



Charles M. Arlinghaus Commissioner (603) 271-3201

State of New Hampshire

DEPARTMENT OF ADMINISTRATIVE SERVICES
25 Capitol Street - Room 120
Concord, New Hampshire 03301

Joseph B. Bouchard Assistant Commissioner (603) 271-3204

Catherine A. Keane Deputy Commissioner (603) 271-2059

Division of Public Works
Design and Construction
Project No. 81129R – Contract B

July 6, 2021

His Excellency, Governor Christopher T. Sununu and the Honorable Council State House Concord, New Hampshire 03301

REQUESTED ACTION

- 1). Authorize the Division of Public Works Design and Construction to enter into a contract with Northern Peabody LLC, Manchester, New Hampshire (VC#154264), for a total price not to exceed \$1,046,000, for the REBID NHARNG Building 1 & 2 Cooling Plant Upgrades, Concord, New Hampshire. This contract is effective upon Governor and Council approval through April 1, 2022, unless extended in accordance with the contract terms. 100% Capital Federal Funds
- 2). Further authorize the amount of \$35,000 be approved for payment to the Department of Administrative Services, Division of Public Works Design and Construction (VC# 311152), for engineering services provided, bringing the total to \$1,081,000. 100% Capital Federal Funds

02-12-12-120030-71630000 Federal Statewide Repairs and Upgrades

034-500162– Federal Statewide Rep - Contract \$1,046,000 034-500162 – Fed Statewide Rep Interagency fees \$35,000

Total \$1,081,000

EXPLANATION

This project will remove and replace the shared cooling system for Buildings 1 and 2 at the State Military Reservation in Concord. The new cooling system includes two heat exchangers and two air-cooled chillers. The two chillers will be installed at Building 1, in the same location as the existing cooling towers.

The facility was constructed in 2004 and the heating and cooling system was designed to utilize open geothermal wells and water-to-water heat pumps for both heating and air conditioning. These wells have consistently underperformed since construction and, in one case, collapsed completely. A 2012 renovation introduced a cooling tower and boiler plant as a short-term solution to the geothermal well issue. While this improved the performance of the heating and cooling system, the constant maintenance required to keep the heat pumps operational has proven to be costly. The pumps are now approaching the end of their 20-year lifespan and will soon need to be replaced. This project will eliminate the issues stemming from both the heat pumps and geothermal wells.

The contractor has been pre-qualified by the Department of Transportation. The contract has been approved by the Department of Justice as to form and execution; and the Dept. of Military Affairs & Veterans Services has certified that the necessary funds are pending. Copies of the fully executed contract are on file at the Secretary of State's Office and the Department of Administrative Services, Division of Public Works Design and Construction.

Attached please find a copy of the tabulation of bids for this project along with the contract supplemental information sheet.

Respectfully submitted,

Charles M. Arlinghaus,

Commissioner

Department Estimate: \$ 1,300,000 Contract Amount: \$ 1,046,000 Under Estimate: \$ 254,000

CONTRACT SUPPLEMENTAL INFORMATION SHEET

PROJECT: DPW Project No. 81129R, Contract B - REBID NHARNG

Building 1 & 2 Cooling Plant Upgrades, Concord NH

DESCRIPTION: This project will remove and replace the shared cooling

system for Buildings 1 and 2 at the State Military Reservation in Concord. The new cooling system includes two heat exchangers and two air-cooled chillers. The two chillers will be installed at Building 1, in

the same location as the existing cooling towers.

EXPLANATION: The facility was constructed in 2004 and the heating and

cooling system was designed to utilize open geothermal wells and water-to-water heat pumps for both heating and air conditioning. These wells have consistently underperformed since construction and, in one case, collapsed completely. A 2012 renovation introduced a cooling tower and boiler plant as a short-term solution to the geothermal well issue. While this improved the performance of the heating and cooling system, the constant maintenance required to keep the heat pumps operational has proven to be costly. The pumps are now approaching the end of their 20-year lifespan and will soon need to be replaced. This project will eliminate the issues stemming from both the heat pumps and

geothermal wells.

ALTERNATES EXPLANATION:

Alternate Number 1: Provide the Cost of Chiller 3 for Building 2. Add \$197,000. A third chiller will be installed between Buildings 1 and 2 that will provide cooling for Building 2. This will create a redundant cooling system for Building 2 in the event the shared system with Building 1

fails.

UNDER ESTIMATE

EXPLANATION:

The Department's estimate was high, anticipating a significant increase in construction material costs reflected in recent, post-pandemic bids. However, three bids were received and all were within 2-3% of each other, indicating a very competitive bid.

DEPARTMENT

ESTIMATE:

\$1,300,000.00

LOW BID:

\$ 849,000.00

ABC Bid Data



CONCORD 81129RB **NON-FEDERAL**

CONCORD

STATE PROJECT NUMBER: 81129RB FED. PROJECT NUMBER:

DATE BIDS OPEN:

NON-FEDERAL

SCOPE OF WORK:

June 02, 2021, 2:00

COMPLETION DATE:

REBID NHARNG Building 1 & 2 Cooling Plant Updates

April 01, 2022

LOCATION:

Merrimack

Awarded To:

Amount:

Award Date:

\$0.00

Certified by:

Summary of Bidders

Contractor	Bid Amount	Rank
NORTHERN PEABODY LLC 25 DEPOT STREET, MANCHESTER NH 03101	\$849,000.00	A
RTH MECHANICAL CONTRACTORS INC 17 PRODUCTION DRIVE, DOVER NH 03820	\$877,633.00	В
INTEGRATED FACILITIES CONSTRUCTION CORP 92 HIGH STREET, MEDFORD MA 02155	\$895,700.00 . 7	C

Itan # 901:\$749,000.
\$849,000.
1 tem # (02 4,000 5 Ub Total = \$ 849,000 Alt #1 = \$ 197,000.
AH#I - 1
Total This = \$1,046,000.
Project

BUREAU OF PUBL	IC WORKS
Award to No	othern Peabody, LLC
Hold for Negot	ation
Cancel Contract	it
User Agency	
Date	604202/

Division of Public Works

ABC Bid Data

CONCORD 81129RB NON-FEDERAL

				PSAE		25 DEP	PEABOOY LLC OT STREET ITER, MH 03101	RTH MECHANICAL CONTRACTORS INC 17 PRODUCTION DRIVE DOVER, NH 83820		
Item No.	Description	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total	
Items										
901	REMOVE AND REPLACE THE COOLING SYSTEM AT BUILDING 1	ľ	1,00	\$1,200,000.00	\$1,200,000.00	\$749,000.00	\$749,000.00	\$777,633.00	\$777,633.00	
902	OWNERS CHANGES FOR UNKNOWN LATENT OR DIFFERING CONDITIONS	S	100,000.00	\$1.00	\$100,000.00	\$1.00	\$100,000.00	\$1,00	\$100,000.00	
			Totals:		\$1,300,000.00		\$849,000.00		\$877,633.00	
81129RB	ADD ALTERNATE								<u>-</u>	
ADD A	LTERNATE 1									
991	ADD ALTERNATE 1: PROVIDE THE COST OF CHILLER 3 FOR BUILDING 2	U	1.00	\$300,000,00	\$300,000,00	\$197,000,00	\$197,000,00	\$176,078,00	\$176,078.00	
	- -									
			Alt. Totals:							
	. CA				\$1,300,000.00		\$849,000,00		\$877,633.00	

1775

Division of Public Works

ABC Bid Data

CONCORD 81129RB NON-FEDERAL

				PSSE		INTEGRATED FACILITIES CONSTRUCTION CORP 92 HIGH BTREET MEDFORD, MA 92155			
Item No. Desc	scription	Unit	Quantity	Unit Price	Total	Unit Price	Total	Unit Price	Total
Items									, - .
	MOVE AND REPLACE THE COOLING SYSTEM AT	U	1.00	\$1,200,000.00	\$1,200,000.00	\$795,700.00	\$795,700.00		
	NERS CHANGES FOR UNKNOWN LATENT OR FERING CONDITIONS	\$	100,000.00	\$1.00	\$100,000.00	\$1,00	\$100,000,00		
	·		Totals:		\$1,300,000.00		\$895,700.00		
81129RB ADD AI ADD ALTERNAT									
	D ALTERNATE 1: PROVIDE THE COST OF CHILLER 3 R BUILDING 2	υ	1.00	\$300,000,00	\$300,000,00	\$143,000.00	\$143,000.00		
	- 								
			Alt, Totals;						

Totals:

\$1,300,000.00

\$895,700.00



CERTIFICATE OF LIABILITY INSURANCE

7/2/2021

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(les) 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			CONTACT Basil Makris	
THE ROWLEY AGENCY INC.			PHONE (603) 224-2562 [AC, No. Ext): (603) 224-2562	7324-8012
45 Constitution Avenue	,		MAN ADDRESS; bmakris@rowleysgency.com	
P.O. Box 511			INSURER(S) AFFORDING COVERAGE	NAIC #
Concord	MH	03302-0511	MBURERA: Continental Western	10804
INSURED			MSURERS: Union Insurance Company	25844
Northern Peabody, LLC			MEURERC: Acadia Insurance Company	31325
PO Box 569			MSURERD; Acadia Ins. Co.	313251
3e			INSURER E :	
Manchester	MH	03105	MBURER F :	

CERTIFICATE 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.

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1	<u> </u>	<u></u> ,		l	CPA 5343059-13	4/8/2021	4/8/2022	MED EXP (Any one person) \$ 10,000
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		datory in NH) describe under			WCA 5343062-13	4/8/2021	4/0/2022	E.L. DISEASE - EA EMPLOYEE \$ 500,000
┝┈╢	DÉSC	CRIPTION OF OPERATIONS below	_	_				ELL DISEASE - POLICY LIMIT \$ 500,000
C	Lee	sed & Rented Equipment			CIN 5344598-13	4/0/2021	4/8/2022	Link: \$75,000
С	Ine	tallstion Floater		ľ	CIN 5344598-13	4/8/2021	4/8/3022	Limit: \$500,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD tot, Additional Remembs Schedule, may be established W more appear to required)
RE: #621239 Contract RESHHARNG Building 1 & 2 Cooling Plant Upgrades . The State of New Hampshire, its agencies, and its agents and employees are additional insureds with respect to general, auto and umbrella liability when required by written contract.

CERTIFICATE HOLDER	CANCELLATION
State of New Hampshire c/o Department of Administrative Services 7 Hazen Drive, Room 250	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
Concord, NH 03302	AUTHORIZED REPRESENTATIVE
	Basil Makris/BCM Brail Makris

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EVIDENCE OF PROPERTY INSURANCE

7/2/2021

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AGENCY	PHONE IA/C. No. I	Trib (603)224-2562	COMPANY				
THE ROWLEY AGENCY		<u> </u>	Acadia Insuran	ce Company	,		,
45 Constitution Av	enue		One Acadia Con	mons			
P.O. Box 511			P.O. Box 9010				
Concord	NH	03302-0511	Westbrook	ME	0409	8-5010	
FAX (A/C, No); (603) 224-8032	B-MAIL ADDRESS:	bmakris@rowleyagency.com	<u> </u>				ı
CODE:		SUB CODE:					
AGENCY CUSTOMER ID #: 00004293							i
INSURED			LOAN NUMBER			POLICY NUMBER	
Northern Peabody,	LLC],	CIM 5483808	
PO Box 569			EFFECTIVE DATE	EXPIRATION	DATE		
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DELIVERED IN ACCORDAN		RIBED POLICIES BE CANCELLED BE THE POLICY PROVISIONS.	FORE THE EXPIRATION	DATE THEREOF	F, NOTI	CE WILL BE	
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State of MH Department of A 7 Hazen Drive	âminist	rative Services	LOSS PAYEE			Basil Mad	laid-



CERTIFICATE OF LIABILITY INSURANCE

7/2/2021

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certificate holder in lieu of such endors	ement(s	<u>). </u>							
PRODUCER			NAME: Basil M	iakris					
THE ROWLEY AGENCY INC.			PHOME (603) 224-2562 FAY (AC, No): (603) 234-9018						
45 Constitution Avenue			E-MAN. ADDRESS: bmakris	@rowleyag	ency.com				
P.O. Box 511			int		NAIC #				
Concord NH 03	302-051	11	MSURER A: Acadia		31325				
INSURED			INSURER B:						
State of New Hampshire			INSURER C :	-		_			
Department of Administrative Se	rvices	•	MEURER D :						
7 Hazen Dr., Room 250			MSURER E :						
Concord NH 03:	302-048)3	INSURER F:						
COVERAGES CER	TIFICAT	E NUMBER:	Turanital t		REVISION NUME	ER:			
THIS IS TO CERTIFY THAT THE POLICIES OF INDICATED. NOTWITHSTANDING ANY REQUESTIFICATE MAY BE ISSUED OR MAY PER EXCLUSIONS AND CONDITIONS OF SUCH P	JIREMENT TAIN, THE	T, TERM OR CONDITION OF AN INSURANCE AFFORDED BY T	IY CONTRACT OR OTH THE POLICIES DESCRI	HER DOCUME	NT WITH RESPECT 1	TO WHICH THIS)		
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LTR TYPE OF INSURANCE COMMERCIAL GENERAL LIABILITY	INSD INV	POLICY MUMBER	POLICY EFF	(MIM/DEGYTYY)		LIMITE			
A CLAMS-MADE X OCCUR] .		•	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurre) s	2,000,000		
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AUTOMOBILE LIABILITY					COMBINED SINGLE LIN	UT 3			
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AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE Y / N				}					
OFFICERALEMBER EXCLUDED?	N/A			j	E.L. EACH ACCIDENT				
(Mandatory In NH) If yes, describe under	- 1	•		}	E.L. DISEASE - EA EMPL				
DESCRIPTION OF OPERATIONS below		 			E.L. DISEASE - POLICY !	LIMIT \$			
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES	(ACORD 10	M, Additional Remarks Schedule, may	y be attached if more epace	la required)					
RE: #81129RB Concord WHARNG Buil		e z cooling Plant O	pgrædes. (Contr	actor Nor	tnern ⊬eabody,	LLC)			
CERTIFICATE HOLDER		<u> </u>	CANCELLATION	 -	 -				
State of New Hampshire Department of Administra 7 Hazen Drive	tive S	ervices	SHOULD ANY OF THE THE EXPIRATION DA ACCORDANCE WITH	TE THEREOF,	NOTICE WILL BE DE		BEFORE		
Room 250 Concord, NH 03301	_	İ	eggy Johnson/PA	_	Pagy	a Johnson			

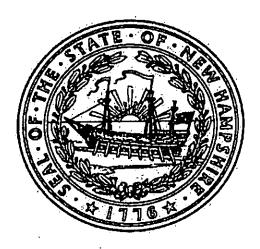
State of New Hampshire Department of State

CERTIFICATE

I, William M. Gardner, Secretary of State of the State of New Hampshire, do hereby certify that NORTHERN PEABODY, LLC is a Delaware Limited Liability Company registered to transact business in New Hampshire on August 31, 2001. I further certify that all fees and documents required by the Secretary of State's office have been received and is in good standing as far as this office is concerned.

Business ID: 382433

Certificate Number: 0005375650



IN TESTIMONY WHEREOF,

I hereto set my hand and cause to be affixed the Seal of the State of New Hampshire, this 2nd day of June A.D. 2021.

William M. Gardner

Secretary of State