

RESOLUTION NO. 2023 - 45

A RESOLUTION AUTHORIZING AND DIRECTING THE ADMINISTRATION TO ENTER INTO A WORK ORDER CONTRACT WITH THE K COMPANY, INC. THROUGH SOURCEWELL, AND AUTHORIZING AND DIRECTING AN EXPENDITURE FOR THE CASSIDY THEATRE MECHANICAL UPGRADES PROJECT, AND DECLARING AN EMERGENCY

WHEREAS, the Council authorized membership in the National Joint Power Alliance [now known as Sourcewell], a purchasing cooperative in Ordinance No. 2017-3; and

WHEREAS, the work order contract to complete the Cassidy Theatre Mechanical Upgrades Project from The K Company, Inc. dated June 27, 2023, listed as Exhibit "A", attached hereto, and made a part hereof as though fully rewritten, was obtained through the National Joint Power Alliance [now known as Sourcewell]; and

WHEREAS, Council may authorize the Agreement through the City's membership in the National Joint Power Alliance [now known as Sourcewell], a purchasing cooperative, pursuant to Article V Sections 1 and 6 of the Charter, and Ohio Revised Code Section 9.48 without a competitive bidding process.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Parma Heights, County of Cuyahoga and State of Ohio:

Section 1: The Administration is hereby authorized and directed to enter into a work order contract with The K Company, Inc., 2234 South Arlington Road, Akron, Ohio 44319, and to expend funds in the amount of \$171,501.52, in the form identified as Exhibit "A" attached hereto, and made a part hereof as though fully rewritten, for the Cassidy Theatre Mechanical Upgrades Project.

Section 2: This Council finds and determines that all formal actions of this Council concerning and relating to the adoption of this Resolution were taken in an open meeting of this Council and that all deliberations of the Council and of any of its Committees comprised of a majority of the members of the Council that resulted in those formal actions were in meetings open to the public, in compliance with the law.

Section 3: This Council declares this Resolution to be an emergency measure for the immediate preservation of the public health, peace, and safety of this municipality and for the further reason that it is necessary to make much needed mechanical updates to the air conditioning system at Cassidy Theatre as soon as possible; wherefore, this Resolution shall be in full force and effect immediately after its passage by Council and approval of the Mayor.

PASSED: Aug. 21, 2023 Thomas Rounds
PRESIDENT OF COUNCIL

ATTEST: Barbara Allen Aug. 21, 2023
CLERK OF COUNCIL APPROVED

FILED WITH THE MAYOR: Aug. 21, 2023 Marie Gallo
MAYOR MARIE GALLO



Work Order Signature Document

EZIQC Contract No.: OH-R2-HVAC01-102021-TKC

New Work Order Modify an Existing Work Order

Work Order Number: 117374.00 Work Order Date: 06/27/2023
Work Order Title: Parma Heights Cassady Theater Condensers Replacement
Owner Name: City of Parma Heights - 7308 Contractor Name: The K Company, Inc.
Contact: Pete DiFranco Contact: Karl Frye
Phone: 216.377.3813 Phone: (330) 773-5125

Work to be Performed

Work to be performed as per the Final Detailed Scope of Work Attached and as per the terms and conditions of EZIQC Contract No OH-R2-HVAC01-102021-TKC.

Brief Work Order Description:

Replace three roof top mounted condenser units including coils at the air distribution unit. Replace refrigerant and return piping due to R-22 coolant in use currently. Include controls connections. Add disconnects at the units for theater and lobby spaces. Permits and inspections may be required. City work so fees are waived.

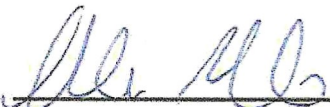
Time of Performance


Liquidated Damages Will apply: Will not apply:

Work Order Firm Fixed Price: \$171,501.52

Owner Purchase Order Number:

Approvals

 8/22/22
Owner Date

 8/23/23
Contractor Date

Detailed Scope of Work

To: Karl Frye
 The K Company, Inc.
 2234 S. Arlington Rd
 Akron, OH 44319
 (330) 773-5125

From: Pete DiFranco
 City of Parma Heights
 6281 Pearl Road
 Parma Heights, OH 44130
 216.377.3813

Date Printed: June 27, 2023

Work Order Number: 117374.00

Work Order Title: Parma Heights Cassady Theater Condensers Replacement

Brief Scope: Replace three roof top mounted condenser units including coils at the air distribution unit. Replace refrigerant and return piping due to R-22 coolant in use currently. Include controls connections. Add disconnects at the units for theater and lobby spaces. Permits and inspections may be required. City work so fees are waived.

Preliminary

Revised

Final

The following items detail the scope of work as discussed at the site. All requirements necessary to accomplish the items set forth below shall be considered part of this scope of work.

- Recover refrigerant per EPA regulations.
- Remove and dispose of the following:
 1. Three (3) Carrier roof mounted air-cooled condensing units (1-10-Ton, 1-20-Ton and 1-25-Ton).
 2. Three (3) Carrier Evaporator coils (1-10-Ton, 1-20-Ton and 1-25-Ton).
 3. All Associated refrigerant piping.
 4. All Associated refrigerant specialities.
 5. All existing roof mounted pate rails.
- Disconnect the existing high voltage circuit from the condensing units.
- Disconnect the existing low voltage circuit from the condensing units.
- Provide and install new pate rails to fit the footptint of the new units.
- Provide portal plus curbs for the refriferant piping, electric and control wiring.
- Roof in the new pate rails and portal plus curbs.
- Provide all necessary crane and rigging.
- Set new carrier air-cooled condensing units on the new pate rails on the roof.
- Install new evaporator coils into the existing air handlers.
- Provide and install new refrigerant piping, from the new evaporator coils to the new condensing units including new refrigerant specialities.
- Reconnect the existing high voltage electric to the new condensing units, including new disconnects and fuses.
- Reconnect the existing control voltage circuits.
- Evacuate the refrigerant systems and charge with the proper amount of refrigerant.
- Start up and check operation of new equipment.
- Provide end user training.

Detailed Scope of Work Continues..

Work Order Number: 117374.00


Work Order Title: Parma Heights Cassady Theater Condensers Replacement

- Provide closeout documentation.



Contractor

8/23/23
Date



Owner

8/22/2023
Date

Contractor's Price Proposal - Summary

Date: June 27, 2023

Re: IQC Master Contract #: OH-R2-HVAC01-102021-TKC
Work Order #: 117374.00
Owner PO #:
Title: Parma Heights Cassady Theater Condensers Replacement
Contractor: The K Company, Inc.
Proposal Value: \$171,501.52

No Category Input **\$171,501.52**

Proposal Total **\$171,501.52**

The Percentage of NPP on this Proposal: **1.51%**

Contractor's Price Proposal - Detail

Date: June 27, 2023

Re: IQC Master Contract #: OH-R2-HVAC01-102021-TKC
 Work Order #: 117374.00
 Owner PO #:
 Title: Parma Heights Cassady Theater Condensers Replacement
 Contractor: The K Company, Inc.
 Proposal Value: \$171,501.52

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		

No Category Input

1	01 22 16 00 0002		EA	Reimbursable Fees Reimbursable Fees will be paid to the contractor for eligible costs as directed by Owner. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee. If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warranty, expedited shipping costs, etc.). A copy of each receipt shall be submitted with the Price Proposal.	\$2,488.20
			Installation	Quantity: 2,262.00 x Unit Price: 1.00 x Factor: 1.1000 = Total: 2,488.20	
			Bond		
2	01 22 20 00 0031		HR	Steam / Pipe Fitter For tasks not included in the Construction Task Catalog® and as directed by owner only.	\$3,350.91
			Installation	Quantity: 36.00 x Unit Price: 76.92 x Factor: 1.2101 = Total: 3,350.91	
				Extra time to get evaporator coils in place. The two that go into the two upstairs mechanical rooms, need to be hoisted up from the theater below. They will not fit in the elevator.	
3	01 22 20 00 0031 0001		MOD	For Foreman, Add	\$167.72
			Installation	Quantity: 36.00 x Unit Price: 3.85 x Factor: 1.2101 = Total: 167.72	
4	01 22 23 00 0824		MO	Torch Burning Package With Full Time Operator Includes torch set , regulator, hoses, oxygen tank and acetylene tank.	\$16,357.54
			Installation	Quantity: 1.00 x Unit Price: 13,517.51 x Factor: 1.2101 = Total: 16,357.54	
				Torch set and operator for brazing	
5	01 22 23 00 0960		DAY	60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	\$6,024.41
			Installation	Quantity: 2.00 x Unit Price: 2,489.22 x Factor: 1.2101 = Total: 6,024.41	
				Crane to remove equipment from roof and lift new equipment to the roof. 1 lift to remove old and a second lift once the roofing is complete	
6	01 71 13 00 0003		EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom man lifts with >40' boom lengths, etc.	\$1,980.06
			Installation	Quantity: 2.00 x Unit Price: 818.14 x Factor: 1.2101 = Total: 1,980.06	
				For delivery of crane counterweights as well as delivery and removal of pate rails and equipment. Two separate deliveries on 2 separate days	
7	01 71 13 00 0008		EA	70 To 100 Ton Lift Move On/Off Cost, Hydraulic Crane Includes delivery and pickup.	\$2,853.22
			Installation	Quantity: 2.00 x Unit Price: 1,178.92 x Factor: 1.2101 = Total: 2,853.22	
				For the crane. Two lifts on two separate days	

Contractor's Price Proposal - Detail Continues..

Work Order Number: 117374.00

Work Order Title: Parma Heights Cassady Theater Condensers Replacement

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
No Category Input					
8	01 71 13 00 0008	0044	MOD	For >30 To 60 Miles Radius, Add	\$713.31
			Installation	Quantity 2.00 x Unit Price 294.73 x Factor 1.2101 = Total 713.31	
9	01 74 19 00 0014		EA	20 CY Dumpster (3 Ton) "Construction Debris" Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.	\$617.15
			Installation	Quantity 1.00 x Unit Price 510.00 x Factor 1.2101 = Total 617.15	
				For construction debris	
10	05 43 00 00 0003		LF	1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	\$972.92
			Installation	Quantity 75.00 x Unit Price 9.00 x Factor 1.2101 = Total 816.82	
			Demolition	Quantity 75.00 x Unit Price 1.72 x Factor 1.2101 = Total 156.10	
				For refrigerant piping	
11	05 43 00 00 0003	0171	MOD	For Powder Coating, Add	\$75.33
			Installation	Quantity 75.00 x Unit Price 0.83 x Factor 1.2101 = Total 75.33	
12	06 11 16 00 0008		LF	2" x 6" Pressure Treated Wood Rafter	\$186.36
			Installation	Quantity 50.00 x Unit Price 2.31 x Factor 1.2101 = Total 139.77	
			Demolition	Quantity 50.00 x Unit Price 0.77 x Factor 1.2101 = Total 46.59	
				Nailers for on top of pate rails	
13	07 01 50 81 0002		SF	Up To 10 SF Roof Repair, Built-Up Roofing	\$4,638.62
			Installation	Quantity 269.00 x Unit Price 14.25 x Factor 1.2101 = Total 4,638.62	
				For the roofing	
14	07 05 13 00 0003		EA	>1 To 2 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	\$737.91
			Installation	Quantity 1.00 x Unit Price 609.79 x Factor 1.2101 = Total 737.91	
				For the roofing	
15	07 11 13 00 0006		CSF	Primer And 2 Coats, Fibrous Asphalt Dampproofing, Troweled On	\$1,016.98
			Installation	Quantity 2.69 x Unit Price 312.42 x Factor 1.2101 = Total 1,016.98	
				For the roofing	
16	07 13 13 00 0003		CSF	2 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	\$1,148.23
			Installation	Quantity 2.69 x Unit Price 277.32 x Factor 1.2101 = Total 902.72	
			Demolition	Quantity 2.69 x Unit Price 75.42 x Factor 1.2101 = Total 245.50	
				For the roofing	
17	07 13 13 00 0011		CSF	1/2" Asphalt Coated Protective Board	\$1,266.78
			Installation	Quantity 2.69 x Unit Price 315.65 x Factor 1.2101 = Total 1,027.49	
			Demolition	Quantity 2.69 x Unit Price 73.51 x Factor 1.2101 = Total 239.29	
				For the roofing	

Contractor's Price Proposal - Detail Continues..

Work Order Number: 117374.00

Work Order Title: Parma Heights Cassady Theater Condensers Replacement

Sect.	Item	Modifier	UOM	Description	Line Total		
Labor	Equip.	Material	(Excluded if marked with an X)				
No Category Input							
18	07 72 13 00 0053		EA	26" x 26" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	\$1,777.87		
				Quantity	Unit Price	Factor	Total
			Installation	3.00 x	429.26 x	1.2101 =	1,558.34
			Demolition	3.00 x	60.47 x	1.2101 =	219.52
				Portal plus curb for the refrigerant piping, electric and controls for CU # 1, 2 & 3			
19	22 07 19 00 0342		LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	\$926.82		
				Quantity	Unit Price	Factor	Total
			Installation	90.00 x	5.89 x	1.2101 =	641.47
			Demolition	90.00 x	2.62 x	1.2101 =	285.34
				Suction line insulation for CU # 2			
20	22 07 19 00 0343		LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	\$967.11		
				Quantity	Unit Price	Factor	Total
			Installation	90.00 x	6.20 x	1.2101 =	675.24
			Demolition	90.00 x	2.68 x	1.2101 =	291.88
				Suction line insulation for CU # 3			
21	22 07 19 00 0344		LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	\$1,666.31		
				Quantity	Unit Price	Factor	Total
			Installation	150.00 x	6.45 x	1.2101 =	1,170.77
			Demolition	150.00 x	2.73 x	1.2101 =	495.54
				Suction line insulation for CU # 1			
22	23 00 00 00 0047		Each	Carrier Hail Guards For Condensing Units # 1, 2 & 3	\$2,592.80		
				Quantity	Unit Price	Factor	Total
			Installation	1.00 x	2,142.63 x	1.2101 =	2,592.80
				Hail Guards for CU # 1, 2 & 3			
23	23 01 60 71 0002		LB	Recovery Of Refrigerant	\$1,040.20		
				Quantity	Unit Price	Factor	Total
			Installation	140.00 x	6.14 x	1.2101 =	1,040.20
				Refrigerant recovery per EPA regulations			
24	23 05 29 00 0329		EA	1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	\$767.78		
				Quantity	Unit Price	Factor	Total
			Installation	44.00 x	10.50 x	1.2101 =	559.07
			Demolition	44.00 x	3.92 x	1.2101 =	208.72
				For refrigerant piping			
25	23 05 29 00 0331		EA	1" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	\$622.28		
				Quantity	Unit Price	Factor	Total
			Installation	32.00 x	11.37 x	1.2101 =	440.28
			Demolition	32.00 x	4.70 x	1.2101 =	182.00
				For refrigerant piping			
26	23 05 29 00 0333		EA	1-1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	\$615.31		
				Quantity	Unit Price	Factor	Total
			Installation	28.00 x	12.67 x	1.2101 =	429.30
			Demolition	28.00 x	5.49 x	1.2101 =	186.02
				For refrigerant piping			

Contractor's Price Proposal - Detail Continues..

Work Order Number: 117374.00
Work Order Title: Parma Heights Cassady Theater Condensers Replacement

Sect.	Item	Modifier	UOM	Description	Line Total					
Labor	Equip.	Material	(Excluded if marked with an X)							
No Category Input										
27	23 05 48 13 0007		EA	50 To 500 LB Rated Spring And Rubber Hanger For Vibration Isolation With 3/4" Max Rod Size	\$1,875.27					
				Quantity	Unit Price	Factor	=	Total		
			Installation	12.00	x	115.04	x	1.2101	=	1,670.52
			Demolition	12.00	x	14.10	x	1.2101	=	204.75
				For CU # 1, 2 & 3						
28	23 05 93 00 0010		EA	Balancing Constant Volume Air Handling Unit	\$2,097.08					
				Quantity	Unit Price	Factor	=	Total		
			Installation	3.00	x	577.66	x	1.2101	=	2,097.08
				Balance air flow after coils are installed into air handler # 1, 2, & 3						
29	23 09 23 11 0719		EA	DPDT Relay Option Relay may be used for control override (e.g. BLRBAC), or to provide dry contacts for alarm annunciation.	\$1,136.25					
				Quantity	Unit Price	Factor	=	Total		
			Installation	3.00	x	312.99	x	1.2101	=	1,136.25
				Control relay for CU # 1, 2 & 3						
30	23 23 13 00 0003		EA	3/8" Refrigeration Ball Valve, Sweated	\$197.20					
				Quantity	Unit Price	Factor	=	Total		
			Installation	4.00	x	32.91	x	1.2101	=	159.30
			Demolition	4.00	x	7.83	x	1.2101	=	37.90
				Isolation valves for filter driers						
31	23 23 13 00 0005		EA	5/8" Refrigeration Ball Valve, Sweated	\$532.73					
				Quantity	Unit Price	Factor	=	Total		
			Installation	8.00	x	47.20	x	1.2101	=	456.93
			Demolition	8.00	x	7.83	x	1.2101	=	75.80
				Isolation valves for filter driers						
32	23 23 13 00 0033		EA	1/2" Solenoid Valve, Refrigeration	\$498.63					
				Quantity	Unit Price	Factor	=	Total		
			Installation	2.00	x	198.20	x	1.2101	=	479.68
			Demolition	2.00	x	7.83	x	1.2101	=	18.95
				For CU # 2						
33	23 23 13 00 0034		EA	5/8" Solenoid Valve, Refrigeration	\$1,021.61					
				Quantity	Unit Price	Factor	=	Total		
			Installation	4.00	x	203.23	x	1.2101	=	983.71
			Demolition	4.00	x	7.83	x	1.2101	=	37.90
				For CU # 1 & 3						
34	23 23 16 00 0015		LF	3/8" Outside Diameter Type L Drawn, ACR Copper Tubing	\$749.29					
				Quantity	Unit Price	Factor	=	Total		
			Installation	90.00	x	4.69	x	1.2101	=	510.78
			Demolition	90.00	x	2.19	x	1.2101	=	238.51
				Refrigerant liquid ling piping for CU # 2						
35	23 23 16 00 0017		LF	5/8" Outside Diameter Type L Drawn, ACR Copper Tubing	\$2,237.72					
				Quantity	Unit Price	Factor	=	Total		
			Installation	230.00	x	5.85	x	1.2101	=	1,628.19
			Demolition	230.00	x	2.19	x	1.2101	=	609.53
				Liquid line for CU # 1 & 3						

Contractor's Price Proposal - Detail Continues..

Work Order Number: 117374.00

Work Order Title: Parma Heights Cassady Theater Condensers Replacement

Sect.	Item	Modifier	UOM	Description			Line Total	
Labor	Equip.	Material	(Excluded if marked with an X)					
No Category Input								
36	23	23	16	00	0019	LF	7/8" Outside Diameter Type L Drawn, ACR Copper Tubing	\$1,391.86
							Installation	
							Demolition	
							Refrigerant Suction piping for CU # 2	
							Installation	
							Demolition	
							Refrigerant suction line piping for CU # 3	
37	23	23	16	00	0020	LF	1-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing	\$1,584.63
							Installation	
							Demolition	
							Refrigerant suction line piping for CU # 3	
38	23	23	16	00	0021	LF	1-3/8" Outside Diameter Type L Drawn, ACR Copper Tubing	\$3,250.93
							Installation	
							Demolition	
							Refrigerant suction line for CU # 1	
39	23	23	16	00	0061	EA	3/8" ACR Wrought Copper Coupling	\$81.06
							Installation	
							Demolition	
							Fittings for refrigerant piping	
40	23	23	16	00	0063	EA	5/8" ACR Wrought Copper Coupling	\$284.25
							Installation	
							Demolition	
							Fittings for refrigerant piping	
41	23	23	16	00	0065	EA	7/8" ACR Wrought Copper Coupling	\$118.53
							Installation	
							Demolition	
							Fittings for refrigerant piping	
42	23	23	16	00	0066	EA	1-1/8" ACR Wrought Copper Coupling	\$154.58
							Installation	
							Demolition	
							Fittings for refrigerant piping	
43	23	23	16	00	0067	EA	1-3/8" ACR Wrought Copper Coupling	\$438.61
							Installation	
							Demolition	
							Fittings for refrigerant piping	
44	23	23	16	00	0089	EA	3/8" ACR Wrought Copper Long Radius 90 Degree Elbow	\$410.08
							Installation	
							Demolition	
							Fittings for refrigerant piping	

Contractor's Price Proposal - Detail Continues..

Work Order Number: 117374.00
Work Order Title: Parma Heights Cassady Theater Condensers Replacement

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
No Category Input					
45	23 23 16 00 0091		EA	5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	\$878.53
				Installation	Quantity: 24.00, Unit Price: 21.40, Factor: 1.2101, Total: 621.51
				Demolition	Quantity: 24.00, Unit Price: 8.85, Factor: 1.2101, Total: 257.03
				Fittings for refrigerant piping	
46	23 23 16 00 0093		EA	7/8" ACR Wrought Copper Long Radius 90 Degree Elbow	\$586.80
				Installation	Quantity: 12.00, Unit Price: 28.42, Factor: 1.2101, Total: 412.69
				Demolition	Quantity: 12.00, Unit Price: 11.99, Factor: 1.2101, Total: 174.11
				Fittings for refrigerant piping	
47	23 23 16 00 0094		EA	1-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow	\$784.44
				Installation	Quantity: 12.00, Unit Price: 39.13, Factor: 1.2101, Total: 568.21
				Demolition	Quantity: 12.00, Unit Price: 14.89, Factor: 1.2101, Total: 216.22
				Fittings for refrigerant piping	
48	23 23 16 00 0095		EA	1-3/8" ACR Wrought Copper Long Radius 90 Degree Elbow	\$1,136.43
				Installation	Quantity: 12.00, Unit Price: 57.88, Factor: 1.2101, Total: 840.49
				Demolition	Quantity: 12.00, Unit Price: 20.38, Factor: 1.2101, Total: 295.94
				Fittings for refrigerant piping	
49	23 23 16 00 0151		EA	3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	\$151.36
				Installation	Quantity: 2.00, Unit Price: 49.54, Factor: 1.2101, Total: 119.90
				Demolition	Quantity: 2.00, Unit Price: 13.00, Factor: 1.2101, Total: 31.46
				Sight glass for CU # 2	
50	23 23 16 00 0153		EA	5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	\$405.67
				Installation	Quantity: 4.00, Unit Price: 65.76, Factor: 1.2101, Total: 318.30
				Demolition	Quantity: 4.00, Unit Price: 18.05, Factor: 1.2101, Total: 87.37
				New sight glasses for CU # 1 & 3	
51	23 23 16 00 0161		EA	5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	\$1,842.74
				Installation	Quantity: 4.00, Unit Price: 374.20, Factor: 1.2101, Total: 1,811.28
				Demolition	Quantity: 4.00, Unit Price: 6.50, Factor: 1.2101, Total: 31.46
				For CU # 1 & 3	
52	23 23 16 00 0171		EA	3/8" Outside Diameter, 1/2 To 2 Ton, Sealed In-Line Filter Drier, Solder Connections	\$197.92
				Installation	Quantity: 2.00, Unit Price: 75.28, Factor: 1.2101, Total: 182.19
				Demolition	Quantity: 2.00, Unit Price: 6.50, Factor: 1.2101, Total: 15.73
				For CU # 2	
53	23 23 16 00 0200		EA	1/2" In x 7/8" Out, 4 To 5 Ton, Thermostatic Expansion Valve	\$562.26
				Installation	Quantity: 2.00, Unit Price: 225.10, Factor: 1.2101, Total: 544.79
				Demolition	Quantity: 2.00, Unit Price: 7.22, Factor: 1.2101, Total: 17.47
				For CU # 2	

Contractor's Price Proposal - Detail Continues..

Work Order Number: 117374.00

Work Order Title: Parma Heights Cassidy Theater Condensers Replacement

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
No Category Input					
54	23 23 16 00 0202		EA	7/8" In x 1-1/8" Out, 7 To 12 Ton, Thermostatic Expansion Valve	\$2,245.22
				Installation	
				Quantity	Unit Price
				4.00 x	455.91 x
					Factor =
					Total
					2,206.79
				Demolition	
				4.00 x	7.94 x
					Factor =
					Total
					38.43
				For CU # 1 & 3	
55	23 23 23 00 0008		LB	R-410A Refrigerant	\$1,907.60
				Installation	
				Quantity	Unit Price
				140.00 x	11.26 x
					Factor =
					Total
					1,907.60
				Refrigerant for new units	
56	23 31 13 13 0003		LB	2" WG And Less (Class C), Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork	\$1,357.86
				Installation	
				Quantity	Unit Price
				115.92 x	7.77 x
					Factor =
					Total
					1,089.94
				Demolition	
				115.92 x	1.91 x
					Factor =
					Total
					267.92
				Cap for over the Nailer on the pate rails. Also, sheet metal for angles, support and drain pan adaption for new coils.	
57	23 31 13 13 0003 0184		MOD	For Up To 200, Add	\$406.80
				Installation	
				Quantity	Unit Price
				115.92 x	2.90 x
					Factor =
					Total
					406.80
58	23 31 13 23 0005		LB	Black Steel Ductwork	\$10,995.99
				Installation	
				Quantity	Unit Price
				464.80 x	13.21 x
					Factor =
					Total
					7,430.02
				Demolition	
				464.80 x	6.34 x
					Factor =
					Total
					3,565.96
				Welded duct for new pate rails. 175 sq. ft. of 16 gauge duct @ 2.656 lb./sq ft = 464.80 lbs.	
59	23 63 13 00 0004		EA	10 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	\$8,361.21
				Installation	
				Quantity	Unit Price
				1.00 x	6,176.62 x
					Factor =
					Total
					7,474.33
				Demolition	
				1.00 x	732.90 x
					Factor =
					Total
					886.88
				New condensing unit # 2	
60	23 63 13 00 0007		EA	20 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	\$15,317.45
				Installation	
				Quantity	Unit Price
				1.00 x	11,704.86 x
					Factor =
					Total
					14,164.05
				Demolition	
				1.00 x	953.14 x
					Factor =
					Total
					1,153.39
				New Condensing unit # 3	
61	23 63 13 00 0008		EA	25 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor	\$17,349.54
				Installation	
				Quantity	Unit Price
				1.00 x	13,311.93 x
					Factor =
					Total
					16,108.77
				Demolition	
				1.00 x	1,025.35 x
					Factor =
					Total
					1,240.78
				New Condensing unit # 1	
62	23 82 16 13 0020		EA	30" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	\$3,704.73
				Installation	
				Quantity	Unit Price
				1.00 x	2,704.96 x
					Factor =
					Total
					3,273.27
				Demolition	
				1.00 x	356.55 x
					Factor =
					Total
					431.46
				For Air Handler # 2	

Contractor's Price Proposal - Detail Continues..

Work Order Number: 117374.00
Work Order Title: Parma Heights Cassidy Theater Condensers Replacement

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
No Category Input					
63	23 82 16 13 0020	0535	MOD	For 12 Fins Per Inch, Add	\$120.56
			Installation	Quantity 1.00 x	Unit Price 99.63 x
				Factor = 1.2101 =	Total 120.56
64	23 82 16 13 0021		EA	30" x 60" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	\$4,430.45
			Installation	Quantity 1.00 x	Unit Price 3,225.54 x
				Factor = 1.2101 =	Total 3,903.23
			Demolition	Quantity 1.00 x	Unit Price 435.69 x
				Factor = 1.2101 =	Total 527.23
				For Air Handler # 3	
65	23 82 16 13 0021	0535	MOD	For 12 Fins Per Inch, Add	\$142.48
			Installation	Quantity 1.00 x	Unit Price 117.74 x
				Factor = 1.2101 =	Total 142.48
66	23 82 16 13 0026		EA	34" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	\$6,120.47
			Installation	Quantity 1.00 x	Unit Price 4,363.14 x
				Factor = 1.2101 =	Total 5,279.84
			Demolition	Quantity 1.00 x	Unit Price 694.68 x
				Factor = 1.2101 =	Total 840.63
				For Air Handler # 1	
67	23 82 16 13 0026	0535	MOD	For 12 Fins Per Inch, Add	\$179.93
			Installation	Quantity 1.00 x	Unit Price 148.69 x
				Factor = 1.2101 =	Total 179.93
68	26 01 20 91 0003		EA	Lock Out/Tag Out Breaker Or Motor StarterExcludes tag or padlock See CSI section 26 01 20 91-0004 for padlock, 26 01 20 91-0005 for tag(s).	\$181.66
			Installation	Quantity 6.00 x	Unit Price 25.02 x
				Factor = 1.2101 =	Total 181.66
				For AHU 1, 2 & 3 as well as CU 1, 2 & 3	
69	26 01 20 91 0004		EA	Lock Out/Tag Out Padlock Device	\$50.46
			Installation	Quantity 6.00 x	Unit Price 6.95 x
				Factor = 1.2101 =	Total 50.46
				For AHU 1, 2 & 3 as well as CU 1, 2 & 3	
70	26 01 20 91 0005		EA	Lock Out/Tag Out Tags	\$18.08
			Installation	Quantity 6.00 x	Unit Price 2.49 x
				Factor = 1.2101 =	Total 18.08
				For AHU 1, 2 & 3 as well as CU 1, 2 & 3	
71	26 05 19 16 0450		MLF	5 Conductor #18 AWG, Stranded, Type TC Control Cable	\$222.42
			Installation	Quantity 0.12 x	Unit Price 1,101.04 x
				Factor = 1.2101 =	Total 159.88
			Demolition	Quantity 0.12 x	Unit Price 430.68 x
				Factor = 1.2101 =	Total 62.54
				Control wiring	
72	26 05 26 00 0022		MLF	8 AWG Copper Insulated Single Stranded Conductor	\$228.54
			Installation	Quantity 0.12 x	Unit Price 1,393.21 x
				Factor = 1.2101 =	Total 202.31
			Demolition	Quantity 0.12 x	Unit Price 180.63 x
				Factor = 1.2101 =	Total 26.23
				For CU # 2	

Contractor's Price Proposal - Detail Continues..

Work Order Number: 117374.00

Work Order Title: Parma Heights Cassady Theater Condensers Replacement

Sect.	Item	Modifier	UOM	Description				Line Total
Labor	Equip.	Material	(Excluded if marked with an X)					
No Category Input								
73	26 05 26 00 0025		MLF	2 AWG Copper Insulated Single Stranded Conductor				\$505.91
				Installation	Quantity	Unit Price	Factor	Total
					0.12 x	3,170.83 x	1.2101 =	460.44
				Demolition	0.12 x	313.08 x	1.2101 =	45.46
				For CU # 3				
74	26 05 26 00 0027		MLF	1/0 AWG Copper Insulated Single Stranded Conductor				\$777.97
				Installation	Quantity	Unit Price	Factor	Total
					0.12 x	4,809.61 x	1.2101 =	698.41
				Demolition	0.12 x	547.90 x	1.2101 =	79.56
				For CU # 1				
75	26 05 33 13 2284		LF	3/4" Flexible Liquid Tight Metallic Conduit				\$494.69
				Installation	Quantity	Unit Price	Factor	Total
					80.00 x	4.10 x	1.2101 =	396.91
				Demolition	80.00 x	1.01 x	1.2101 =	97.78
				For high and low voltage electric				
76	26 05 33 13 2285		LF	1" Flexible Liquid Tight Metallic Conduit				\$143.03
				Installation	Quantity	Unit Price	Factor	Total
					20.00 x	4.90 x	1.2101 =	118.59
				Demolition	20.00 x	1.01 x	1.2101 =	24.44
				For high and low voltage electric				
77	26 05 33 13 2286		LF	1-1/4" Flexible Liquid Tight Metallic Conduit				\$185.39
				Installation	Quantity	Unit Price	Factor	Total
					20.00 x	6.39 x	1.2101 =	154.65
				Demolition	20.00 x	1.27 x	1.2101 =	30.74
				For high and low voltage electric				
78	26 05 33 13 2288		LF	2" Flexible Liquid Tight Metallic Conduit				\$313.90
				Installation	Quantity	Unit Price	Factor	Total
					20.00 x	10.94 x	1.2101 =	264.77
				Demolition	20.00 x	2.03 x	1.2101 =	49.13
				For high and low voltage electric				
79	26 05 33 13 2295		EA	3/4" Straight Liquid Tight Connector				\$292.84
				Installation	Quantity	Unit Price	Factor	Total
					20.00 x	9.82 x	1.2101 =	237.66
				Demolition	20.00 x	2.28 x	1.2101 =	55.18
				For high and low voltage electric				
80	26 05 33 13 2296		EA	1" Straight Liquid Tight Connector				\$98.14
				Installation	Quantity	Unit Price	Factor	Total
					5.00 x	13.69 x	1.2101 =	82.83
				Demolition	5.00 x	2.53 x	1.2101 =	15.31
				For high and low voltage electric				
81	26 05 33 13 2297		EA	1-1/4" Straight Liquid Tight Connector				\$126.27
				Installation	Quantity	Unit Price	Factor	Total
					5.00 x	18.09 x	1.2101 =	109.45
				Demolition	5.00 x	2.78 x	1.2101 =	16.82
				For high and low voltage electric				

Contractor's Price Proposal - Detail Continues..

Work Order Number: 117374.00
Work Order Title: Parma Heights Cassady Theater Condensers Replacement

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
No Category Input					
82	26 05 33 13 2299		EA	2" Straight Liquid Tight Connector	\$221.39
				Installation	
				Quantity	Unit Price
				5.00 x	33.04 x
					Factor =
					Total
					199.91
				Demolition	
				5.00 x	3.55 x
					Factor =
					Total
					21.48
				For high and low voltage electric	
83	26 05 83 00 0151		EA	10 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	\$187.35
				Installation	
				Quantity	Unit Price
				1.00 x	111.51 x
					Factor =
					Total
					134.94
				Demolition	
				1.00 x	43.31 x
					Factor =
					Total
					52.41
				For CU # 2	
84	26 05 83 00 0153		EA	20 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	\$241.33
				Installation	
				Quantity	Unit Price
				1.00 x	147.46 x
					Factor =
					Total
					178.44
				Demolition	
				1.00 x	51.97 x
					Factor =
					Total
					62.89
				For CU # 3	
85	26 05 83 00 0154		EA	25 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing	\$248.28
				Installation	
				Quantity	Unit Price
				1.00 x	153.20 x
					Factor =
					Total
					185.39
				Demolition	
				1.00 x	51.97 x
					Factor =
					Total
					62.89
				For CU # 1	
86	26 27 16 00 0169		EA	12" x 12" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	\$7,701.97
				Installation	
				Quantity	Unit Price
				6.00 x	991.49 x
					Factor =
					Total
					7,198.81
				Demolition	
				6.00 x	69.30 x
					Factor =
					Total
					503.16
				Junction boxes for high voltage electric	
87	26 28 13 00 0028		EA	50 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	\$125.79
				Installation	
				Quantity	Unit Price
				3.00 x	29.66 x
					Factor =
					Total
					107.67
				Demolition	
				3.00 x	4.99 x
					Factor =
					Total
					18.12
				For CU # 2	
88	26 28 13 00 0034		EA	100 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	\$219.78
				Installation	
				Quantity	Unit Price
				3.00 x	54.31 x
					Factor =
					Total
					197.16
				Demolition	
				3.00 x	6.23 x
					Factor =
					Total
					22.62
				For CU # 3	
89	26 28 13 00 0037		EA	150 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse	\$407.03
				Installation	
				Quantity	Unit Price
				3.00 x	105.26 x
					Factor =
					Total
					382.13
				Demolition	
				3.00 x	6.86 x
					Factor =
					Total
					24.90
				For CU # 1	

Contractor's Price Proposal - Detail Continues..

Work Order Number: 117374.00

Work Order Title: Parma Heights Cassady Theater Condensers Replacement

Sect.	Item	Modifier	UOM	Description	Line Total			
Labor	Equip.	Material	(Excluded if marked with an X)					
No Category Input								
90	26 28 16 16 0190		EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	\$1,378.84			
				Quantity	Unit Price	Factor	=	Total
			Installation	1.00	x 969.66	x	1.2101	= 1,173.39
			Demolition	1.00	x 169.78	x	1.2101	= 205.45
			For CU # 2					
91	26 28 16 16 0191		EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	\$1,774.88			
				Quantity	Unit Price	Factor	=	Total
			Installation	1.00	x 1,280.31	x	1.2101	= 1,549.30
			Demolition	1.00	x 186.41	x	1.2101	= 225.57
			For CU # 3					
92	26 28 16 16 0192		EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	\$2,536.70			
				Quantity	Unit Price	Factor	=	Total
			Installation	1.00	x 1,807.65	x	1.2101	= 2,187.44
			Demolition	1.00	x 288.62	x	1.2101	= 349.26
			For CU # 1					
Subtotal for No Category Input					\$171,501.52			
Proposal Total					\$171,501.52			

This total represents the correct total for the proposal. Any discrepancy between line totals, sub-totals and the proposal total is due to rounding.

The Percentage of NPP on this Proposal: **1.51%**



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company inc.

COMMERCIAL • RESIDENTIAL • HEATING • AIR CONDITIONING

June 26, 2023

To: Jonathan Schlesselman
The Gordian Group

Re: NPP Justification for Project number 117374.00 the Cassidy Theater located in Parma HTS., OH.

Jonathan:

Let this letter serve as Justification for the NPP items used on Project number 117374.00 the Cassidy Theater located in Parma HTS., OH.

NPP item number 23-00-00-000047 was used since the hail guards for the Carrier Air-Cooled Condensing units are not found in the Construction Task Catalog.

Additionally, we are only submitting one supplier quote because the hail guards are only sold by Carrier.

Contact us if you have questions or need further information.

Thank you,

Karl Frye
The K Company, Inc.

2234 South Arlington Road, Akron, OH 44319

PHONE: 330-773-5125 • FAX: 330-773-2962 • OFFICE HOURS: Monday - Friday, 7:30 a.m. - 5 p.m.



CARRIER-DSO-CLEVELAND
 9800 Rockside Rd Suite 1100
 Valley View, OH 44125
 (P) (216) 927-1000

Proposal

Project Name: Cassidy Theater - Parma HTS. OH. **Bid Date:** 06/03/2023
Location: Karl Frye – K Company **Expiration Date:** 07/03/2023
Attention: **Proposal Number:** MQUI1398

We at Carrier are pleased to quote the following equipment for the above referenced project in accordance with attached terms and conditions.

Mark For	Qty	Model Number	Description	Unit Sell	Total Sell
	3	CALVHLGD009A00	ACC LVD HAIL GD CAS/CHS240/241 Hail Guard	\$714.21	\$2,142.63

Pricing

Total Price for items as listed above (excluding taxes)\$2,142.63

Please note the following clarifications in this proposal:

- Note:
- 1st year parts only warranty (one (1) year from start-up or eighteen (18) months from date of shipment, whichever comes first) unless specified otherwise in this proposal.
- The following items are NOT included with the equipment identified above:
- Installation, rigging, carting.
- Equipment base/pad and anchor bolts.
- Any piping or accessories except as noted elsewhere in this proposal.
- Electrical work including power and control wiring except as noted elsewhere in this proposal.
- All instrumentation mounted in field piping.
- SPECIAL NOTES:
- Above price is firm and will remain in effect for 30 days.
- No taxes, permits, start-up, and or service are included in above proposal unless otherwise noted.
- Compliance to local codes neither guaranteed nor implied.
- All orders subject to credit acceptance by Carrier Management.
- Equipment is manufactured under strict Carrier Corporation manufacturing standards and in compliance with the National Electric Code.
- Carrier does not accept and will not be held liable for any flow down requirements from the owner or any higher tier contractor unless specifically agreed to in writing.
- Holiday or weekend work required on Carrier start-ups is not included in the above proposal unless otherwise noted.
- Any work or material furnished at Carrier's expense, must have written authorization and approval from Carrier prior to furnishing such service or materials. Immediately upon completion of such work, the approved price shall be invoiced for immediate processing of a credit memo and applied to your account. Deductions from our invoices or back charges for unauthorized work or materials will not be accepted.
- In the event this quotation is in support, either directly or indirectly, of a U.S. Government funded procurement (either partially or fully), please note that Carrier's quotation and any subsequent award shall be contingent upon the acceptance of Item
- U.S. Government Procurements as noted herein under CARRIER CORPORATION TERMS AND CONDITIONS OF SALE – EQUIPMENT AND/OR SERVICE.

We appreciate your consideration of this quotation and would like to thank you for your interest in Carrier products and services. Should you have any questions concerning the above quotation, please feel free to contact me personally.

MIKE QUINN
 CARRIER-DSO-CLEVELAND
 mike.quinn@carrier.com

