Sept 19th ruly



Phone: (732) 249-4911

<u>www.HannasServices.com</u> 44 N. Main Street, Milltown NJ 08850 Fax: (732) 249-6911

Franklin Elementary School

8-25-17

1550 Lindy Terrace

Union, NJ 07083

ATTN:

VMG Group / Mike Bojecv

RE:

Mechanical Change Order

Mechanical & Electrical Scope of Work:

This Plumbing Change Order has been drafted by request to satisfy proper documentation and compensation to Hanna's Mechanical Contractors Inc. for the mechanical and electrical work needed to bring the current condition of (27) existing condenser units to safe and proper function.

The scope of work will consist of changing out the existing electrical conduit above the roof deck with new EMT with rain tight fittings and liquid metal conduit for a maximum of 6' at (27) existing condenser units. Disconnecting and replacement of disconnect switches and connectors at (27) existing condenser units. Disconnect above roof deck liquid and suction refrigerant lines and replacing with new liquid and suction refrigerant lines with new 1 ½" Armorflex insulation UV rated. All work is to be done above roof deck to facilitate the new roof installation.

The following material and labor breakdown reflects the work needed to satisfy all (27) existing condenser units.

LABOR & MATERIAL COST BREAKDOWN

Replacement of Disconnect Switches and Connectors @ (27) Existing Condenser Units

Labor Breakdown

(1) Electrician @ \$86.01 per hour for (14) hours

\$1,204.14

Material Breakdown

Disconnect Switches and connectors for (27) units

\$2,430.00

Profit & Overhead @ 10%

\$363.41

Total Cost

\$3,997.00



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Replacement of Electrical Conduit @ (27) Existing Condenser Units

Labor Breakdown

(1) Electrician @ \$86.01 per hour for (40) hours

\$3,440.40

Material Breakdown

EMT Conduit w/ rain tight connectors

\$2,565.00

Profit & Overhead @ 10%

\$600.54

Total Cost

\$6,606.00

Replacement of Refrigerant Lines & Insulation @ (27) Existing Condenser Units

Labor Breakdown

(1) HVAC Technician @ \$60.39 per hour for (40) hours

\$2,415.60

Material Breakdown

Ref. lines, site glass, nitrogen, brazing rods, torch, insulation

\$9,450.00

Profit & Overhead @ 10%

\$1,186.56

Total Cost

\$13,052.00

Total Change Order Cost

\$23,655.00

CO Request

Owner: Union BOE Architect: PSA

Attn: Hae-An Chyun Re: work needed to staisfy all 27 existing condenser units

DATE 8/25/2017

CO# 1C

Job Name: franklin es

roof replacement

Proposal valid until: 9/24/2017

Please see below the cost to perform replacement of refrigerant lines & insulation at 27 existing condenser units

DESCRIPTION	QUANT.	UNIT	U	NIT PRICE	 AMOUNT
subcontractor's cost	1	ls	\$	13,052.00	\$ 13,052.00
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And the state of t	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1	SUBTOTAL	\$ 13,052.00
				O&F 5%	\$ 652.60
				TOTAL	\$ 13,704.60

Signed: Vane Bojcev	
Rojew	, (
Accepted By:	437.4°
	24,83



CO Request

Owner: Union BOE Architect: PSA Attn: Hae-An Chyun

Re: work needed to staisfy all 27

DATE 8/25/2017

CO# 1A

Job Name: franklin es

roof replacement

Proposal valid until: 9/24/2017

Please see below the cost to perform replacement of disconnect switches & connectors at 27 existing condenser units

DESCRIPTION	QUANT.	ÜNIT	U	NIT PRICE	· ·	AMOUNT
subcontractor's cost	1	ls	\$	3,997.00	\$	3,997.00
		gyrgani vina sa vidi kim "L EXTERNO A V	10004	high reprises and when the \$44 Exercises must be easily	\$	
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	e karmanini meneralah keralah dari berakan dari berakan dari berakan dari berakan dari berakan dari berakan dari	Harry Company		SUBTOTAL	\$	3,997.00
				O&F 5%	\$	199.85
				TOTAL	\$	4,196.85

Signed: Vane	Bojcev	
	MOJON	
Accepted By:		

CO Request

Owner: Union BOE Architect: PSA Attn: Hae-An Chyun

Re: work needed to staisfy all 27

DATE 8/25/2017

CO# 1B

Job Name: franklin es

roof replacement

Proposal valid until: 9/24/2017

Please see below the cost to perform replacement of electrical conduit at 27 condenser units

DESCRIPTION	QUANT,	UNIT	U	NIT PRICE	TALLES TO SECURE	AMOUNT
subcontractor's cost	1	ls	\$	6,606,00	\$	6,606,00
	, and the same of	Virtuil Company		THE SECTION OF SECTION STATES AND ASSESSMENT OF SECURITY SECTION SECTI	\$	THE COLUMN TWO IS NOT THE PROPERTY OF THE PROP
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					\$	
	- In a section of Links		(SUBTOTAL	\$	6,606.00
				O&F 5%	\$	330.30
				TOTAL	\$	6,936.30

Signed: Vane Bo	ojcev	
	Mokel	
A		
Accepted By:		