

ARLINGTON VTRY(25) & MANCHESTER VTRY(26) & SHAFTSBURY VTRY(22) (Re-Ad) C03129

FEDERAL



DATE BIDS OPEN: August 18, 2023, 11:00 AM SCOPE OF WORK:

AGENCY OF TRANSPORTATION

REMOVAL AND REPLACEMENT OF EXISTING SUPERSTRUCTURE WITH OPEN DECK STEEL DECK PLATE GIRDER STRUCTURE, REMOVE AND REPLACE BRIDGE BACKWALL AND BEARINGS, CHANNEL WORK AND ASSOCIATED TRACK WORK., INSTALL LATERAL BRACES ON THE TOP FLANGES OF STRINGERS. INSTALL COVER PLATES ON INTERIOR FLOOR BEAMS. REPLACE SOUTH ABUTMENT BEARING SEAT AND PEDESTALS WITH CAST-IN-PLACE CONCRETE, AND CLEAN AND RESET BEARINGS., REHABILITATE SUPERSTRUCTURE WITH WEB AND FLANGE PLATES, REPLACE TIMBER PEDESTALS WITH CAST-IN-PLACE CONCRETE PEDESTALS AND REPLACE BEARING WITH ELASTOMERIC BEARING PADS.

COMPLETION DATE: November 15, 2024

LOCATION:	VTR BRIDGE 58.5 - OVER PARAN CREEK, MILE POST 3.45, POST 20.96	VTR BRIDGE	NO. 62 OVER \						
Base Mana	Post delitors	lla-te	Quantities	1. Winn Constructi 74 Hudson R Waterford, I	iver Road NY 12188	2. ENGINEERS CO INC 98 ENGINEE WILLISTON,	C. ERS DRIVE , VT 05495	3. W.M. SCHULTZ C INC. 831 STATE R BALLSTON SP/	:. ROUTE 67 A, NY 12020
ITEMS CO 201.10	MMON TO ALL ALTERNATES CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS (VTRY 22)	LS	Quantity 1.000	\$15,000.000	Total \$15,000.00	\$13,400.000	\$13,400.00	\$15,000.000	\$15,000.
201.10	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS (VTRY 25) CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS (VTRY 26)	LS LS	1.000	\$15,000.000 \$15,000.000	\$15,000.00 \$15,000.00	\$8,000.000 \$23,000.000	\$8,000.00 \$23,000.00	\$15,000.000 \$15,000.000	\$15,000. \$15,000.
203.15	COMMON EXCAVATION UNCLASSIFIED CHANNEL EXCAVATION	CY	200.000 150.000	\$97.500 \$119.000	\$19,500.00 \$17,850.00	\$62.500 \$90.000	\$12,500.00 \$13,500.00	\$250.000 \$300.000	\$50,000 \$45,000
204.22 301.26	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.) SUBBASE OF CRUSHED GRAVEL, FINE GRADED	CY	3.000 90.000	\$75.000 \$175.250	\$225.00 \$15,772.50	\$75.000 \$75.000	\$225.00 \$6,750.00	\$75.000 \$500.000	\$225 \$45,000
502.11 506.55	SHORING SUPERSTRUCTURE BEARINGS STRUCTURAL STEEL, PLATE GIRDER	EACH LB	2.000	\$15,000.000 \$12.000	\$30,000.00 \$351,600.00	\$16,000.000 \$10.000	\$32,000.00 \$293,000.00	\$40,000.000 \$15.000	\$80,000 \$439,500
506.60 506.75	STRUCTURAL STEEL STRUCTURAL STEEL	LB LS	11,810.000	\$25.000 \$5,000.000	\$295,250.00 \$5,000.00	\$38.000 \$30,000.000	\$448,780.00 \$30,000.00	\$80.000 \$12,000.000	\$944,800 \$12,000
507.11 507.16	REINFORCING STEEL, LEVEL I DRILLING AND GROUTING DOWELS	LB LF	595.000 122.000	\$12.000 \$138.000	\$7,140.00 \$16,836.00	\$30.000 \$450.000	\$17,850.00 \$54,900.00	\$10.000 \$100.000	\$5,950 \$12,200
514.10 522.25	WATER REPELLENT, SILANE STRUCTURAL LUMBER AND TIMBER, TREATED (SPACER BLOCKS)	GAL MFBM	4.000	\$1,150.000 \$41,000.000	\$4,600.00 \$4,100.00	\$132.000 \$22,000.000	\$528.00 \$2,200.00	\$1,500.000 \$70,000.000	\$6,000 \$7,000
522.25 529.20	STRUCTURAL LUMBER AND TIMBER, TREATED (BALLAST RETAINER) PARTIAL REMOVAL OF STRUCTURE	MFBM	.300	\$18,333.330 \$50,000.000	\$5,500.00 \$50,000.00	\$24,000.000 \$150,000.000	\$7,200.00 \$150,000.00	\$20,000.000 \$170,000.000	\$6,000 \$170,000
529.20 529.20	PARTIAL REMOVAL OF STRUCTURE (VTRY 25) PARTIAL REMOVAL OF STRUCTURE (VTRY 26)	EACH EACH	1.000	\$20,000.000 \$90,000.000	\$20,000.00	\$75,000.000 \$175,000.000	\$75,000.00 \$175,000.00	\$100,000.000 \$150,000.000	\$100,000 \$150,000
531.16 602.35	BEARING DEVICE ASSEMBLY, PLAIN ELASTOMERIC PAD REBUILT STONE MASONRY	EACH	8.000 5.000	\$2,500.000 \$2,850.000	\$20,000.00 \$14,250.00	\$1,625.000 \$6,400.000	\$13,000.00 \$32,000.00	\$1,000.000 \$12,000.000	\$8,000 \$60,000
602.40 613.06	REPAIRING STONE MASONRY STONE FILL, STREAM BED MATERIAL (E-STONE, TYPE IV)	SY	5.000 30.000	\$1,750.000 \$152.000	\$8,750.00 \$4,560.00	\$2,800.000 \$280.000	\$14,000.00 \$8,400.00	\$5,000.000 \$900.000	\$25,000 \$27,000
613.12 630.10	STONE FILL, TYPE III UNIFORMED TRAFFIC OFFICERS	CY HR	120.000 360.000	\$124.000 \$50.000	\$14,880.00 \$18,000.00	\$100.000 \$35.000	\$12,000.00 \$12,600.00	\$500.000 \$125.000	\$60,000 \$45,000
630.15 631.10	FLAGGERS FIELD OFFICE, ENGINEERS (VTRY 22)	HR LS	510.000 1.000	\$35.000 \$35,000.000	\$17,850.00 \$35,000.00	\$30.000 \$12,000.000	\$15,300.00 \$12,000.00	\$125.000 \$30,000.000	\$63,750 \$30,000
631.10 631.10	FIELD OFFICE, ENGINEERS (VTRY 25) FIELD OFFICE, ENGINEERS (VTYRY 26)	LS LS	1.000 1.000	\$35,000.000 \$35,000.000	\$35,000.00 \$35,000.00	\$12,000.000 \$12,000.000	\$12,000.00 \$12,000.00	\$30,000.000 \$30,000.000	\$30,000
631.16 631.16	TESTING EQUIPMENT, CONCRETE (VTRY 25) TESTING EQUIPMENT, CONCRETE (VTYRY 26)	LS LS	1.000 1.000	\$3,500.000 \$3,500.000	\$3,500.00 \$3,500.00	\$500.000 \$500.000	\$500.00 \$500.00	\$25,000.000 \$25,000.000	\$25,000 \$25,000
631.19 631.19	TESTING EQUIPMENT, GROUT (VTRY 22) TESTING EQUIPMENT, GROUT (VTRY 25)	LS LS	1.000 1.000	\$1,750.000 \$1,750.000	\$1,750.00 \$1,750.00	\$335.000 \$335.000	\$335.00 \$335.00	\$5,000.000 \$5,000.000	\$5,000 \$5,000
631.19 631.26	TESTING EQUIPMENT, GROUT (VTYRY 26) FIELD OFFICE COMMUNICATIONS (N.A.B.I.)	LS DL	1.000 3,000.000	\$1,750.000 \$1.000	\$1,750.00 \$3,000.00	\$335.000 \$1.000	\$335.00 \$3,000.00	\$5,000.000 \$1.000	\$5,000 \$3,000
631.26 632.10	FIELD OFFICE COMMUNICATIONS (N.A.B.I.) (VTYRY 26) RAILROAD FLAGGERS (N.A.B.I.)	DL DL	1,000.000 80,676.000	\$1.000 \$1.000	\$1,000.00 \$80,676.00	\$1.000 \$1.000	\$1,000.00 \$80,676.00	\$1.000 \$1.000	\$1,000 \$80,676
633.10 635.11	CPM SCHEDULE MOBILIZATION/DEMOBILIZATION (VTRY 22)	EACH LS	4.000 1.000	\$6,000.000 \$85,000.000	\$24,000.00 \$85,000.00	\$1,000.000 \$340,000.000	\$4,000.00 \$340,000.00	\$9,000.000 \$325,000.000	\$36,000 \$325,000
635.11 635.11	MOBILIZATION/DEMOBILIZATION (VTRY 25) MOBILIZATION/DEMOBILIZATION (VTRY 26)	LS	1.000	\$85,000.000 \$85,000.000	\$85,000.00	\$284,000.000 \$286,000.000	\$284,000.00 \$286,000.00	\$325,000.000 \$325,000.000	\$325,000 \$325,000
641.11	TRAFFIC CONTROL, ALL-INCLUSIVE (VTRY 22) TRAFFIC CONTROL, ALL-INCLUSIVE (VTRY 25)	LS LS	1.000	\$7,850.000 \$7,850.000	\$7,850.00 \$7,850.00	\$13,150.000 \$14,250.000	\$13,150.00 \$14,250.00	\$30,000.000 \$30,000.000	\$30,000
649.21	TRAFFIC CONTROL, ALL-INCLUSIVE (VTRY 26) GEOTEXTILE UNDER RAILROAD BALLAST	LS	200.000	\$7,850.000 \$10.000	\$7,850.00	\$13,150.000 \$8.000	\$13,150.00 \$1,600.00	\$30,000.000 \$30.000	\$6,000
651.15	GEOTEXTILE UNDER STONE FILL SEED	SY LB	160.000 60.000	\$13.250 \$22.250	\$2,120.00 \$1,335.00	\$8.000 \$10.000	\$1,280.00 \$600.00	\$30.000 \$50.000	\$4,800 \$3,000
651.20	FERTILIZER AGRICULTURAL LIMESTONE TOPSOIL	TON CY	175.000	\$14.750 \$1,475.000	\$2,581.25 \$1,548.75 \$28,424.00	\$4.000 \$1,000.000	\$700.00 \$1,050.00	\$20.000 \$3,000.000	\$3,500 \$3,150
651.40 653.01	TOPSOIL GRUBBING MATERIAL (6") EPSC PI AN (VTRY 22)	SY	90.000	\$187.000 \$14.750 \$5.000.000	\$28,424.00 \$1,327.50 \$5,000.00	\$95.000 \$35.000 \$3 000 000	\$14,440.00 \$3,150.00 \$3,000.00	\$400.000 \$200.000 \$4,000.000	\$60,800 \$18,000
653.01 653.01	EPSC PLAN (VTRY 22) EPSC PLAN (VTRY 25) EPSC PLAN (VTRY 26)	LS LS	1.000 1.000	\$5,000.000 \$5,000.000 \$5,000.000	\$5,000.00 \$5,000.00 \$5,000.00	\$3,000.000 \$3,000.000 \$3,000.000	\$3,000.00 \$3,000.00 \$3,000.00	\$4,000.000 \$4,000.000 \$4,000.000	\$4,000 \$4,000 \$4,000
653.01 653.02 653.03	MONITORING EPSC PLAN MAINTENANCE OF EPSC PLAN (N.A.B.I.) (VTRY 22)	HR LU	1.000 216.000 1.000	\$5,000.000 \$150.000 \$5,000.000	\$5,000.00 \$32,400.00 \$5,000.00	\$3,000.000 \$20.000 \$5,000.000	\$3,000.00 \$4,320.00 \$5,000.00	\$4,000.000 \$125.000 \$5,000.000	\$4,000 \$27,000 \$5,000
653.03 653.03	MAINTENANCE OF EPSC PLAN (N.A.B.I.) (VTRY 22) MAINTENANCE OF EPSC PLAN (N.A.B.I.) (VTRY 25) MAINTENANCE OF EPSC PLAN (N.A.B.I.) (VTRY 26)	LU	1.000	\$5,000.000 \$5,000.000 \$5,000.000	\$5,000.00 \$5,000.00 \$5,000.00	\$5,000.000 \$5,000.000 \$5,000.000	\$5,000.00 \$5,000.00 \$5,000.00	\$5,000.000 \$5,000.000 \$5,000.000	\$5,000 \$5,000 \$5,000
653.20 653.35	ROLLED EROSION CONTROL PRODUCT, TYPE I STABILIZED CONSTRUCTION ENTRANCE	SY CY	1,640.000 36.000	\$5,000.000 \$7.200 \$398.000	\$11,808.00 \$14,328.00	\$3.500 \$55.000	\$5,740.00 \$1,980.00	\$5,000.000 \$14.000 \$950.000	\$22,960 \$34,200
653.476 653.50	SILT FENCE, TYPE II BARRIER FENCE	LF LF	935.000 1,275.000	\$12.750 \$8.500	\$11,921.25 \$10,837.50	\$20.000 \$20.000	\$18,700.00 \$4,080.00	\$20.000 \$20.000	\$18,700 \$25,500
900.615 900.620	SPECIAL PROVISION (TRAIN DELAY LIQUIDATED DAMAGES)(N.A.B.I.) SPECIAL PROVISION (REMOVAL AND REPLACEMENT	DL	3.000 43.000	\$1.000 \$738.000	\$3.00 \$31,734.00	\$1.000 \$375.000	\$3.00 \$16,125.00	\$1.000 \$1,000.000	\$3 \$43,000
900.620	OF CROSS TIES)(7INCHX9INCHX8.5FEET) SPECIAL PROVISION (REMOVAL AND REPLACEMENT OF BRIDGE TIES)	EACH	18.000	\$1,900.000	\$34,200.00	\$1,000.000	\$18,000.00	\$4,000.000	\$72,000
900.620	SPECIAL PROVISION (RIVET REPLACEMENT) SPECIAL PROVISION (BEARING DEVICE ASSEMBLY, PTFE SLIDE BEARING)	EACH	4.000	\$145.000 \$15,000.000	\$14,355.00	\$100.000 \$15,500.000	\$9,900.00	\$500.000 \$15,000.000	\$49,500 \$60,000
900.645	SPECIAL PROVISION (SURFACE AND ALIGN RAILROAD TRACKS) SPECIAL PROVISION (REMOVE AND RESET CONTINUOUS WELDED RAIL)(VTRY 22)	LF LS	1.000	\$104.000 \$89,500.000	\$50,336.00	\$30.000	\$14,520.00 \$33,000.00	\$100.000 \$75,000.000	\$48,400 \$75,000
900.645	SPECIAL PROVISION (TEMPORARY ACCESS ROAD AND STAGING AREAS, BRIDGE) (VTRY 22) SPECIAL PROVISION (TEMPORARY RELOCATION OF STREAM)(VTRY 22)	LS	1.000	\$102,500.000 \$43,750.000	\$102,500.00 \$43,750.00	\$300,000.000	\$300,000.00 \$95,000.00	\$60,000.000 \$60,000.000	\$60,000 \$60,000
900.645 900.645	SPECIAL PROVISION (TIMBER DECK, RAILROAD BRIDGE)(VTRY 22) SPECIAL PROVISION (REMOVE AND RESET RAILROAD	LS	1.000	\$42,500.000 \$49,750.000	\$42,500.00 \$49,750.00	\$29,250.000 \$6,000.000	\$29,250.00 \$6,000.00	\$40,000.000 \$40,000.000	\$40,000 \$40,000
900.645	TRACKS)(VTRY 25) SPECIAL PROVISION (REMOVAL, CONTAINMENT, AND DISPOSAL OF LEAD PAINT)(TYPE III)(VTRY 25) SPECIAL PROVISION (TEMPORARY ACCESS ROAD AND	LS	1.000	\$54,250.000 \$38,500.000	\$54,250.00 \$38,500.00	\$228,000.000 \$85,000.000	\$228,000.00 \$85,000.00	\$40,000.000 \$15,000.000	\$40,000 \$15,000
900.645	STAGING AREAS, BRIDGE)(VTRY 25) SPECIAL PROVISION (BEARING ASSEMBLY)(ABUTMENT 1)	LS	1.000	\$3,150.000	\$3,150.00	\$34,600.000	\$34,600.00	\$40,000.000	\$40,000
900.645	SPECIAL PROVISION (REMOVE AND RESET RAILROAD TRACKS)(VTRY 26) SPECIAL PROVISION (IN-WATER SEDIMENT ISOLATION DEVICE)	LS	1.000	\$74,500.000 \$5,150.000	\$74,500.00 \$5,150.00	\$5,000.000 \$4,925.000	\$5,000.00 \$4,925.00	\$65,000.000 \$20,000.000	\$65,000 \$20,000
900.645 900.645	SPECIAL PROVISION (REMOVAL, CONTAINMENT, AND DISPOSAL OF LEAD PAINT)(TYPE III)(VTRY 26) SPECIAL PROVISION (TEMPORARY ACCESS ROAD AND STAGING AREAS, BRIDGE)(VTRY 26)	LS LS	1.000	\$54,250.000 \$32,250.000	\$54,250.00 \$32,250.00	\$336,000.000 \$240,000.000	\$336,000.00 \$240,000.00	\$40,000.000 \$60,000.000	\$40,000 \$60,000
900.645 900.645	SPECIAL PROVISION (REMOVE AND RESET EXISTING TIMBER DECK)(VTRY 26) SPECIAL PROVISION (SUPPORT AND REALIGNMENT OF	LS	1.000	\$32,500.000 \$25,750.000	\$32,500.00 \$25,750.00	\$3,600.000 \$95,000.000	\$3,600.00 \$95,000.00	\$80,000.000 \$100,000.000	\$80,000 \$100,000
900.675	SUPERSTRUCTURE)(VTRY 26) SPECIAL PROVISION (REPOINTING MASONRY, TYPE N MORTAR)	SY	55.000	\$585.440	\$32,199.20	\$200.000	\$11,000.00	\$600.000	\$33,000
900.680 OPTION - 0	SPECIAL PROVISION (RAILROAD BALLAST) CONCRETE PEDESTAL AND POST OPTIONS - PEDESTAL AN	ID POST	135.000	\$103.620	\$13,988.70 \$2,616,886.65	\$140.000	\$18,900.00 \$4,275,827.00	\$300.000	\$40,500 \$5,084,114
OPTION 1 900.608	SPECIAL PROVISION (HIGH PERFORMANCE CONCRETE, RAPID SET)	CY	3.000	\$0.000	\$0.00	\$0.000	\$0.00	\$0.000	\$0.
OPTION - 0	CONCRETE PEDESTAL AND POST OPTIONS - PEDESTAL AN	ID POST							
580.20	RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE	CF	81.000	\$390.000	\$31,590.00 \$31,590.00	\$530.000	\$42,930.00 \$42,930.00	\$0.000	\$0
OPTION - 0 OPTION 3 543.10	CONCRETE PEDESTAL AND POST OPTIONS - PEDESTAL AN CONTRACTOR-FABRICATED PRECAST CONCRETE STRUCTURE (ABUT. 1 PEDESTALS AND POSTS)	LS	1.000	\$0.000	\$0.00	\$0.000	\$0.00	\$0.000	\$0
OPTION - 0 OPTION 4 540.10	PRECAST CONCRETE STRUCTURE (ABUT. 1 PEDESTALS AND POSTS)	LS	1.000	\$0.000	\$0.00	\$0.000	\$0.00	\$46,000.000	\$46,000
OPTION - 0	CONCRETE PEDESTAL OPTIONS - PEDESTALS OPTION 1 SPECIAL PROVISION (HIGH PERFORMANCE CONCRETE, RAPID SET)	CY	1.000	\$0.000	\$0.00	\$0.000	\$0.00	\$0.000	\$46,000
OPTION - 0	CONCRETE, RAPID SET) CONCRETE PEDESTAL OPTIONS - PEDESTALS OPTION 2 RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE	CF	27.000	\$615.000	\$16,605.00	\$500.000	\$13,500.00	\$0.000	\$0
OPTION - (580.21	CONCRETE PEDESTAL OPTIONS - PEDESTALS OPTION 3 POLYMER CONCRETE REPAIR MATERIAL	су	1.000	\$0.000	\$16,605.00 \$0.00	\$0.000	\$13,500.00 \$0.00	\$40,000.000	\$40,00
	Precast Option for Approach Slab No. 1 - Precast Concrete St			A	675 35	A.C	6405.5		\$40,000
540.10	PRECAST CONCRETE STRUCTURE (APPROACH SLAB NO. 1) (VTRY 22)	LS	1.000	\$75,000.000	\$75,000.00 \$75,000.00	\$185,000.000	\$185,000.00 \$185,000.00	\$87,000.000	\$87,000 \$87,000
OPTION - I Concrete 543.10	Precast Option for Approach Slab No. 1 - Contractor Fabricate CONTRACTOR-FABRICATED PRECAST CONCRETE STRUCTURE (APPROACH SLAB NO. 1)(VTRY 22)	LS	1.000	\$0.000	\$0.00	\$0.000	\$0.00	\$0.000	\$(
OPTION - I 540.10	Precast Option for Approach Slab No. 2 - Precast Concrete St PRECAST CONCRETE STRUCTURE (APPROACH SLAB NO. 2) (VTRY 22)	ructure LS	1.000	\$75,000.000	\$75,000.00	\$185,000.000	\$185,000.00	\$87,000.000	\$87,000
Concrete	Precast Option for Approach Slab No. 2 - Contractor Fabricate				\$75,000.00		\$185,000.00		\$87,00
543.10 OPTION - I	CONTRACTOR-FABRICATED PRECAST CONCRETE STRUCTURE (APPROACH SLAB NO. 2)(VTRY 22) Procast Option for Boaring Soat No. 1 - Procast Concrete Structure	LS	1.000	\$0.000	\$0.00	\$0.000	\$0.00	\$0.000	\$
OPTION - I 540.10	Precast Option for Bearing Seat No. 1 - Precast Concrete Stru PRECAST CONCRETE STRUCTURE (BEARING SEAT NO. 1) (VTRY 22)	LS	1.000	\$18,500.000	\$18,500.00	\$26,350.000	\$26,350.00	\$17,000.000	\$17,000
Concrete	Precast Option for Bearing Seat No. 1 - Contractor Fabricated	-			\$18,500.00	\$0.000	\$26,350.00		\$17,00
543.10		-				000 02	\$0.00	\$0.000	\$
~ ==	CONTRACTOR-FABRICATED PRECAST CONCRETE STRUCTURE (BEARING SEAT NO. 1) (VTRY 22)	LS	1.000	\$0.000	\$0.00	\$0.000		φ0.000	
OPTION - I 540.10			1.000	\$0.000 \$18,500.000	\$18,500.00	\$26,348.000	\$26,348.00	\$17,000.000	\$17,000
540.10	Precast Option for Bearing Seat No. 2 - Precast Concrete Stru PRECAST CONCRETE STRUCTURE (BEARING SEAT NO. 2)	cture Ls							

\$5,378,114.00 Friday, August 18, 2023 Page 1 of 1

Totals:

\$2,852,081.65

\$4,754,955.00

CONTRACTOR-FABRICATED PRECAST CONCRETE STRUCTURE (BEARING SEAT NO. 2) (VTRY 22)