

**BARRE TOWN-ORANGE STP PS23(1) &  
ORANGE-TOPSHAM STP FPAV(56)****November 20, 2024****INVITATION FOR BIDS**

Submitted bids will be opened electronically at 11:00 AM on **Friday, December 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:**

**BARRE TOWN-ORANGE STP PS23(1)** - BEGINNING IN THE TOWN OF BARRE TOWN ON US ROUTE 302 AT STATION B 0+18.00 (MM 0.003) EXTENDING EASTERNLY 49,725.27 FEET (9.418 MILES) TO THE TOWN OF ORANGE AT STATION 0 321+65.00 (MM 6.092)

**ORANGE-TOPSHAM STP FPAV(56)** - BEGINNING ON US ROUTE 302 IN THE TOWN OF ORANGE AT MM 6.092 AND EXTENDING EASTERLY ALONG US ROUTE 302 FOR A DISTANCE OF APPROXIMATELY 9,794.40 FT (1.855 MILES) TO MM 1.676 IN THE TOWN OF TOPSHAM.

**TYPE OF CONSTRUCTION:**

**BARRE TOWN-ORANGE STP PS23(1)** - WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES PAVEMENT RESURFACING, SHOULDER WIDENING AND NARROWING, PAVEMENT MARKINGS, GUARDRAIL, SIGNS, AND OTHER HIGHWAY RELATED ITEMS.

**ORANGE-TOPSHAM STP FPAV(56)** - WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COARSE-MILLING AND RESURFACING THE EXISTING HIGHWAY, GUARDRAIL IMPROVEMENTS, PAVEMENT MARKINGS, AND OTHER RELATED HIGHWAY ITEMS.

**CONTRACT COMPLETION DATE:** This Contract shall be completed on or before **October 15, 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 F**.

**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, December 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 |
|----------|---|------------|-------|
| 201.1500 | REMOVING MEDIUM TREES                                       | 315.000    | EACH  |
| 201.1600 | REMOVING LARGE TREES  | 5.000      | EACH  |
| 201.3100 | THINNING AND TRIMMING FOR SIGNS                             | 27.000     | EACH  |
| 203.2800 | EXCAVATION OF SURFACES AND PAVEMENTS                        | 85.000     | CY    |
| 203.3000 | EARTH BORROW  | 1,340.000  | CY    |
| 203.4000 | SHOULDER BERM REMOVAL                                       | 22,350.000 | LF    |
| 204.2000 | TRENCH EXCAVATION OF EARTH                                  | 58.000     | CY    |
| 204.2200 | TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)          | 2.000      | CY    |
| 204.3000 | GRANULAR BACKFILL FOR STRUCTURES                            | 35.000     | CY    |
| 210.1000 | COARSE-MILLING, BITUMINOUS PAVEMENT                         | 209,500.00 | SY    |
|          |   | 0          |       |
| 213.3015 | MILLED RUMBLE STRIPS, SINUSOIDAL CENTERLINE                 | 24,700.000 | LF    |
| 301.2800 | SUBBASE OF CRUSHED GRAVEL, FINE GRADED                      | 185.000    | TON   |
| 402.1300 | AGGREGATE SHOULDERS, RAP                                    | 1,900.000  | TON   |
| 404.1100 | TACK COAT, EMULSIFIED ASPHALT                               | 2,145.000  | CWT   |
| 406.0230 | BITUMINOUS CONCRETE PAVEMENT, TYPE IIS, QA TIER III         | 72.000     | TON   |
| 406.0410 | BITUMINOUS CONCRETE PAVEMENT, TYPE IVS, QA TIER I           | 24,960.000 | TON   |
| 406.2400 | BITUMINOUS CONCRETE PAVEMENT, SURFACE PREPARATION, TYPE IVS | 148.000    | TON   |
| 406.3400 | BITUMINOUS CONCRETE PAVEMENT, NON-PAVER PLACED, TYPE IVS    | 4,205.000  | 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    |
| 406.9300 | PAY ADJUSTMENT, BCP, LONGITUDINAL JOINT DENSITY (N.A.B.I.)  | 2.000      | DL    |
| 406.9400 | PAY ADJUSTMENT, BCP, PAVEMENT ROUGHNESS (N.A.B.I.)          | 2.000      | DL    |
| 410.1000 | MATERIAL TRANSFER VEHICLE                                   | 18,550.000 | TON   |
| 418.1000 | ASPHALTIC APPROACH MATERIAL                                 | 375.000    | SF    |
| 516.1000 | BRIDGE EXPANSION JOINT, ASPHALTIC PLUG                      | 240.000    | LF    |
| 540.1500 | PRECAST CONCRETE STRUCTURE                                  | 2.000      | EACH  |
| 580.1203 | CONCRETE REPAIR MATERIAL, TYPE III                          | 135.000    | CF    |
| 601.0915 | 18 INCH CPEP  | 40.000     | LF    |
| 601.9950 | CLEANING CULVERT PIPE, IN-PLACE (0 TO 24 INCHES, INCLUSIVE) | 768.000    | LF    |
| 604.4101 | REHABILITATING DIS, CATCH BASINS, OR MANHOLES, CLASS I      | 35.000     | EACH  |
| 604.4102 | REHABILITATING DIS, CATCH BASINS, OR MANHOLES, CLASS II     | 8.000      | EACH  |
| 604.4200 | CHANGING ELEVATION OF SEWER MANHOLES                        | 1.000      | EACH  |
| 608.1500 | POWER GRADER RENTAL   | 65.000     | HR    |
| 608.2501 | ALL-PURPOSE EXCAVATOR RENTAL, TYPE I                        | 330.000    | HR    |

|          |   |            |      |
|----------|---|------------|------|
| 608.2502 | ALL-PURPOSE EXCAVATOR RENTAL, TYPE II                     | 55.000     | HR   |
| 608.3001 | POWER BROOM RENTAL, TYPE I                                | 95.000     | HR   |
| 608.3002 | POWER BROOM RENTAL, TYPE II                               | 70.000     | HR   |
| 608.3700 | TRUCK RENTAL  | 660.000    | HR   |
| 608.4001 | LOADER RENTAL, TYPE I                                     | 85.000     | HR   |
| 613.1001 | STONE FILL, TYPE I  | 1,050.000  | CY   |
| 616.2150 | VERTICAL GRANITE CURB, MOUNTABLE                          | 290.000    | LF   |
| 619.1700 | YIELDING MARKER POSTS                                     | 255.000    | EACH |
| 621.0100 | REMOVAL OF GUARDRAIL                                      | 6,025.000  | LF   |
| 621.0210 | REMOVE AND RESET GUARDRAIL                                | 160.000    | LF   |
| 621.0220 | ADJUST HEIGHT OF GUARDRAIL                                | 2,400.000  | LF   |
| 621.0300 | REPLACE GUARDRAIL BEAM UNIT, W-BEAM                       | 150.000    | EACH |
| 621.0360 | REPLACE GUARDRAIL POST ASSEMBLY, W-BEAM WITH 6 FOOT POSTS | 150.000    | EACH |
| 621.1060 | STEEL BEAM GUARDRAIL                                      | 4,525.000  | LF   |
| 621.1080 | STEEL BEAM GUARDRAIL WITH 8 FOOT POSTS                    | 1,600.000  | LF   |
| 621.1500 | STEEL BEAM GUARDRAIL OFFSET BLOCK                         | 130.000    | EACH |
| 621.1520 | ANCHOR FOR STEEL BEAM GUARDRAIL                           | 90.000     | EACH |
| 621.1560 | TRAFFIC BARRIER DELINEATOR                                | 730.000    | EACH |
| 621.3020 | MTS, MGS, TANGENT, TL-2                                   | 1.000      | EACH |
| 630.1000 | UNIFORMED TRAFFIC OFFICERS                                | 2,475.000  | HR   |
| 630.1500 | FLAGGERS  | 8,250.000  | HR   |
| 631.1000 | FIELD OFFICE, ENGINEER'S (STP FPAV(56))                   | 1.000      | LS   |
| 631.1000 | FIELD OFFICE, ENGINEER'S (STP PS23(1))                    | 1.000      | LS   |
| 631.1600 | TESTING EQUIPMENT, CONCRETE (STP PS23(1))                 | 1.000      | LS   |
| 631.1700 | TESTING EQUIPMENT, BITUMINOUS (STP FPAV(56))              | 1.000      | LS   |
| 631.1700 | TESTING EQUIPMENT, BITUMINOUS (STP PS23(1))               | 1.000      | LS   |
| 631.2600 | FIELD OFFICE COMMUNICATIONS (N.A.B.I.)                    | 6,000.000  | DL   |
| 633.1000 | CPM SCHEDULE  | 8.000      | EACH |
| 634.1000 | EMPLOYEE TRAINEESHIP                                      | 1,040.000  | HR   |
| 635.1100 | MOBILIZATION/DEMOBILIZATION (STP FPAV(56))                | 1.000      | LS   |
| 635.1100 | MOBILIZATION/DEMOBILIZATION (STP PS23(1))                 | 1.000      | LS   |
| 641.1100 | TRAFFIC CONTROL, ALL-INCLUSIVE (STP FPAV(56))             | 1.000      | LS   |
| 641.1100 | TRAFFIC CONTROL, ALL-INCLUSIVE (STP PS23(1))              | 1.000      | LS   |
| 641.1500 | PORTABLE CHANGEABLE MESSAGE SIGN                          | 4.000      | EACH |
| 646.6020 | TEMPORARY 4 INCH WHITE LINE, PAINT                        | 249,600.00 | LF   |
|          |   | 0          |      |
| 646.6120 | TEMPORARY 4 INCH YELLOW LINE, PAINT                       | 237,800.00 | LF   |
|          |   | 0          |      |
| 646.6420 | TEMPORARY 8 INCH WHITE LINE, PAINT                        | 165.000    | LF   |
| 646.6520 | TEMPORARY 8 INCH YELLOW LINE, PAINT                       | 100.000    | LF   |
| 646.6620 | TEMPORARY 12 INCH WHITE LINE, PAINT                       | 240.000    | LF   |
| 646.6820 | TEMPORARY 24 INCH STOP BAR, PAINT                         | 800.000    | LF   |
| 646.6920 | TEMPORARY LETTER OR SYMBOL, PAINT                         | 172.000    | EACH |
| 646.7020 | TEMPORARY CROSSWALK MARKING, PAINT                        | 135.000    | LF   |
| 646.7600 | LINE STRIPING TARGETS                                     | 23,993.000 | EACH |
| 651.1500 | TURF ESTABLISHMENT, GENERAL SEED                          | 10,475.000 | SY   |
| 651.3500 | TOPSOIL   | 765.000    | CY   |
| 653.1000 | HAY MULCH   | 5.500      | TON  |
| 653.2001 | ROLLED EROSION CONTROL PRODUCT, TYPE I                    | 4,485.000  | SY   |
| 653.4003 | INLET PROTECTION DEVICE, TYPE III                         | 12.000     | CY   |
| 675.2000 | TRAFFIC SIGN, FLAT SHEET ALUMINUM                         | 1,644.000  | SF   |
| 675.2100 | TRAFFIC SIGN, EXTRUDED ALUMINUM                           | 164.000    | SF   |
| 675.3300 | TUBULAR STEEL SIGN POST                                   | 540.000    | LB   |
| 675.3410 | SQUARE TUBE SIGN POST AND ANCHOR                          | 4,530.000  | LF   |
| 675.4300 | FOUNDATION FOR TUBULAR STEEL POST                         | 4.000      | EACH |
| 675.5000 | SIGN REMOVAL, FLAT SHEET ALUMINUM                         | 361.000    | EACH |
| 675.6000 | RESETTING SIGNS   | 4.000      | EACH |

|   |  |            |      |
|---|--|------------|------|
| 676.1000  | DELINEATOR WITH STEEL POST                             | 108.000    | EACH |
| 676.1200  | REMOVAL OF EXISTING DELINEATOR AND POST                | 68.000     | 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   |
| OPTION - 24 INCH STOP BAR OPTIONS - 24 INCH STOP BAR POLYUREA   |  |            |      |
| 646.4840  | DURABLE 24 INCH STOP BAR, POLYUREA                     | 380.000    | LF   |
| OPTION - 24 INCH STOP BAR OPTIONS - 24 INCH STOP BAR EPOXY      |  |            |      |
| 646.4830  | DURABLE 24 INCH STOP BAR, EPOXY PAINT                  | 380.000    | LF   |
| OPTION - CROSSWALK MARKING OPTIONS - CROSSWALK MARKING POLYUREA |  |            |      |
| 646.5040  | DURABLE CROSSWALK MARKING, POLYUREA                    | 70.000     | LF   |
| OPTION - CROSSWALK MARKING OPTIONS - CROSSWALK MARKING EPOXY    |  |            |      |
| 646.5030  | DURABLE CROSSWALK MARKING, EPOXY PAINT                 | 70.000     | LF   |
| OPTION - LETTER OR SYMBOL OPTIONS - LETTER OR SYMBOL POLYUREA   |  |            |      |
| 646.4940  | DURABLE LETTER OR SYMBOL, POLYUREA                     | 86.000     | EACH |
| OPTION - LETTER OR SYMBOL OPTIONS - LETTER OR SYMBOL EPOXY      |  |            |      |
| 646.4930  | DURABLE LETTER OR SYMBOL, EPOXY PAINT                  | 86.000     | EACH |
| OPTION - PAVEMENT MARKING OPTIONS - POLYUREA PAINT ITEMS        |  |            |      |
| 646.4040  | DURABLE 4 INCH WHITE LINE, POLYUREA (STP PS23(1))      | 103,000.00 | LF   |
|   |  | 0          |      |
| 646.4140  | DURABLE 4 INCH YELLOW LINE, POLYUREA (STP PS23(1))     | 100,000.00 | LF   |
|   |  | 0          |      |
| 646.4440  | DURABLE 8 INCH WHITE LINE, POLYUREA                    | 85.000     | LF   |
| 646.4540  | DURABLE 8 INCH YELLOW LINE, POLYUREA                   | 50.000     | LF   |
| 646.4640  | DURABLE 12 INCH WHITE LINE, POLYUREA                   | 125.000    | LF   |
| OPTION - PAVEMENT MARKING OPTIONS - EPOXY PAINT ITEMS           |  |            |      |
| 646.4030  | DURABLE 4 INCH WHITE LINE, EPOXY PAINT (STP PS23(1))   | 103,000.00 | LF   |
|   |  | 0          |      |
| 646.4130  | DURABLE 4 INCH YELLOW LINE, EPOXY PAINT (STP PS23(1))  | 100,000.00 | LF   |
|   |  | 0          |      |
| 646.4430  | DURABLE 8 INCH WHITE LINE, EPOXY PAINT                 | 85.000     | LF   |
| 646.4530  | DURABLE 8 INCH YELLOW LINE, EPOXY PAINT                | 50.000     | LF   |
| 646.4630  | DURABLE 12 INCH WHITE LINE, EPOXY PAINT                | 125.000    | LF   |
| OPTION - PAVEMENT MARKING OPTIONS - EPOXY PAINT ITEMS           |  |            |      |
| 646.4030  | DURABLE 4 INCH WHITE LINE, EPOXY PAINT (STP FPAV(56))  | 19,800.000 | LF   |
| 646.4130  | DURABLE 4 INCH YELLOW LINE, EPOXY PAINT (STP FPAV(56)) | 18,900.000 | LF   |
| OPTION - PAVEMENT MARKING OPTIONS - POLYUREA PAINT ITEMS        |  |            |      |
| 646.4040  | DURABLE 4 INCH WHITE LINE, POLYUREA (STP FPAV(56))     | 19,800.000 | LF   |
| 646.4140  | DURABLE 4 INCH YELLOW LINE, POLYUREA (STP FPAV(56))    | 18,900.000 | LF   |

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.