



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



28 Beards

VICTORIA F. SHEEHAN
COMMISSIONER

WILLIAM CASS, P.E.
ASSISTANT COMMISSIONER

Bureau of Construction
November 4, 2015

Her Excellency, Governor Margaret Wood Hassan
and the Honorable Council
State House
Concord, New Hampshire 03301

REQUESTED ACTION

1. Authorize the Department of Transportation to enter into a contract with Cold River Bridges LLC (Vendor 261883) of Walpole, NH on the basis of a low bid of \$1,119,081.00 for bridge rehabilitation work on the bridge carrying NH Routes 9 and 10 over Elm Street in the City of Keene, from the date of Governor and Council approval through September 30, 2016 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Table with 3 columns: Funding is available as follows, FY 2016, FY 2017. Rows include 04-96-96-963515-3054 Consolidated Federal Aid and 400-500870 Highway Contract Payments with values \$750,000.00 and \$369,081.00.

2. Further authorize that a contingency in the amount of \$111,908.10 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 10% of the contract amount.

Table with 3 columns: Funding is available as follows, FY 2016, FY 2017. Rows include 04-96-96-963515-3054 Consolidated Federal Aid and 400-500870 Highway Contract Payments with values \$75,000.00 and \$36,908.10.

EXPLANATION

This project is part of the State's 10-Year Transportation Improvement Plan. This bridge was built in 1978. The bridge is on the Red List and is #73 on the bridge priority list. The scope of work includes replacement of the concrete bridge deck, new pavement and membrane, replacement of the expansion bearings, replacement of the bridge joints, reconstruction of portions of the abutments, and painting of the beam ends. The proposed bridge deck replacement and related reconstruction will extend the life of the structure.

The contingency amount is proposed to be 10% of the contract amount. The nature of bridge work and the inability to see areas of the bridge that will become exposed when the deck is removed will increase the risks of cost overruns. Phased construction under high traffic volumes also increases the risk of overruns for traffic control operations.

Although the bid costs exceeded the Department's estimate, the low bid is felt to be reasonable for the work involved as there were 3 bids submitted for this project. Readvertising this project would result, in our opinion, in higher prices and prevent the completion of the work in a timely manner. The Department considers it to be in the best interest of the State to accept this bid to accomplish these needed repairs.

The Contractor has been prequalified by this Department. The Contract has been approved by the Attorney General as to form and execution, and the Department has certified that the necessary funds are available and that the bid reasonably conforms to the engineer's estimate in accordance with State procedure. Copies of the fully executed contract are on file at the Secretary of State's Office and the Department of Administrative Service's Office, and subsequent to Governor and Council approval will be on file at the Department of Transportation.

This project funding is 80% federal funds with 20% state match. Turnpike toll credit is being utilized for match requirements, effectively using 100% federal funds.

A copy of the Tabulation of Bids received for this project is attached along with the Contract Supplemental Sheet and a map indicating the location of the project.

Sincerely,



Victoria F. Sheehan
Commissioner

VFS/md

Department Estimate: \$1,072,959.00
Contract Amount: \$1,119,081.00
Over Estimate: \$ 46,122.00

Attachments

September 9, 2015

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: This project consists of bridge rehabilitation work on the bridge carrying NH Routes 9 & 10 over Elm St. in the City of Keene (Br. No. 129/099). The work begins approximately 350 feet west of the bridge, and continues 1105 feet across the bridge to the east. The scope of work includes replacement of the concrete bridge deck, new pavement and membrane, replacement of the expansion bearings, replacement of the bridge joints, reconstruction of portions of the abutments, and painting of the beam ends.

FEDERAL FUNDING: 80% Federal Funds with utilization of Turnpike Toll Credits for the State's 20% match.

CONTINGENCY: The contingency amount is proposed to be 10% of the contract amount. The nature of bridge work and the inability to see areas of the bridge that will become exposed when the deck is removed will increase the risks of cost overruns. Phased construction under high traffic volumes also increases the risk of overruns for traffic control operations.

PROJECT INITIATED: This project was initiated through the State's 10-year Transportation Improvement Plan.

PROJECT EXPLANATION: This bridge was built in 1978. The proposed bridge deck replacement and related reconstruction will extend the life of the structure.

TRAFFIC IMPLICATION: Phased construction of the bridge work will require two phases while maintaining two-way traffic in 10'9" minimum width lanes.

FINAL COMPLETION DATE: September 30, 2016.

**State of New Hampshire
Department of Transportation**

16152.01

Project: KEENE X-A001(156) 16152
County and Code: CHESHIRE COUNTY 005
Date Bids Open: October 15, 2015
Scope of Work: BRIDGE REHABILITATION
Location: THE BRIDGE CARRYING NH ROUTES 9 AND 10 OVER
ELM STREET IN THE CITY OF KEENE
Completion Date: September 30, 2016

A COLD RIVER BRIDGES LLC

PO BOX 1076 10 LANBRO LANE WALPOLE NH 03608

\$1,119,081.00

B BECK & BELLUCCI, INC.

PO BOX 429, 10 SALISBURY ROAD FRANKLIN, NH 03235

\$1,200,245.80

C R.M. PIPER, INC.

PO BOX 490, PLYMOUTH, NH 03264

\$1,235,315.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
202.7	REMOVAL OF GUARDRAIL	LF	820.00	\$10.00	\$8,200.00	\$2.00	\$1,640.00	\$2.00	\$1,640.00
203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	2.00	\$1,000.00	\$2,000.00	\$1,500.00	\$3,000.00	\$1,000.00	\$2,000.00
203.55543	GUARDRAIL EAGRT OFFSET PLATFORM, TL 3	U	2.00	\$2,000.00	\$4,000.00	\$1,300.00	\$2,600.00	\$1,500.00	\$3,000.00
304.3	CRUSHED GRAVEL (F)	CY	55.00	\$100.00	\$5,500.00	\$75.00	\$4,125.00	\$60.00	\$3,300.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	20.00	\$100.00	\$2,000.00	\$65.00	\$1,300.00	\$60.00	\$1,200.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	850.00	\$80.00	\$68,000.00	\$84.00	\$71,400.00	\$84.00	\$71,400.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	16.00	\$300.00	\$4,800.00	\$273.00	\$4,368.00	\$275.00	\$4,400.00
403.6	PAVEMENT JOINT ADHESIVE	LF	7,200.00	\$1.00	\$7,200.00	\$0.84	\$6,048.00	\$0.85	\$6,120.00
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	24.00	\$350.00	\$8,400.00	\$340.00	\$8,160.00	\$345.00	\$8,280.00
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	10.00	\$350.00	\$3,500.00	\$340.00	\$3,400.00	\$345.00	\$3,450.00
417	COLD PLANING BITUMINOUS SURFACES	SY	9,300.00	\$2.00	\$18,600.00	\$1.60	\$14,880.00	\$1.60	\$14,880.00
500.021	PREPARATION FOR FATIGUE CRACK INSPECTION - COVER PLATE	U	16.00	\$600.00	\$9,600.00	\$700.00	\$11,200.00	\$650.00	\$10,400.00
502	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$165,000.00	\$165,000.00	\$115,000.00	\$115,000.00	\$155,000.00	\$155,000.00
503.201	COFFERDAMS	U	4.00	\$500.00	\$2,000.00	\$5,000.00	\$20,000.00	\$3,200.00	\$12,800.00
504.1	COMMON BRIDGE EXCAVATION (F)	CY	50.00	\$75.00	\$3,750.00	\$80.00	\$4,000.00	\$50.00	\$2,500.00
511.00013	CONCRETE BRIDGE DECK PAVEMENT REMOVAL AND DISP (SOLID WASTE) (F)	SY	500.00	\$15.00	\$7,500.00	\$100.00	\$50,000.00	\$40.00	\$20,000.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
512.02	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	10.00	\$900.00	\$9,000.00	\$1,000.00	\$10,000.00	\$400.00	\$4,000.00
520.01	CONCRETE CLASS AA	CY	5.00	\$1,000.00	\$5,000.00	\$2,500.00	\$12,500.00	\$1,200.00	\$6,000.00
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	25.00	\$1,000.00	\$25,000.00	\$1,500.00	\$37,500.00	\$1,100.00	\$27,500.00
520.7002	CONCRETE BRIDGE DECK (QC/QA) (F)	CY	120.00	\$1,000.00	\$120,000.00	\$1,350.00	\$162,000.00	\$1,000.00	\$120,000.00
526.3	HIGH MOLECULAR WEIGHT METHACRYLATE CRACK SEALER	GAL	5.00	\$500.00	\$2,500.00	\$550.00	\$2,750.00	\$480.00	\$2,400.00
534.3	WATER REPELLENT (SILANE/ SILOXANE)	GAL	32.00	\$85.00	\$2,720.00	\$100.00	\$3,200.00	\$100.00	\$3,200.00
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	75.00	\$25.00	\$1,875.00	\$55.00	\$4,125.00	\$26.00	\$1,950.00
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	420.00	\$25.00	\$10,500.00	\$26.00	\$10,920.00	\$26.00	\$10,920.00
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	110.00	\$5.00	\$550.00	\$9.00	\$990.00	\$10.00	\$1,100.00
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	49,800.00	\$1.30	\$64,740.00	\$1.17	\$58,266.00	\$1.20	\$59,760.00
544.21	REINFORCING STEEL, EPOXY COATED,MECHANICAL CONNECTORS (F)	LB	2,900.00	\$5.00	\$14,500.00	\$2.07	\$6,003.00	\$3.00	\$8,700.00
548.21	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	8.00	\$2,000.00	\$16,000.00	\$1,155.00	\$9,240.00	\$1,100.00	\$8,800.00
550.191	TEMPORARY GIRDER SUPPORT SYSTEM	U	1.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$35,000.00	\$35,000.00
556.1	PAINTING EXISTING STRUCTURAL STEEL	U	1.00	\$75,000.00	\$75,000.00	\$41,500.00	\$41,500.00	\$78,000.00	\$78,000.00
559.4101	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	53.00	\$150.00	\$7,950.00	\$145.00	\$7,685.00	\$55.00	\$2,915.00
560.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	53.00	\$800.00	\$42,400.00	\$511.00	\$27,083.00	\$580.00	\$30,740.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
562.1	SILICONE JOINT SEALANT (F)	LF	54.00	\$10.00	\$540.00	\$20.00	\$1,080.00	\$10.00	\$540.00
563.223	BRIDGE RAIL T2 WITH SNOW SCREENING	LF	288.00	\$150.00	\$43,200.00	\$156.00	\$44,928.00	\$200.00	\$57,600.00
565.222	BRIDGE APPROACH RAIL T2 (STEEL POSTS)	U	4.00	\$5,000.00	\$20,000.00	\$4,800.00	\$19,200.00	\$4,500.00	\$18,000.00
604.0007	POLYETHYLENE LINER	EA	2.00	\$400.00	\$800.00	\$500.00	\$1,000.00	\$210.00	\$420.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	2.00	\$500.00	\$1,000.00	\$1,000.00	\$2,000.00	\$500.00	\$1,000.00
606.120	BEAM GUARDRAIL (STANDARD SECTION) (STEEL POST)	LF	525.00	\$20.00	\$10,500.00	\$19.00	\$9,975.00	\$23.00	\$12,075.00
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	2.00	\$3,000.00	\$6,000.00	\$2,200.00	\$4,400.00	\$2,350.00	\$4,700.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	460.00	\$50.00	\$23,000.00	\$35.00	\$16,100.00	\$25.00	\$11,500.00
606.4174	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRACED	LF	120.00	\$100.00	\$12,000.00	\$100.00	\$12,000.00	\$120.00	\$14,400.00
606.4175	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - ANCHORED	LF	80.00	\$100.00	\$8,000.00	\$100.00	\$8,000.00	\$36.00	\$2,880.00
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	2.00	\$3,000.00	\$6,000.00	\$4,500.00	\$9,000.00	\$4,500.00	\$9,000.00
609.01	STRAIGHT GRANITE CURB	LF	130.00	\$45.00	\$5,850.00	\$47.00	\$6,110.00	\$30.00	\$3,900.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	450.00	\$8.00	\$3,600.00	\$5.80	\$2,610.00	\$6.00	\$2,700.00
614.3429	4 INCH 2-DUCT STEEL CONDUIT (BRIDGE)	LF	73.00	\$75.00	\$5,475.00	\$160.00	\$11,680.00	\$60.00	\$4,380.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	8,000.00	\$1.00	\$8,000.00	\$1.00	\$8,000.00	\$1.00	\$8,000.00
618.7	FLAGGERS	HR	2,000.00	\$20.00	\$40,000.00	\$20.00	\$40,000.00	\$22.50	\$45,000.00

Item No:	Description	Unit	Quantity	A		B		C	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$5,000.00	\$5,000.00	\$42,000.00	\$42,000.00	\$50,000.00	\$50,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$7,500.00	\$15,000.00	\$4,500.00	\$9,000.00	\$8,700.00	\$17,400.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$2,500.00	\$5,000.00	\$8,600.00	\$17,200.00	\$4,000.00	\$8,000.00
619.81	RAISED RUMBLE STRIPS, TRANSVERSE	LF	1,200.00	\$4.00	\$4,800.00	\$12.00	\$14,400.00	\$11.00	\$13,200.00
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	14.00	\$4.00	\$56.00	\$4.20	\$58.80	\$6.00	\$84.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	200.00	\$4.00	\$800.00	\$3.00	\$600.00	\$2.00	\$400.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	53,500.00	\$0.25	\$13,375.00	\$0.16	\$8,560.00	\$0.16	\$8,560.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	15,300.00	\$1.00	\$15,300.00	\$0.37	\$5,661.00	\$0.37	\$5,661.00
645.531	SILT FENCE	LF	200.00	\$10.00	\$2,000.00	\$5.00	\$1,000.00	\$3.00	\$600.00
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	180.00	\$20.00	\$3,600.00	\$25.00	\$4,500.00	\$2.00	\$360.00
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$5,000.00	\$10,000.00	\$4,200.00	\$8,400.00	\$6,000.00	\$12,000.00
692	MOBILIZATION	U	1.00	\$56,000.00	\$56,000.00	\$96,500.00	\$96,500.00	\$140,000.00	\$140,000.00
698.13	FIELD OFFICE TYPE C	MON	8.00	\$1,800.00	\$14,400.00	\$1,800.00	\$14,400.00	\$1,200.00	\$9,600.00
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
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00
1010.41	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	7,000.00	\$1.00	\$7,000.00	\$1.00	\$7,000.00	\$1.00	\$7,000.00
					\$1,119,081.00		\$1,200,245.80		\$1,235,315.00

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	
202.7	REMOVAL OF GUARDRAIL	LF	820.00	\$10.00	\$8,200.00	\$2.60	\$2,132.00	\$6,068.00
203.5525	PORTABLE CHANGEABLE MESSAGE SIGN PLATFORM	U	2.00	\$1,000.00	\$2,000.00	\$900.00	\$1,800.00	\$200.00
203.55543	GUARDRAIL EAGRT OFFSET PLATFORM, TL 3	U	2.00	\$2,000.00	\$4,000.00	\$1,500.00	\$3,000.00	\$1,000.00
304.3	CRUSHED GRAVEL (F)	CY	55.00	\$100.00	\$5,500.00	\$40.00	\$2,200.00	\$3,300.00
304.32	CRUSHED GRAVEL FOR SHOULDER LEVELING	TON	20.00	\$100.00	\$2,000.00	\$27.00	\$540.00	\$1,460.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	850.00	\$80.00	\$68,000.00	\$90.00	\$76,500.00	(\$8,500.00)
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	16.00	\$300.00	\$4,800.00	\$125.00	\$2,000.00	\$2,800.00
403.6	PAVEMENT JOINT ADHESIVE	LF	7,200.00	\$1.00	\$7,200.00	\$1.00	\$7,200.00	\$0.00
403.911	HOT BITUMINOUS BRIDGE PAVEMENT, 1" BASE COURSE	TON	24.00	\$350.00	\$8,400.00	\$160.00	\$3,840.00	\$4,560.00
411.1	HOT BITUMINOUS CONCRETE LEVELING COURSE	TON	10.00	\$350.00	\$3,500.00	\$80.00	\$800.00	\$2,700.00
417	COLD PLANING BITUMINOUS SURFACES	SY	9,300.00	\$2.00	\$18,600.00	\$7.18	\$66,774.00	(\$48,174.00)
500.021	PREPARATION FOR FATIGUE CRACK INSPECTION - COVER PLATE	U	16.00	\$600.00	\$9,600.00	\$250.00	\$4,000.00	\$5,600.00
502	REMOVAL OF EXISTING BRIDGE STRUCTURE	U	1.00	\$165,000.00	\$165,000.00	\$57,793.00	\$57,793.00	\$107,207.00
503.201	COFFERDAMS	U	4.00	\$500.00	\$2,000.00	\$19,050.00	\$76,200.00	(\$74,200.00)
504.1	COMMON BRIDGE EXCAVATION (F)	CY	50.00	\$75.00	\$3,750.00	\$50.00	\$2,500.00	\$1,250.00
511.00013	CONCRETE BRIDGE DECK PAVEMENT REMOVAL AND DISP (SOLID WASTE) (F)	SY	500.00	\$15.00	\$7,500.00	\$16.12	\$8,060.00	(\$560.00)

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	
512.02	PREPARATION FOR CONCRETE REPAIRS, CLASS II	SY	10.00	\$900.00	\$9,000.00	\$725.00	\$7,250.00	\$1,750.00
520.01	CONCRETE CLASS AA	CY	5.00	\$1,000.00	\$5,000.00	\$1,000.00	\$5,000.00	\$0.00
520.0201	CONCRETE CLASS AA, ABOVE FOOTINGS	CY	25.00	\$1,000.00	\$25,000.00	\$1,400.00	\$35,000.00	(\$10,000.00)
520.7002	CONCRETE BRIDGE DECK (QC/QA) (F)	CY	120.00	\$1,000.00	\$120,000.00	\$1,000.00	\$120,000.00	\$0.00
526.3	HIGH MOLECULAR WEIGHT METHACRYLATE CRACK SEALER	GAL	5.00	\$500.00	\$2,500.00	\$400.00	\$2,000.00	\$500.00
534.3	WATER REPELLENT (SILANE/ SILOXANE)	GAL	32.00	\$85.00	\$2,720.00	\$80.00	\$2,560.00	\$160.00
538.2	BARRIER MEMBRANE, PEEL AND STICK - VERTICAL SURFACES (F)	SY	75.00	\$25.00	\$1,875.00	\$50.00	\$3,750.00	(\$1,875.00)
538.6	BARRIER MEMBRANE, HEAT WELDED - MACHINE METHOD (F)	SY	420.00	\$25.00	\$10,500.00	\$21.00	\$8,820.00	\$1,680.00
541.5	PVC WATERSTOPS, NH TYPE 5 (F)	LF	110.00	\$5.00	\$550.00	\$10.00	\$1,100.00	(\$550.00)
544.2	REINFORCING STEEL, EPOXY COATED (F)	LB	49,800.00	\$1.30	\$64,740.00	\$1.50	\$74,700.00	(\$9,960.00)
544.21	REINFORCING STEEL, EPOXY COATED, MECHANICAL CONNECTORS (F)	LB	2,900.00	\$5.00	\$14,500.00	\$4.00	\$11,600.00	\$2,900.00
548.21	ELASTOMERIC BEARING ASSEMBLIES (F)	EA	8.00	\$2,000.00	\$16,000.00	\$1,500.00	\$12,000.00	\$4,000.00
550.191	TEMPORARY GIRDER SUPPORT SYSTEM	U	1.00	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00	(\$15,000.00)
556.1	PAINTING EXISTING STRUCTURAL STEEL	U	1.00	\$75,000.00	\$75,000.00	\$20,000.00	\$20,000.00	\$55,000.00
559.4101	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	53.00	\$150.00	\$7,950.00	\$115.00	\$6,095.00	\$1,855.00

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	
560.1001	PREFABRICATED COMPRESSION SEAL EXPANSION JOINT (F)	LF	53.00	\$800.00	\$42,400.00	\$600.00	\$31,800.00	\$10,600.00
562.1	SILICONE JOINT SEALANT (F)	LF	54.00	\$10.00	\$540.00	\$25.00	\$1,350.00	(\$810.00)
563.223	BRIDGE RAIL T2 WITH SNOW SCREENING	LF	288.00	\$150.00	\$43,200.00	\$155.00	\$44,640.00	(\$1,440.00)
565.222	BRIDGE APPROACH RAIL T2 (STEEL POSTS)	U	4.00	\$5,000.00	\$20,000.00	\$4,600.00	\$18,400.00	\$1,600.00
604.0007	POLYETHYLENE LINER	EA	2.00	\$400.00	\$800.00	\$200.00	\$400.00	\$400.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	2.00	\$500.00	\$1,000.00	\$650.00	\$1,300.00	(\$300.00)
606.120	BEAM GUARDRAIL (STANDARD SECTION) (STEEL POST)	LF	525.00	\$20.00	\$10,500.00	\$25.00	\$13,125.00	(\$2,625.00)
606.1254	BEAM GUARDRAIL (TERMINAL UNIT TYPE EAGRT, TL 3) (STEEL POST)	U	2.00	\$3,000.00	\$6,000.00	\$1,900.00	\$3,800.00	\$2,200.00
606.417	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL	LF	460.00	\$50.00	\$23,000.00	\$20.00	\$9,200.00	\$13,800.00
606.4174	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - BRACED	LF	120.00	\$100.00	\$12,000.00	\$87.50	\$10,500.00	\$1,500.00
606.4175	PORTABLE CONCRETE BARRIER FOR TRAFFIC CONTROL - ANCHORED	LF	80.00	\$100.00	\$8,000.00	\$15.00	\$1,200.00	\$6,800.00
606.9523	TEMP. IMPACT ATTENUATION DEVICE (NON-REDIRECTIVE) TEST LEVEL 3	U	2.00	\$3,000.00	\$6,000.00	\$1,932.50	\$3,865.00	\$2,135.00
609.01	STRAIGHT GRANITE CURB	LF	130.00	\$45.00	\$5,850.00	\$22.00	\$2,860.00	\$2,990.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	450.00	\$8.00	\$3,600.00	\$30.00	\$13,500.00	(\$9,900.00)
614.3429	4 INCH 2-DUCT STEEL CONDUIT (BRIDGE)	LF	73.00	\$75.00	\$5,475.00	\$45.00	\$3,285.00	\$2,190.00

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	
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	8,000.00	\$1.00	\$8,000.00	\$1.00	\$8,000.00	\$0.00
618.7	FLAGGERS	HR	2,000.00	\$20.00	\$40,000.00	\$18.00	\$36,000.00	\$4,000.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$5,000.00	\$5,000.00	\$25,000.00	\$25,000.00	(\$20,000.00)
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	2.00	\$7,500.00	\$15,000.00	\$4,000.00	\$8,000.00	\$7,000.00
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	2.00	\$2,500.00	\$5,000.00	\$2,500.00	\$5,000.00	\$0.00
619.81	RAISED RUMBLE STRIPS, TRANSVERSE	LF	1,200.00	\$4.00	\$4,800.00	\$12.25	\$14,700.00	(\$9,900.00)
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	14.00	\$4.00	\$56.00	\$5.00	\$70.00	(\$14.00)
628.2	SAWED BITUMINOUS PAVEMENT	LF	200.00	\$4.00	\$800.00	\$2.00	\$400.00	\$400.00
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	53,500.00	\$0.25	\$13,375.00	\$0.20	\$10,700.00	\$2,675.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	15,300.00	\$1.00	\$15,300.00	\$0.50	\$7,650.00	\$7,650.00
645.531	SILT FENCE	LF	200.00	\$10.00	\$2,000.00	\$3.00	\$600.00	\$1,400.00
646.41	TURF ESTABLISHMENT WITH MULCH, TACKIFIERS AND HUMUS	SY	180.00	\$20.00	\$3,600.00	\$10.00	\$1,800.00	\$1,800.00
670.104	TEMPORARY PORTABLE LIGHTING	U	2.00	\$5,000.00	\$10,000.00	\$4,500.00	\$9,000.00	\$1,000.00
692	MOBILIZATION	U	1.00	\$56,000.00	\$56,000.00	\$75,000.00	\$75,000.00	(\$19,000.00)
698.13	FIELD OFFICE TYPE C	MON	8.00	\$1,800.00	\$14,400.00	\$1,200.00	\$9,600.00	\$4,800.00
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00
1010.41	QUALITY CONTROL QUALITY ASSURANCE (QC/QA) FOR CONCRETE	\$	7,000.00	\$1.00	\$7,000.00	\$1.00	\$7,000.00	\$0.00

\$1,119,081.00

\$1,072,959.00

\$46,122.00



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
10/16/2015

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER THE ROWLEY AGENCY INC. 139 Loudon Road P.O. Box 511 Concord NH 03302-0511	CONTACT NAME: Donna Bickford PHONE (A/C, No, Ext): (603) 224-2562 E-MAIL ADDRESS: dbickford@rowleyagency.com	FAX (A/C, No): (603) 224-8012
	INSURER(S) AFFORDING COVERAGE	
INSURED Cold River Bridges LLC PO Box 1076 Walpole NH 03608	INSURER A: Travelers Indemnity Co NAIC # 25658	
	INSURER B: Travelers Prop Cas Co of Amer	
	INSURER C: Phoenix Insurance Co. 25623	
	INSURER D: Acadia Insurance Company 31325	
	INSURER E:	
	INSURER F:	

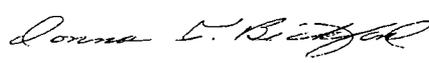
COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY			DTCO4513N148IND15 Per Project applies when required by written contract	4/17/2015	4/17/2016	EACH OCCURRENCE \$ 1,000,000
	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						MED EXP (Any one person) \$ 5,000
	<input type="checkbox"/> CG0001						PERSONAL & ADV INJURY \$ 1,000,000
GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC							GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COM/OP AGG \$ 2,000,000
B	AUTOMOBILE LIABILITY			DT8104711N257TIL15	4/17/2015	4/17/2016	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS	<input type="checkbox"/> SCHEDULED AUTOS					BODILY INJURY (Per accident) \$
	<input checked="" type="checkbox"/> HIRED AUTOS	<input checked="" type="checkbox"/> NON-OWNED AUTOS					PROPERTY DAMAGE (Per accident) \$
single limit \$							single limit \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB	<input checked="" type="checkbox"/> OCCUR		DTSMCUP4711N269TIL15	4/17/2015	4/17/2016	EACH OCCURRENCE \$ 10,000,000
	<input type="checkbox"/> EXCESS LIAB	<input type="checkbox"/> CLAIMS-MADE					AGGREGATE \$ 10,000,000
	<input type="checkbox"/> DED	<input checked="" type="checkbox"/> RETENTION \$ 10,000					\$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY			DTNUB4513N31A15 3A STATES: NH VT NO EXCLUDED OFFICERS	4/17/2015	4/17/2016	<input checked="" type="checkbox"/> WC STATUTORY LIMITS
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	N/A				E.L. EACH ACCIDENT \$ 500,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$ 500,000
							E.L. DISEASE - POLICY LIMIT \$ 500,000
D	LEASED/RENTED EQUIPMENT			CIM029002916	3/20/2015	3/20/2016	LIMIT: \$250,000
	DEDUCTIBLE: \$1,000						

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
 Re: Keene X-A001(156), 16152 - Bridge Rehabilitation of the bridge carrying NH Routes 9 and 10 over Elm Street

The Certificate Holder as an additional insured on all liability policies except workers comp is applicable when required by written contract with the named insured.

CERTIFICATE HOLDER State of NH Dept. of Transportation P.O. Box 483 Concord, NH 03302-0483	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE Donna Bickford/DTB 



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

10/16/2015

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PRODUCER THE ROWLEY AGENCY INC. 139 Loudon Road P.O. Box 511 Concord NH 03302-0511		CONTACT NAME: Donna Bickford PHONE (A/C. No, Ext): (603) 224-2562 E-MAIL ADDRESS: dbickford@rowleyagency.com FAX (A/C. No): (603) 224-8012	
		INSURER(S) AFFORDING COVERAGE INSURER A: Travelers Indemnity Co of Amer	NAIC # 001111
INSURED State of NH-Dept. of Transportation c/o Cold River Bridges LLC PO Box 1076 Walpole NH 03608		INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:	

COVERAGES CERTIFICATE NUMBER: NH DOT Keene OCP REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	COMMERCIAL GENERAL LIABILITY			PRS7E068411IND	11/18/2015	11/18/2016	EACH OCCURRENCE	\$ 2,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	\$
	<input checked="" type="checkbox"/> Owners & Contractors						MED EXP (Any one person)	\$
	GEN'L AGGREGATE LIMIT APPLIES PER:							PERSONAL & ADV INJURY
	<input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						GENERAL AGGREGATE	\$ 3,000,000
	OTHER:						PRODUCTS - COMP/OP AGG	\$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	\$
	<input type="checkbox"/> ANY AUTO						BODILY INJURY (Per person)	\$
	<input type="checkbox"/> ALL OWNED AUTOS						BODILY INJURY (Per accident)	\$
	<input type="checkbox"/> HIRED AUTOS						PROPERTY DAMAGE (Per accident)	\$
	<input type="checkbox"/> SCHEDULED AUTOS							\$
	<input type="checkbox"/> NON-OWNED AUTOS							\$
	UMBRELLA LIAB						EACH OCCURRENCE	\$
	EXCESS LIAB						AGGREGATE	\$
	DED							\$
	RETENTION \$							\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						PER STATUTE	OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)						E.L. EACH ACCIDENT	\$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	\$
							E.L. DISEASE - POLICY LIMIT	\$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 Keene X-A001(156), 16152 - Bridge Rehabilitation of the bridge carrying NH Roues 9 and 10 over Elm Street, Keene NH

CERTIFICATE HOLDER State of NH-Dept. of Transportation PO Box 483 Concord, NH 03302-0483	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE Donna Bickford/DTB <i>Donna L. Bickford</i>
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