CARDINAL ENGINEERING ASSOCIATES 180 Research Parkway Meriden, Connecticut 06450 (203) 238-1969

BID TABULATION

Town Town of Litchfield
Project Replacement Camp Dutton Rd Culvert

Project # **2298**Prepared by ____ DMR ____ DATE ____ 6/30/2020

Black & Warner Dayton Construction Guerrera Construction Hemlock Construction Green & Sons. LLC Towne & Aurell Inc. SumCo Eco-Contracting, LLC NJR Construction, LLC Construction Co. Inc. Company, Inc. Company, Inc. Company, Inc. Litchfield Bantam Peabody, MA Torrington Unionville Watertown Oxford Torrington Quantities **Unit Price** Cost **Unit Price** Cost Unit Price Cost **Unit Price Unit Price** Cost Unit Price **Unit Price** Cost Cost Cost CLEARING AND GRUBBING \$2,400.00 \$2,000.00 \$2,000.00 \$2,400.00 \$17,900.00 \$17,900.0 \$8,000.00 \$8,000.0 \$8,000.00 \$8,000.00 \$20,000.00 \$20,000.00 \$26,500.00 \$26,500.0 \$48,000.00 LS \$48,000.00 EARTH EXCAVATION 130 \$30.00 \$3,900.00 \$35.00 \$4,550.00 \$18.00 \$2,340.0 \$30.00 \$3,900.0 \$25.00 \$3,250.0 \$20.00 \$2,600.00 \$39.00 \$5,070.0 \$10.00 \$1,300.00 EXCAVATION AND REUSE OF EXISTING STREAMBED MATERIAL CY 20 \$26.00 \$120.00 \$2,400.00 \$900.0 \$50.00 \$1,000.00 \$100.00 \$2,000.00 \$77.00 \$1,540.00 \$150.00 \$3,000.00 \$10.00 \$200.00 \$520.00 \$45.00 SUPPLEMENTAL STREAMBED CHANNEL MATERIAL **EST** \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 CUT BITUMINOUS CONCRETE PAVEMENT LF 50 \$6.00 \$250.00 \$1.00 \$7.00 \$350.00 \$525.00 \$2.00 \$300.00 \$5.00 \$8.00 \$400.0 \$1.00 \$50.00 \$50.00 \$10.50 \$100.00 CY 130 \$30.00 \$35.00 \$4,550.00 \$2,340.0 \$40.00 \$5,330.00 \$8,450.00 \$10.00 STRUCTURE EXCAVATION - EARTH (COMPLETE) \$3,900.00 \$18.00 \$5,200.0 \$40.00 \$5,200.00 \$41.00 \$65.00 \$1,300.00 HANDLING WATER LS \$30,000.00 \$30,000.00 \$5,200.00 \$5,200.00 16,000.00 \$16,000.00 \$40,000.00 \$40,000.00 \$18,000.00 \$18,000.00 \$40,000.00 \$40,000.00 \$50,000.00 \$50,000.00 \$50,000.00 \$50,000.00 FORMATION OF SUBGRADE SY 300 \$3.00 \$900.00 \$3.00 \$900.00 \$3.00 \$900.00 \$3.00 \$900.0 \$900.00 \$9.00 \$2,700.00 \$6.60 \$1,980.00 \$10.00 \$3,000.00 \$3.00 SUBBASE \$2,800.0 CY 80 \$38.00 \$42.00 \$3,360.00 \$3,360.00 \$40.00 \$4,800.00 \$3,040.00 \$42.00 \$40.00 \$3,200.0 \$35.00 \$52.00 \$4,160.00 \$3,200.00 \$60.00 10 CY GRANULAR FILL 10 \$38.00 \$380.00 \$42.00 \$420.00 \$75.00 \$750.00 \$100.00 \$1,000.00 \$30.00 \$300.00 \$74.00 \$740.00 \$80.00 \$800.00 \$60.00 \$600.00 \$8.00 \$7.50 \$720.00 SEDIMENTATION CONTROL SYSTEM LF 180 \$8.00 \$1,440.00 \$7.00 \$1,260.00 \$3.00 \$540.0 \$2.00 \$360.0 \$1,440.00 \$3.00 \$540.0 \$1,350.00 \$2,080.00 \$1,600.00 PROCESSED AGGREGATE BASE CY 40 \$38.00 \$1,520.00 \$45.00 \$1,800.00 \$50.00 \$2,000.00 \$40.00 \$1,600.00 \$40.00 \$52.00 \$45.00 \$1,800.00 \$60.00 \$2,400.00 PROCESSED AGGREGATE \$50.00 \$45.00 CY 12 \$42.00 \$504.00 \$45.00 \$540.00 \$50.00 \$600.00 \$600.0 \$540.00 \$67.00 \$804.00 \$105.00 \$1,260.00 \$60.00 \$720.00 HMA S0.5 TON \$165.00 \$13,200.00 \$22,000.00 \$24,000.0 \$140.00 14 80 \$275.00 \$300.00 \$140.00 \$11,200.0 \$11,200.00 \$150.00 \$12,000.00 \$285.00 \$22,800.00 \$300.00 \$24,000.00 95" x 67" POLYMER COATED CMP ARCH LF 32 \$494.00 \$15,808.00 \$850.00 \$27,200.00 \$538.00 \$17,216.00 \$700.00 \$22,400.0 \$800.00 \$25,600.00 \$665.00 \$21,280.0 \$752.00 \$24,064.0 \$500.00 \$16,000.00 CY \$540.00 ABUTMENT AND WALL CONCRETE 40 \$850.00 \$34,000.00 \$1,200.00 \$48,000.00 \$1,000.00 \$40,000.0 \$21,600.0 \$1,500.00 \$60,000.00 \$1,140.00 \$45,600.00 \$1,200.00 \$48,000.0 \$2,600.00 \$104,000.00 **DEFORMED STEEL BARS -GALVANIZED** LB 400 \$10.00 \$4,000.00 \$2.50 \$1,000.00 \$3.00 \$1,200.0 \$3.00 \$1,200.0 \$2.7 \$1,100.00 \$6.00 \$2,400.00 \$8.00 \$3,200.00 \$10.00 \$4,000.00 18 REMOVAL OF EXISTING PIPE - 0'-10' DEEP LF 32 \$37.50 \$1,200.00 \$60.00 \$1,920.00 \$165.00 \$5,280.0 \$10.00 \$320.0 \$100.00 \$3,200.00 \$48.00 \$1,536.0 \$80.00 \$2,560.0 \$15.00 \$480.00 19 MODIFIED RIPRAP CY 12 \$80.00 \$85.00 \$1,020.00 \$75.00 \$900.00 \$100.00 \$1,200.0 \$80.00 \$118.00 \$1,416.00 \$120.00 \$1,440.00 \$70.00 \$840.00 \$960.00 \$960.00 NO. 6 CRUSHED STONE \$2,560.0 20 CY \$48.00 \$1,920.00 \$70.00 \$2,800.00 \$2,000.00 \$80.00 \$60.00 \$2,400.00 \$9,600.00 40 \$50.00 \$3,200.0 \$64.00 \$240.00 \$125.00 \$5,000.00 EMPORARY PRECAST CONCRETE BARRIER CURB LF 80 \$48.00 \$1,600.00 \$45.00 \$3,600.00 \$10.00 \$800.0 \$60.00 \$23.00 \$1,840.00 \$42.00 \$3,360.0 \$20.00 \$3,840.00 \$20.00 \$4,800.00 \$1,600.00 R-B TERMINAL SECTION EΑ 4 \$2,800.00 \$11,200.00 \$3,600.00 \$14,400.00 \$4,500.00 \$18,000.00 \$3,200.00 \$12,800.00 \$5,200.00 \$20,800.00 \$2,800.00 \$11,200.00 \$4,250.00 \$17,000.00 \$3,000.00 \$12,000.00 METAL BEAM RAIL R-B 350 (TYPE II) SPAN SECTION EΑ \$3,000.00 \$7,800.00 \$15,600.00 \$7,000.00 \$14,000.00 \$7,000.00 \$14,000.00 \$8,000.00 \$3,000.00 \$6,000.00 \$6,500.00 \$13,000.00 \$4,000.00 \$6,000.00 \$16,000.00 \$8,000.00 24 4' CHAIN LINK FENCE LF 60 \$52.00 \$3,120.00 \$70.00 \$4,200.00 \$120.00 \$7,200.0 \$90.00 \$5,400.00 \$125.00 \$7,500.00 \$40.00 \$2,400.00 \$100.00 \$6,000.00 \$80.00 \$4,800.00 FURNISHING AND PLACING TOPSOIL SY \$9.00 \$8.00 \$7.00 \$10.00 \$20.00 \$23.00 \$3,220.0 \$1,960.00 \$7.00 \$980.00 25 140 \$1,260.00 \$1,120.00 \$980.00 \$1,400.0 \$2,800.00 \$14.00 SY 26 TURF ESTABLISHMENT 140 \$5.00 \$700.00 \$5.00 \$700.00 \$3.00 \$420.00 \$5.00 \$700.00 \$10.00 \$1,400.00 \$6.00 \$840.00 \$9.00 \$1,260.00 \$5.00 \$700.00 SY \$25.00 \$8.00 \$2.00 \$25.00 \$23.70 \$3,318.00 \$5.00 CONTROL AND REMOVAL OF INVASIVE VEGETATION 140 \$13.00 \$1,820.00 \$3,500.00 \$1,120.0 \$280.0 \$3,500.00 \$15.00 \$2,100.00 \$700.00 \$5,000.00 \$5,000.00 RAFFICPERSON (MUNICIPAL POLICE OFFICER) EST \$5,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$5,000.00 \$15,000.00 \$5,000.00 MAINTENANCE AND PROTECTION OF TRAFFIC LS 29 \$650.00 \$650.00 \$4,200.00 \$4,200.00 \$5,000.00 \$5,000.00 \$15,000.00 \$15,000.0 \$6,000.00 \$6,000.00 \$15,000.00 \$5,000.00 \$15,000.00 \$15,000.00 30 REMOVAL OF EXISTING MASONRY CY \$2,600.00 \$30.00 \$80.00 \$2,500.00 10 \$260.00 \$45.00 \$450.00 \$225.00 \$2,250.00 \$300.0 \$800.00 \$170.00 \$1,700.00 \$250.00 \$200.00 \$2,000.00 \$53,250.00 MOBILIZATION AND PROJECT CLOSE-OUT LS \$15,000.00 \$20,000.00 \$25,000.00 \$53,250.00 \$5,000.00 \$5,000.00 \$8,500.00 \$8,500.00 \$5,500.00 \$5,500.00 15,000.00 \$20,000.0 \$20,000.00 \$20,000.00 \$25,000.00 32 BARRICADE WARNING LIGHTS - HIGH INTENSITY DAY 2900 \$1.00 \$2,900.00 \$0.50 \$1,450.00 \$1.00 \$2,900.00 \$0.10 \$290.0 \$0.25 \$725.00 \$1.00 \$2,900.00 \$1.00 \$2,900.00 \$0.01 \$29.00 RAFFIC DRUM EΑ \$100.00 \$800.00 \$42.00 \$336.00 \$100.00 \$800.00 \$100.00 \$800.0 \$40.00 \$320.00 \$90.00 \$720.00 \$94.00 \$752.00 \$50.00 \$400.00 CONSTRUCTION BARRICADE - TYPE III EΑ \$550.00 \$3,300.00 \$250.00 \$1,500.00 \$100.00 \$600.00 \$100.00 \$600.0 \$150.00 \$900.00 \$125.00 \$750.00 \$130.00 \$780.00 \$130.00 \$780.00 \$20,000.0 CONSTRUCTION STAKING LS \$13,000.00 \$13,000.00 \$5,000.00 \$5,000.00 3,500.00 \$3,500.00 \$20,000.00 \$3,500.00 \$3,500.00 \$7,500.00 \$7,500.00 \$5,100.00 \$5,100.00 \$25,000.00 \$25,000.00 PAINTED PAVEMENT MARKINGS - 4" YELLOW 200 \$6.00 \$1,200.00 \$5.00 \$1,000.00 \$17.00 \$3,400.00 \$1.00 \$200.0 \$5.00 \$1,000.00 \$8.00 \$1,600.00 \$6.00 \$1,200.00 \$6.00 \$1,200.00 \$9.00 CONSTRUCTION SIGNS 205 \$50.00 \$10,250.00 \$5.00 \$1,025.00 \$32.00 \$6,560.00 \$30.00 \$6,150.0 \$40.00 \$8,200.00 \$1,845.00 \$25.00 \$5,125.00 \$10.00 \$2,050.00 38 EST TESTING \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.0 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$3,000.00 \$201,632.00 \$204,151.00 \$234,956.00 \$236,650.00 \$257,785.00 \$263,251.00 \$349,104.00 \$358,699.00 AMOUNT OF BID ACKNOWLEDGEMENT OF ADDENDA CERTFICATE AS TO CORPOEATE PRINCIPAL FORM OF SURETY GUARANTY NON-COLLUSION AFFIDAVIT AFFIRMATIVE ACTION PROGRAM CERTIFICATION

STATEMENT OF BIDDERS QUALIFICATIONS