

**State of New Hampshire
Department of Transportation**

16128.01

Project: WILTON X-A001(147) 16128
County and Code: HILLSBOROUGH COUNTY 011
Date Bids Open: January 30, 2014
Scope of Work: BRIDGE REHABILITATION
Location: NH 31 OVER THE SOUHEGAN RIVER
Completion Date: September 26, 2014

A T BUCK CONSTRUCTION INC (B001) 249 MERROW RD AUBURN, ME 04210	\$884,930.00
B BECK & BELLUCCI, INC. PO BOX 429, 10 SALISBURY ROAD FRANKLIN, NH 03235	\$928,348.50
C RS AUDLEY INC (B001) 609 RTE 3A BOW, NH 03304	\$1,066,392.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$60.00	\$600.00	\$75.00	\$750.00	\$100.00	\$1,000.00
209.4	GRANULAR BACKFILL (GRAV)	CY	50.00	\$65.00	\$3,250.00	\$50.00	\$2,500.00	\$50.00	\$2,500.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	23.00	\$250.00	\$5,750.00	\$263.00	\$6,049.00	\$250.00	\$5,750.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	9.00	\$250.00	\$2,250.00	\$260.00	\$2,340.00	\$250.00	\$2,250.00
403.6	PAVEMENT JOINT ADHESIVE	LF	250.00	\$2.00	\$500.00	\$14.00	\$3,500.00	\$2.50	\$625.00
417	COLD PLANING BITUMINOUS SURFACES	SY	260.00	\$22.00	\$5,720.00	\$10.50	\$2,730.00	\$10.00	\$2,600.00
502	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$125,000.00	\$125,000.00	\$130,000.00	\$130,000.00	\$210,000.00	\$210,000.00
504.1	COMMON BRIDGE EXCAVATION (F)	CY	80.00	\$25.00	\$2,000.00	\$50.00	\$4,000.00	\$70.00	\$5,600.00
512.02	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	14.00	\$200.00	\$2,800.00	\$750.00	\$10,500.00	\$1,000.00	\$14,000.00
520.02	CONCRETE CLASS AA, ABOVE FOOTINGS (F)	CY	24.00	\$1,800.00	\$43,200.00	\$1,500.00	\$36,000.00	\$2,100.00	\$50,400.00
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	2.00	\$2,500.00	\$5,000.00	\$1,000.00	\$2,000.00	\$2,700.00	\$5,400.00
520.7002	CONCRETE BRIDGE DECK (QC/QA) (F)	CY	88.00	\$800.00	\$70,400.00	\$850.00	\$74,800.00	\$1,250.00	\$110,000.00
528.51	PRESTRESSED CONCRETE DECK PANELS (F)	SF	2,344.00	\$15.00	\$35,160.00	\$16.00	\$37,504.00	\$19.00	\$44,536.00
534.3	WATER REPELLENT (SILANE/ SILOXANE)	GAL	51.00	\$60.00	\$3,060.00	\$100.00	\$5,100.00	\$70.00	\$3,570.00
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	19.00	\$50.00	\$950.00	\$40.00	\$760.00	\$50.00	\$950.00
544.31	REINFORCING STEEL, EPOXY COATED (CONTRACTOR DETAILED)	LB	4,520.00	\$1.20	\$5,424.00	\$2.00	\$9,040.00	\$3.90	\$17,628.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
544.621	REINFORCING, LEVEL 2 (CONTRACTOR DETAILED)	LB	18,720.00	\$2.10	\$39,312.00	\$2.10	\$39,312.00	\$2.15	\$40,248.00
547	SHEAR CONNECTORS (F)	EA	1,860.00	\$5.00	\$9,300.00	\$5.45	\$10,137.00	\$5.75	\$10,695.00
548.21	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	12.00	\$1,800.00	\$21,600.00	\$1,975.00	\$23,700.00	\$1,800.00	\$21,600.00
550.191	TEMPORARY GIRDER SUPPORT SYSTEM	U	1.00	\$50,000.00	\$50,000.00	\$35,000.00	\$35,000.00	\$10,050.00	\$10,050.00
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	32.00	\$150.00	\$4,800.00	\$143.00	\$4,576.00	\$125.00	\$4,000.00
560.101	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	40.00	\$500.00	\$20,000.00	\$520.00	\$20,800.00	\$436.00	\$17,440.00
562.1	SILICONE JOINT SEALANT (F)	LF	37.00	\$15.00	\$555.00	\$20.00	\$740.00	\$20.00	\$740.00
563.23	BRIDGE RAIL T3	LF	144.00	\$145.00	\$20,880.00	\$155.00	\$22,320.00	\$175.00	\$25,200.00
563.24	BRIDGE RAIL T4	LF	158.00	\$156.00	\$24,648.00	\$167.00	\$26,386.00	\$200.00	\$31,600.00
565.2329	BRIDGE APPROACH RAIL T3 (STEEL POSTS) (MODIFIED)	U	2.00	\$6,000.00	\$12,000.00	\$6,140.00	\$12,280.00	\$4,200.00	\$8,400.00
608.12	2" BITUMINOUS SIDEWALK (F)	SY	18.00	\$65.00	\$1,170.00	\$65.00	\$1,170.00	\$57.00	\$1,026.00
608.24	4" CONCRETE SIDEWALK (F)	SY	25.00	\$65.00	\$1,625.00	\$70.00	\$1,750.00	\$65.00	\$1,625.00
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	4.00	\$600.00	\$2,400.00	\$475.00	\$1,900.00	\$450.00	\$1,800.00
609.01	STRAIGHT GRANITE CURB	LF	30.00	\$35.00	\$1,050.00	\$30.00	\$900.00	\$30.00	\$900.00
609.22	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS	LF	11.00	\$40.00	\$440.00	\$40.00	\$440.00	\$30.00	\$330.00
609.5	RESET GRANITE CURB	LF	70.00	\$15.00	\$1,050.00	\$18.00	\$1,260.00	\$20.00	\$1,400.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	80,000.00	\$1.00	\$80,000.00	\$1.00	\$80,000.00	\$1.00	\$80,000.00
618.7	FLAGGERS	HR	80.00	\$20.00	\$1,600.00	\$27.25	\$2,180.00	\$20.00	\$1,600.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$11,000.00	\$11,000.00	\$40,000.00	\$40,000.00	\$15,000.00	\$15,000.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	300.00	\$5.00	\$1,500.00	\$3.00	\$900.00	\$1.00	\$300.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
628.5	DIAMOND GRINDING CONCRETE PAVEMENT	SY	261.00	\$50.00	\$13,050.00	\$65.50	\$17,095.50	\$50.00	\$13,050.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	610.00	\$1.50	\$915.00	\$1.05	\$640.50	\$2.50	\$1,525.00
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	61.00	\$10.00	\$610.00	\$21.00	\$1,281.00	\$4.00	\$244.00
641	LOAM	CY	10.00	\$75.00	\$750.00	\$50.00	\$500.00	\$65.00	\$650.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	90.00	\$10.00	\$900.00	\$6.75	\$607.50	\$4.00	\$360.00
692	MOBILIZATION	U	1.00	\$85,011.00	\$85,011.00	\$86,700.00	\$86,700.00	\$127,500.00	\$127,500.00
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$2,000.00	\$2,000.00	\$1,600.00	\$1,600.00	\$800.00	\$800.00
697.41	CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE	U	1.00	\$2,500.00	\$2,500.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00
698.13	FIELD OFFICE TYPE C	MON	6.00	\$800.00	\$4,800.00	\$1,200.00	\$7,200.00	\$2,100.00	\$12,600.00
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	8,000.00	\$1.00	\$8,000.00	\$1.00	\$8,000.00	\$1.00	\$8,000.00
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00
1009.32	REMOVAL AND DISPOSAL OF ASBESTOS CONTAINING MATERIAL	\$	50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
1010.42	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00
1010.5	COMPLETION INCENTIVE/ DISINCENTIVE	\$	50,400.00	\$1.00	\$50,400.00	\$1.00	\$50,400.00	\$1.00	\$50,400.00
					\$884,930.00		\$928,348.50		\$1,066,392.00

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	10.00	\$60.00	\$600.00	\$50.00	\$500.00	\$100.00
209.4	GRANULAR BACKFILL (GRAV)	CY	50.00	\$65.00	\$3,250.00	\$40.00	\$2,000.00	\$1,250.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	23.00	\$250.00	\$5,750.00	\$150.00	\$3,450.00	\$2,300.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	9.00	\$250.00	\$2,250.00	\$200.00	\$1,800.00	\$450.00
403.6	PAVEMENT JOINT ADHESIVE	LF	250.00	\$2.00	\$500.00	\$10.00	\$2,500.00	(\$2,000.00)
417	COLD PLANING BITUMINOUS SURFACES	SY	260.00	\$22.00	\$5,720.00	\$19.00	\$4,940.00	\$780.00
502	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$125,000.00	\$125,000.00	\$50,000.00	\$50,000.00	\$75,000.00
504.1	COMMON BRIDGE EXCAVATION (F)	CY	80.00	\$25.00	\$2,000.00	\$35.00	\$2,800.00	(\$800.00)
512.02	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	14.00	\$200.00	\$2,800.00	\$1,020.00	\$14,280.00	(\$11,480.00)
520.02	CONCRETE CLASS AA, ABOVE FOOTINGS (F)	CY	24.00	\$1,800.00	\$43,200.00	\$1,100.00	\$26,400.00	\$16,800.00
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	2.00	\$2,500.00	\$5,000.00	\$1,100.00	\$2,200.00	\$2,800.00
520.7002	CONCRETE BRIDGE DECK (QC/QA) (F)	CY	88.00	\$800.00	\$70,400.00	\$1,661.00	\$146,168.00	(\$75,768.00)
528.51	PRESTRESSED CONCRETE DECK PANELS (F)	SF	2,344.00	\$15.00	\$35,160.00	\$17.00	\$39,848.00	(\$4,688.00)
534.3	WATER REPELLENT (SILANE/ SILOXANE)	GAL	51.00	\$60.00	\$3,060.00	\$80.00	\$4,080.00	(\$1,020.00)
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	19.00	\$50.00	\$950.00	\$50.00	\$950.00	\$0.00
544.31	REINFORCING STEEL, EPOXY COATED (CONTRACTOR DETAILED)	LB	4,520.00	\$1.20	\$5,424.00	\$2.00	\$9,040.00	(\$3,616.00)

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
544.621	REINFORCING, LEVEL 2 (CONTRACTOR DETAILED)	LB	18,720.00	\$2.10	\$39,312.00	\$3.00	\$56,160.00	(\$16,848.00)
547	SHEAR CONNECTORS (F)	EA	1,860.00	\$5.00	\$9,300.00	\$3.15	\$5,859.00	\$3,441.00
548.21	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	12.00	\$1,800.00	\$21,600.00	\$1,500.00	\$18,000.00	\$3,600.00
550.191	TEMPORARY GIRDER SUPPORT SYSTEM	U	1.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$0.00
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	32.00	\$150.00	\$4,800.00	\$100.00	\$3,200.00	\$1,600.00
560.101	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	40.00	\$500.00	\$20,000.00	\$550.00	\$22,000.00	(\$2,000.00)
562.1	SILICONE JOINT SEALANT (F)	LF	37.00	\$15.00	\$555.00	\$20.00	\$740.00	(\$185.00)
563.23	BRIDGE RAIL T3	LF	144.00	\$145.00	\$20,880.00	\$125.00	\$18,000.00	\$2,880.00
563.24	BRIDGE RAIL T4	LF	158.00	\$156.00	\$24,648.00	\$170.00	\$26,860.00	(\$2,212.00)
565.2329	BRIDGE APPROACH RAIL T3 (STEEL POSTS) (MODIFIED)	U	2.00	\$6,000.00	\$12,000.00	\$4,500.00	\$9,000.00	\$3,000.00
608.12	2" BITUMINOUS SIDEWALK (F)	SY	18.00	\$65.00	\$1,170.00	\$28.00	\$504.00	\$666.00
608.24	4" CONCRETE SIDEWALK (F)	SY	25.00	\$65.00	\$1,625.00	\$35.00	\$875.00	\$750.00
608.54	DETECTABLE WARNING DEVICES, CAST IRON	SY	4.00	\$600.00	\$2,400.00	\$330.00	\$1,320.00	\$1,080.00
609.01	STRAIGHT GRANITE CURB	LF	30.00	\$35.00	\$1,050.00	\$18.00	\$540.00	\$510.00
609.22	STRAIGHT GRANITE SLOPE CURB WITH RADIAL JOINTS	LF	11.00	\$40.00	\$440.00	\$16.00	\$176.00	\$264.00
609.5	RESET GRANITE CURB	LF	70.00	\$15.00	\$1,050.00	\$16.00	\$1,120.00	(\$70.00)
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	80,000.00	\$1.00	\$80,000.00	\$1.00	\$80,000.00	\$0.00
618.7	FLAGGERS	HR	80.00	\$20.00	\$1,600.00	\$22.00	\$1,760.00	(\$160.00)
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$11,000.00	\$11,000.00	\$80,000.00	\$80,000.00	(\$69,000.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	300.00	\$5.00	\$1,500.00	\$3.00	\$900.00	\$600.00

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
628.5	DIAMOND GRINDING CONCRETE PAVEMENT	SY	261.00	\$50.00	\$13,050.00	\$15.00	\$3,915.00	\$9,135.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	610.00	\$1.50	\$915.00	\$2.10	\$1,281.00	(\$366.00)
632.3106	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 6" LINE	LF	61.00	\$10.00	\$610.00	\$2.50	\$152.50	\$457.50
641	LOAM	CY	10.00	\$75.00	\$750.00	\$45.00	\$450.00	\$300.00
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	90.00	\$10.00	\$900.00	\$5.00	\$450.00	\$450.00
692	MOBILIZATION	U	1.00	\$85,011.00	\$85,011.00	\$200,000.00	\$200,000.00	(\$114,989.00)
697.31	PROJECT OPERATIONS PLAN	U	1.00	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	(\$1,000.00)
697.41	CRITICAL PATH METHOD (CPM) ELECTRONIC SCHEDULE	U	1.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00	(\$2,500.00)
698.13	FIELD OFFICE TYPE C	MON	6.00	\$800.00	\$4,800.00	\$1,000.00	\$6,000.00	(\$1,200.00)
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	8,000.00	\$1.00	\$8,000.00	\$1.00	\$8,000.00	\$0.00
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00
1009.32	REMOVAL AND DISPOSAL OF ASBESTOS CONTAINING MATERIAL	\$	50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00
1010.42	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00
1010.5	COMPLETION INCENTIVE/ DISINCENTIVE	\$	50,400.00	\$1.00	\$50,400.00	\$1.00	\$50,400.00	\$0.00
					\$884,930.00		\$1,066,618.50	(\$181,688.50)