, THERMOPLASTIC	700.000	LF
646.443 EE2	0755	DURABLE 8 INCH WHITE LINE, EPOXY PAINT	700.000	LF
646.444 EE3	0760	DURABLE 8 INCH WHITE LINE, POLYUREA	700.000	LF
646.452 FF1	0765	DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC	1,100.000	LF
646.453 FF2	0770	DURABLE 8 INCH YELLOW LINE, EPOXY PAINT	1,100.000	LF
646.454 FF3	0775	DURABLE 8 INCH YELLOW LINE, POLYUREA	1,100.000	LF
646.482 GG1	0780	DURABLE 24 INCH STOP BAR, THERMOPLASTIC	550.000	LF
646.483 GG2	0785	DURABLE 24 INCH STOP BAR, EPOXY PAINT	550.000	LF
646.484 GG3	0790	DURABLE 24 INCH STOP BAR, POLYUREA	550.000	LF
646.492 HH1	0795	DURABLE LETTER OR SYMBOL, THERMOPLASTIC	141.000	EACH
646.493 HH2	0800	DURABLE LETTER OR SYMBOL, EPOXY PAINT	141.000	EACH
646.494 HH3	0805	DURABLE LETTER OR SYMBOL, POLYUREA	141.000	EACH
646.502 II1	0810	DURABLE CROSSWALK MARKING, THERMOPLASTIC	105.000	LF
646.503 II2	0815	DURABLE CROSSWALK MARKING, EPOXY PAINT	105.000	LF
646.504 II3	0820	DURABLE CROSSWALK MARKING, POLYUREA	105.000	LF

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,

Maureen E. Parker  
Administrative Services Manager II