Bus 109

New Hampshire DOT
Department of Transportation

THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION

CHRISTOPHER D. CLEMENT, SR.
COMMISSIONER

JEFF BRILLHART, P.E.
ASSISTANT COMMISSIONER

Bureau of Construction
February 8, 2013

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 Heitkamp, Inc. (Vendor 230426) of Watertown, CT on the basis of a single bid of $140,250.00 for lining a 100 foot long 60" aluminum culvert on NH 116, located east of Hazen Road in Whitefield, from the date of Governor and Council approval through July 26, 2013 unless extended by the Department in accordance with the Standard Specifications. 100% Federal Funds.

Funding is available as follows:	FY 2013
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	$140,250.00

2. Further authorize that a contingency in the amount of $7,012.50 be approved for payment of latent conditions, which may appear during the construction of the project. The contingency requested is 5% of the contract amount.

Funding is available as follows:	FY 2013
04-96-96-963515-3054	
Consolidated Federal Aid	
400-500870 Highway Contract Payments	$7,012.50

EXPLANATION

This project is part of the annual Culvert Replacement/Rehabilitation & Drainage Repairs Program, which identifies culverts for repair of replacement prior to more expensive roadway failures or more difficult repairs are needed. Aluminum pipes have had a history of decaying from the surrounding soil conditions without usual indications of wear and age, such as rusting along the invert in steel pipes. This culvert is showing early signs of failure and needs to be addressed. This project involves a unique, spiral wound method where inter-locking strips are coiled through a winding machine, mechanically forcing the strips to inter lock and form a smooth, continuous, spirally wound liner. This method is the preferred option as the culvert is under 30 feet of fill with difficult access and would require road closure, substantial excavation, and property impacts for a traditional replacement.

The contingency amount is proposed to be 5% of the contract amount. This is a late season advertisement contract, with construction starting the following season which allows time for fluctuation in material prices.

Although there was only one bid received and the bid costs exceeded the Department's estimate, this bid is felt to be reasonable for the work involved. This is a new technology for the Department without a good background of experience for estimating the cost. Readvertising this project would not result, in our opinion, in a substantially different result and would 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. 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,

Christopher D. Clement, Sr.
Commissioner

CDC/md

Department Estimate:	$114,305.00
Contract Amount:	$140,250.00
Over Estimate:	$ 25,945.00

Attachments

PROJECT: Whitefield

FEDERAL NUMBER: X-A001(212)

STATE NO: 16255

November 9, 2012

SUPPLEMENTAL PROJECT INFORMATION SHEET

DESCRIPTION: Lining an 100 ft long 60" aluminum culvert on NH 116, located approximately 800 feet east of Hazen Road. The pipe will be lined by an experimental, proprietary, in-situ spiral wound method.

FEDERAL FUNDING: 80% [Federal Culvert Replacement/Rehabilitation & Drainage Repairs Program (CRDR *4157)] with 20% an anticipated Turnpike Toll Credit match.

CONTINGENCY: The Contingency amount is proposed to be 5% of the contract amount. This is a late season advertisement contract, with construction starting the following season which allows time for fluctuation in material prices.

PROJECT INITIATED: State's 10-Year Transportation Improvement Program

PROJECT EXPLANATION: This project is part of the annual Culvert Replacement/Rehabilitation & Drainage Repairs Program, which identifies culverts for repair or replacement prior to more expensive roadway failures or more difficult repairs are needed. Aluminum pipes have had a history of decaying from the surrounding soil conditions without usual indications of wear and age, such as rusting along the invert in steel pipes. This culvert is showing early signs of failure and needs to be addressed. Lining is the preferred option as it is under 30 feet of fill and would require road closure and substantial excavation for a traditional replacement.

TRAFFIC IMPLICATIONS: Alternating one-way traffic for construction operations will be allowed during non-holiday weekday daytime hours.

COMPLETION DATE: July 26, 2013

WHITEFIELD
DALTON
Hall Rd
142
MIRROR LAKE
3
GRID
Mountain View Rd
Nutting Rd
Old East Rd
Knot Hole Rd
Brax Star Dust Dr
Jefferson Rd
116
JEFFERSON
WHITEFIELD
LITTLE CHERRY POND
Ridge Rd
Whitefield Rd
Mirror Lake Rd
Partridge Ln
Faraway Rd
Elm St
Lancaster Rd
Pine St
Prospect St
Myrtle St
Maple St
Jefferson Rd
Union St
PONDICHERRY WILDLIFE REFUGE
JOHNS RIVER
PROJECT LOCATION
Liberty Dr
Hazen Rd
JOHNS RIVER
NHRR
DALTON
WHITEFIELD
Parker Rd
Airport Rd
Old Runway Rd
AYLING BROOK
JEFFERSON
WHITEFIELD
Littleton Rd
Pierce Rd
Varney Rd
Twin Mountain Rd
Colby Rd
HAZEN POND
Airport Rd
116
BURNS LAKE
142
BOG BROOK
3
CORROLL STREAM
WHITEFIELD
CARROLL
Kimball Hill Rd
South Whitefield Rd
SCALE: 1"=3000'
WHITEFIELD
16255

THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION

PROJECT: WHITEFIELD
X-A001(212), 16255

COUNTIES AND CODES: COOS 007

DATE BIDS OPEN: JANUARY 10, 2013

SCOPE OF WORK: SLIPLINE OF ALUMINUM CULVERT

LOCATION: NH 116, WHITEFIELD

COMPLETION DATE: JULY 26, 2013

A HEITKAMP, INC.
99 CALLENDER ROAD, WATERTOWN, CT 06795 $ 140,250.00

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	A TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
201.881	INVASIVE SPECIES CONTROL TYPE I	SY	50.	10.00	500.00				
201.882	INVASIVE SPECIES CONTROL TYPE II	SY	50.	10.00	500.00				
203.6	EMBANKMENT-IN-PLACE (F)	CY	25.	100.00	2,500.00				
206.1	COMMON STRUCTURE EXCAVATION	CY	50.	100.00	5,000.00				
503.101	WATER DIVERSION STRUCTURE	U	1.	1,500.00	1,500.00				
585.2	STONE FILL, CLASS B	CY	50.	244.00	12,200.00				
602.001	CONTROLLED DENSITY FILL CONCRETE	CY	20.	450.00	9,000.00				
602.46013	SPIRAL WOUND PVC PIPE LINER FOR 60" ALUMINUM PIPE	LF	100.	865.00	86,500.00				
603.0001	VIDEO INSPECTION	LF	200.	20.00	4,000.00				
618.7	FLAGGERS	HR	120.	20.00	2,400.00				
619.1	MAINTENANCE OF TRAFFIC	U	1.	1,000.00	1,000.00				
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	450.	2.00	900.00				
647.1	HUMUS	CY	50.	15.00	750.00				
692.	MOBILIZATION	U	1.	12,500.00	12,500.00				
697.11	INVASIVE SPECIES CONTROL AND MANAGEMENT PLAN	U	1.	1,000.00	1,000.00				

$140,250.00

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 01/24/2013

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

Willis of New York, Inc.
c/o 26 Century Blvd.
P. O. Box 305191
Nashville, TN 37230-5191

CONTACT NAME:
PHONE (A/C, NO, EXT): 877-945-7378 FAX (A/C, NO): 888-467-2378
E-MAIL ADDRESS: certificates@willis.com

INSURER(S)AFFORDING COVERAGE	NAIC#
INSURER A: Tokio Marine & Nichido Fire Insurance Co.	12904-001
INSURER B:	
INSURER C:	
INSURER D:	
INSURER E:	
INSURER F:	

INSURED

Heitkamp, Inc.
Attn: Sandra Hutchinson
99 Callender Road
PO Box 730
Watertown, CT 06795

COVERAGES CERTIFICATE NUMBER: 19298188 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	ADD'L INSRD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	GENERAL LIABILITY	Y		CLL6403632-04	7/1/2012	7/1/2013	EACH OCCURRENCE	$ 1,000,000
	X COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurence)	$ 1,000,000
	CLAIMS-MADE X OCCUR						MED EXP (Any one person)	$ 10,000
							PERSONAL & ADV INJURY	$ 1,000,000
							GENERAL AGGREGATE	$ 2,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						PRODUCTS - COMP/OP AGG	$ 2,000,000
	X POLICY PRO-JECT LOC							$
A	AUTOMOBILE LIABILITY			CA6402924-03	7/1/2012	7/1/2013	COMBINED SINGLE LIMIT (Ea accident)	$ 1,000,000
	X ANY AUTO						BODILY INJURY(Per person)	$
	ALL OWNED AUTOS / SCHEDULED AUTOS						BODILY INJURY(Per accident)	$
	HIRED AUTOS / NON-OWNED AUTOS						PROPERTY DAMAGE (Per accident)	$
								$
A	X UMBRELLA LIAB X OCCUR			CU6402972-03	7/1/2012	7/1/2013	EACH OCCURRENCE	$ 5,000,000
	EXCESS LIAB CLAIMS-MADE						AGGREGATE	$ 5,000,000
	DED RETENTION $							$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A		WC6402973-03	7/1/2012	7/1/2013	X WC STATU-TORY LIMITS / OTH-ER	
							E.L. EACH ACCIDENT	$ 1,000,000
							E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach Acord 101, Additonal Remarks Schedule, if more space is required)

Project: Whitefield X-A001 (212), 16255, Division/Location: SPR Division

The State of New Hampshire Department of Transportation is included as Additional Insured as an respects to General Liability as required by written contract.

CERTIFICATE HOLDER

New Hampshire DOT
Attn: Michelle Drouin
7 Hazen Drive
Concord, NH 03302

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

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 03/25/2013

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.

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PRODUCER

Willis of New York, Inc.
c/o 26 Century Blvd.
P. O. Box 305191
Nashville, TN 37230-5191

CONTACT NAME:
PHONE (A/C, NO, EXT): 877-945-7378 FAX (A/C, NO): 888-467-2378
E-MAIL ADDRESS: certificates@willis.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A: Tokio Marine & Nichido Fire Insurance Co.	12904-001
INSURER B:	
INSURER C:	
INSURER D:	
INSURER E:	
INSURER F:	

INSURED

New Hampshire Department of Transportation
Attn: Sandra Hutchinson
99 Callender Road
PO Box 730
Watertown, CT 06795

COVERAGES CERTIFICATE NUMBER: 19533459 REVISION NUMBER: See Remarks

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	ADD'L INSRD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
	GENERAL LIABILITY						EACH OCCURRENCE	$
	COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurence)	$
	CLAIMS-MADE OCCUR						MED EXP (Any one person)	$
							PERSONAL & ADV INJURY	$
							GENERAL AGGREGATE	$
	GEN'L AGGREGATE LIMIT APPLIES PER: POLICY PRO-JECT LOC						PRODUCTS - COMP/OP AGG	$
								$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$
	ANY AUTO						BODILY INJURY (Per person)	$
	ALL OWNED AUTOS / SCHEDULED AUTOS						BODILY INJURY (Per accident)	$
	HIRED AUTOS / NON-OWNED AUTOS						PROPERTY DAMAGE (Per accident)	$
								$
	UMBRELLA LIAB OCCUR						EACH OCCURRENCE	$
	EXCESS LIAB CLAIMS-MADE						AGGREGATE	$
	DED RETENTION $							$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						WC STATU-TORY LIMITS / OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y/N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A					E.L. EACH ACCIDENT	$
							E.L. DISEASE - EA EMPLOYEE	$
							E.L. DISEASE - POLICY LIMIT	$
A	OCP	Y		CLL 6406513-00	3/1/2013	8/1/2013	1,000,000 per Occirrence 2,000,000 Aggregate	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach Acord 101, Additonal Remarks Schedule, if more space is required)

THIS VOIDS AND REPLACES PREVIOUSLY ISSUED CERTIFICATE DATED: 2/28/2013 WITH ID: 19445265

Re: Slipline of a 54 - Aluminium Culvert. SPR, Division of Heitkamp.

Contract #WHITEFIELD X-A001(212), 16255

State of New Hampshire Department of Transportation is included as an Additional Insured as respects to Owner's and Contractor's Protective Liability.

CERTIFICATE HOLDER

New Hampshire DOT
7 Hazen Drive
Concord, NH 03302

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

Coll:4045670 Tpl:1599222 Cert:19533459

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