

**2L. Consideration of approving a contract with McDowall Company for the replacement of HVAC system and connection of boilers for the WWTP in the amount of \$83,054**

<b>Prepared by:</b> Public Works Director/City Engineer	<b>Meeting Date:</b> 6/12/2023	<input checked="" type="checkbox"/> <b>Consent Agenda Item</b> <input type="checkbox"/> <b>Regular Agenda Item</b>
<b>Reviewed by:</b> Facilities Maintenance Manager, Finance Director	<b>Approved by:</b> City Administrator	

**ACTION REQUESTED**

Motion to approve a contract with McDowall Company for the replacement of the HVAC system and reconnection of boilers at the wastewater treatment plant.

**REFERENCE AND BACKGROUND**

The office building HVAC/AC system at the wastewater treatment plant is well over 25 years old. It is beyond its useful life and is proposed to be replaced. All other wastewater treatment plant buildings and processes are heated from a central boiler that utilizes methane gas produced from treatment operations or utilizes purchased natural gas. This main boiler is approximately 26 years old, and parts are no longer readily available for repairs.

A project was completed in the late 2000s to produce Class A biosolids and several boilers were installed as part of that project. However, the equipment and process added for that project didn't meet the Class A requirement, and the equipment installed was taken offline. The boilers installed as part of that project were intended to provide redundancy to the main boiler for the facility. Staff proposes to bring these boilers back online to ensure reliability at the wastewater treatment plant and provide sufficient time to make repairs to the main boiler system when needed.

McDowall Company, who was awarded a Sourcewell indefinite delivery quantity (IDIQ) construction contract, was contacted for pricing on this project. Sourcewell, formerly National Joint Powers Alliance, is a local unit of government and public agency created by the Minnesota Legislature as a service cooperative in Minn. Stat. § 123A.21 (2018). Sourcewell was established with the statutory purpose of assisting members in meeting specific needs which are more efficiently delivered cooperatively than by an entity individually.

Pricing for the replacement of the heating and air conditioning units at the main office building was \$51,625.43, and the price for reconnecting the boilers is \$31,428.22.

- I. **Budget Impact:** The 2023 budget didn't include any costs for this specific project. However, issues experienced with the units last winter make this a top priority. The project will be funded from repairs and maintenance budget, and the \$75,000 budget for native grass can be delayed until 2024, if necessary.
- II. **Staff Workload Impact:** Facilities staff will be involved in this project.
- III. **Comprehensive Plan Impact:** N/A

**STAFF RECOMMENDED ACTION**

City staff recommends approving the contract with McDowall Company for this HVAC and boiler connection.

**SUPPORTING DATA**

- EZ IQ contract

**Work Order Signature Document**

**Sourcewell EZIQC Contract No.: MN-R5-R-040622-MDC**

**New Work Order**

**Modify an Existing Work Order**

Work Order Number: 116283.00

Work Order Date: 05/19/2023

Owner PO No:

Work Order Title: City of Monticello Wastewater Treatment Plant HVAC Upgrades 2023

Owner Name: SOURCEWELL - MINNESOTA - City of Mc Contractor Name: McDowall Company

Contact: Matt Leonard

Contact: Ryan Keating

Phone: 763-271-3271

Phone: 320-203-9336

**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 Sourcewell EZIQC Contract No MN-R5-R-040622-MDC.

Brief Work Order Description:

**Time of Performance**      *See Schedule Section of the Detailed Scope of Work*

**Duration**

**Liquidated Damages**      Will apply:

Will not apply:

**Work Order Firm Fixed Price: \$83,053.65**

Owner Purchase Order Number:

**Approvals**

\_\_\_\_\_  
Owner

\_\_\_\_\_  
Date

\_\_\_\_\_  
Contractor

\_\_\_\_\_  
Date

**Detailed Scope of Work**

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**To:** Ryan Keating  
McDowall Company

**From:** Matt Leonard  
SOURCEWELL - MINNESOTA - City of  
Monticello  
505 Walnut Street  
Monticello, MN 55362  
763-271-3271

No Data Input  
No Data Input,  
320-203-9336

**Date Printed:** May 19, 2023

**Work Order Number:** 116283.00

**Owner PO No:**

**Work Order Title:** City of Monticello Wastewater Treatment Plant HVAC Upgrades 2023

**Brief Scope:**

Preliminary

Revised

Final

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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.

**FURNACE WORK PROPOSED** The city of Monticello has asked McDowall for budget pricing to remove and replace the existing furnaces and air conditioning unit that serves the offices at the Waste Water Treatment Plant . Please see the following scope of work for more details. McDowall will provide the following: • Remove the (2) existing furnaces in the mechanical room • Provide and install (2) new furnaces in the same location as the existing • Provide all the required ductwork to ensure for proper air flow • Remove the existing condensing unit that is located outside the building • Provide and install a new condensing unit to be placed in the same location outside • Provide all the required refrigeration piping and piping insulation • Provide all the required electrical disconnect and reconnect • Provide all the required rigging • Provide start up Clarifications and Exclusions: • Work to be performed during normal business hours • Mechanical drawings are not included in this scope of work • "Premium Time" or Price Contingency is not included in this scope of work • Temporary HVAC, bonding, allowances, dust control, site restoration, testing and balancing or temperature controls are not included • Roofing, structural work or roof screening is not included • McDowall Comfort Management will not perform any work if working conditions could endanger or put at risk the safety of our employees or subcontractors • Asbestos or hazardous material abatement removal (if any) shall be performed by customer • No structural or architectural work is included as part of this scope of work • HVAC/Building code updates required by the City or State will be an ADD to this scope of work McDowall Comfort Management is not responsible for any pre-existing conditions to the existing mechanical systems • Please assume the cooling and heating to be non-operational for 5-6 days during installation We PROPOSE hereby to furnish material and labor - complete in accordance with the above specifications: BUDGET PRICING \$58,000.00. **BOILER WORK PROPOSED** The city of Monticello has asked McDowall Company for budget pricing to reconnect the boilers at the waste water treatment plant. Currently they have been turned off and the gas and water lines have been disconnected. Please see the following scope of work for more details. McDowall will provide the following: • Inspect all boilers including a hydrostatic test on each boiler • Provide all the required safety checks on each boiler • Connect gas to each boiler and provide all required piping • Connect water to each boiler and provide all required piping • Provide start up of each boiler • Leak check and verify operation of each system • Provide a water sample and add treatment as needed Clarifications and Exclusions: • Work to be performed during normal business hours • Mechanical drawings are not included in this scope of work • "Premium Time" or Price Contingency is not included in this scope of work • Temporary HVAC, bonding, allowances, dust control, site restoration, testing and balancing or temperature controls are not included • Roofing, structural work or roof screening is not included • McDowall Comfort Management will not perform any work if working conditions could endanger or put at risk the safety of our employees or subcontractors • Asbestos or hazardous material abatement removal (if any) shall be performed by customer • No structural or architectural work is included as part of this scope of work HVAC/Building code updates required by the City or State will be an ADD to this scope of work • McDowall Comfort Management is not responsible for any pre-existing conditions to the existing mechanical systems We PROPOSE hereby to furnish material

**Detailed Scope of Work Continues..**

**Work Order Number:** 116283.00

**Work Order Title:** City of Monticello Wastewater Treatment Plant HVAC Upgrades 2023

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and labor - complete in accordance with the above specifications: BUDGET PRICING \$27,000.00.

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Contractor

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Date

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Owner

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Date

## Contractor's Price Proposal - Summary

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**Date:** May 19, 2023

**Re:** IQC Master Contract #: MN-R5-R-040622-MDC  
Work Order #: 116283.00  
Owner PO #:  
Title: City of Monticello Wastewater Treatment Plant HVAC Upgrades 2023  
Contractor: McDowall Company  
Proposal Value: \$83,053.65

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<b>BOILER</b>	<b>\$31,428.22</b>
<b>FURNACE</b>	<b>\$51,625.43</b>
<b>Proposal Total</b>	<b>\$83,053.65</b>

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# Contractor's Price Proposal - Detail

Date: May 19, 2023

Re: IQC Master Contract #: MN-R5-R-040622-MDC  
 Work Order #: 116283.00  
 Owner PO #:  
 Title: City of Monticello Wastewater Treatment Plant HVAC Upgrades 2023  
 Contractor: McDowall Company  
 Proposal Value: \$83,053.65

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>BOILER</b>					
1	01 22 20 00 0057		HR	Project Manager	\$0.00
				Installation	
				Quantity	Unit Price
				0.00 x	151.80 x
					Factor =
					Total
					0.00
2	23 01 50 61 0003		EA	Set-up Charge For Boiler Fire Side MaintenanceIncludes removing/relocating doors, plates, portals, and burners required to access fireside.	\$7,130.66
				Installation	
				Quantity	Unit Price
				3.00 x	1,911.91 x
					Factor =
					Total
					7,130.66
3	23 01 50 61 0005		EA	Setup Charge For Boiler Water Side MaintenanceIncludes closing valves, draining, and positioning equipment needed for tube replacement.	\$9,507.57
				Installation	
				Quantity	Unit Price
				3.00 x	2,549.22 x
					Factor =
					Total
					9,507.57
4	23 01 50 61 0055		GAL	Corrosion Resistant Chemical Treatment, Based On Gallons Of Chemical Required	\$7,961.45
				Installation	
				Quantity	Unit Price
				50.00 x	128.08 x
					Factor =
					Total
					7,961.45
5	23 05 17 00 0011		EA	2-1/2" Steel Pipe Sleeve With Link Seals	\$1,756.14
				Installation	
				Quantity	Unit Price
				10.00 x	141.26 x
					Factor =
					Total
					1,756.14
6	23 05 29 00 0202		EA	1" Steel Pipe Clamp (Cooper B-Line B3140)	\$359.43
				Installation	
				Quantity	Unit Price
				16.00 x	18.07 x
					Factor =
					Total
					359.43
7	23 05 29 00 0652		LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	\$136.25
				Installation	
				Quantity	Unit Price
				40.00 x	2.74 x
					Factor =
					Total
					136.25
8	23 05 29 00 0676		EA	3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	\$28.84
				Installation	
				Quantity	Unit Price
				40.00 x	0.58 x
					Factor =
					Total
					28.84
9	23 21 13 23 0005		LF	1" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting AssemblyIncludes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	\$643.73
				Installation	
				Quantity	Unit Price
				30.00 x	17.26 x
					Factor =
					Total
					643.73
10	23 21 13 23 0006		LF	1-1/4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting AssemblyIncludes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	\$770.91
				Installation	
				Quantity	Unit Price
				30.00 x	20.67 x
					Factor =
					Total
					770.91
11	23 21 13 23 0017		LF	1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe	\$250.26
				Installation	
				Quantity	Unit Price
				30.00 x	6.71 x
					Factor =
					Total
					250.26

**Contractor's Price Proposal - Detail Continues..**

**Work Order Number:** 116283.00  
**Work Order Title:** City of Monticello Wastewater Treatment Plant HVAC Upgrades 2023

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>BOILER</b>					
12	23 21 13 23 0033	EA		1/2", 150 LB, Black Malleable Iron 90 Degree Elbow	\$877.95
		Installation	Quantity	Unit Price	Factor = Total
			30.00	23.54	1.2432 = 877.95
13	23 21 13 23 0036	EA		1-1/4", 150 LB, Black Malleable Iron 90 Degree Elbow	\$400.21
		Installation	Quantity	Unit Price	Factor = Total
			8.00	40.24	1.2432 = 400.21
14	23 21 13 23 0146	EA		1-1/4", 150 LB, Black Malleable Iron Union	\$725.03
		Installation	Quantity	Unit Price	Factor = Total
			8.00	72.90	1.2432 = 725.03
15	23 21 16 00 0029	EA		3/4" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer	\$879.79
		Installation	Quantity	Unit Price	Factor = Total
			8.00	88.46	1.2432 = 879.79
<b>Subtotal for BOILER</b>					<b>\$31,428.22</b>

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>FURNACE</b>					
16	01 22 23 00 0938	DAY		6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	\$1,234.41
		Installation	Quantity	Unit Price	Factor = Total
			1.00	992.93	1.2432 = 1,234.41
17	23 01 60 71 0003	LB		Recovery And Recharging Of RefrigerantIncludes cleaning refrigerant gas prior to recharging.	\$637.51
		Installation	Quantity	Unit Price	Factor = Total
			40.00	12.82	1.2432 = 637.51
18	23 05 29 00 0006	EA		1" Steel Clevis Hanger (Cooper B-Line B3100)	\$382.31
		Installation	Quantity	Unit Price	Factor = Total
			16.00	19.22	1.2432 = 382.31
19	23 05 29 00 1229	EA		36" x 36" Molded Plastic Pad	\$321.49
		Installation	Quantity	Unit Price	Factor = Total
			2.00	129.30	1.2432 = 321.49
20	23 05 53 00 0005	EA		1" Outside Diameter Snap-On Plastic Marker	\$105.70
		Installation	Quantity	Unit Price	Factor = Total
			6.00	14.17	1.2432 = 105.70
21	23 05 93 00 0003	EA		Balancing Heating And Ventilating Units	\$1,461.63
		Installation	Quantity	Unit Price	Factor = Total
			3.00	391.90	1.2432 = 1,461.63
22	23 07 19 00 0004	LF		3/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	\$2,938.92
		Installation	Quantity	Unit Price	Factor = Total
			200.00	11.82	1.2432 = 2,938.92
23	23 23 13 00 0003	EA		3/8" Refrigeration Ball Valve, Sweated	\$131.88
		Installation	Quantity	Unit Price	Factor = Total
			3.00	35.36	1.2432 = 131.88



**Contractor's Price Proposal - Detail Continues..**

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Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>FURNACE</b>					
24	23 23 13 00 0011		EA	1/2" Refrigeration Valve, Packless	\$196.51
				Installation	
				Quantity	Unit Price
				3.00 x	52.69 x
					Factor = Total
					1.2432 = 196.51
25	23 23 13 00 0013		EA	7/8" Refrigeration Valve, Packless	\$517.59
				Installation	
				Quantity	Unit Price
				3.00 x	138.78 x
					Factor = Total
					1.2432 = 517.59
26	23 23 16 00 0010		LF	7/8" Outside Diameter Soft Refrigeration Copper Tubing	\$222.04
				Installation	
				Quantity	Unit Price
				20.00 x	8.93 x
					Factor = Total
					1.2432 = 222.04
27	23 23 16 00 0019		LF	7/8" Outside Diameter Type L Drawn, ACR Copper Tubing	\$2,354.12
				Installation	
				Quantity	Unit Price
				180.00 x	10.52 x
					Factor = Total
					1.2432 = 2,354.12
28	23 23 16 00 0061		EA	3/8" ACR Wrought Copper Coupling	\$217.36
				Installation	
				Quantity	Unit Price
				12.00 x	14.57 x
					Factor = Total
					1.2432 = 217.36
29	23 23 16 00 0063		EA	5/8" ACR Wrought Copper Coupling	\$243.02
				Installation	
				Quantity	Unit Price
				12.00 x	16.29 x
					Factor = Total
					1.2432 = 243.02
30	23 23 16 00 0064		EA	3/4" ACR Wrought Copper Coupling	\$349.69
				Installation	
				Quantity	Unit Price
				12.00 x	23.44 x
					Factor = Total
					1.2432 = 349.69
31	23 23 16 00 0065		EA	7/8" ACR Wrought Copper Coupling	\$342.53
				Installation	
				Quantity	Unit Price
				12.00 x	22.96 x
					Factor = Total
					1.2432 = 342.53
32	23 23 16 00 0075		EA	3/8" ACR Wrought Copper Short Radius 90 Degree Elbow	\$378.53
				Installation	
				Quantity	Unit Price
				16.00 x	19.03 x
					Factor = Total
					1.2432 = 378.53
33	23 23 16 00 0089		EA	3/8" ACR Wrought Copper Long Radius 90 Degree Elbow	\$418.31
				Installation	
				Quantity	Unit Price
				16.00 x	21.03 x
					Factor = Total
					1.2432 = 418.31
34	23 23 16 00 0091		EA	5/8" ACR Wrought Copper Long Radius 90 Degree Elbow	\$470.82
				Installation	
				Quantity	Unit Price
				16.00 x	23.67 x
					Factor = Total
					1.2432 = 470.82
35	23 23 16 00 0092		EA	3/4" ACR Wrought Copper Long Radius 90 Degree Elbow	\$567.10
				Installation	
				Quantity	Unit Price
				16.00 x	28.51 x
					Factor = Total
					1.2432 = 567.10
36	23 23 16 00 0093		EA	7/8" ACR Wrought Copper Long Radius 90 Degree Elbow	\$625.38
				Installation	
				Quantity	Unit Price
				16.00 x	31.44 x
					Factor = Total
					1.2432 = 625.38
37	23 23 16 00 0093		EA	7/8" ACR Wrought Copper Long Radius 90 Degree Elbow	\$625.38
				Installation	
				Quantity	Unit Price
				16.00 x	31.44 x
					Factor = Total
					1.2432 = 625.38

**Contractor's Price Proposal - Detail Continues..**

**Work Order Number:** 116283.00  
**Work Order Title:** City of Monticello Wastewater Treatment Plant HVAC Upgrades 2023

Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>FURNACE</b>					
38	23 23 16 00 0103		EA	3/8" ACR Wrought Copper 45 Degree Elbow	\$469.43
				Installation	
				Quantity	Unit Price
				16.00	23.60
				x	x
				Factor	Total
				1.2432	469.43
				=	
39	23 23 16 00 0107		EA	7/8" ACR Wrought Copper 45 Degree Elbow	\$97.86
				Installation	
				Quantity	Unit Price
				3.00	26.24
				x	x
				Factor	Total
				1.2432	97.86
				=	
40	23 23 16 00 0107		EA	7/8" ACR Wrought Copper 45 Degree Elbow	\$195.73
				Installation	
				Quantity	Unit Price
				6.00	26.24
				x	x
				Factor	Total
				1.2432	195.73
				=	
41	23 23 16 00 0144		EA	7/8" ACR Wrought Copper P-Trap	\$257.32
				Installation	
				Quantity	Unit Price
				2.00	103.49
				x	x
				Factor	Total
				1.2432	257.32
				=	
42	23 23 16 00 0151		EA	3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator , Solder Connection	\$210.65
				Installation	
				Quantity	Unit Price
				3.00	56.48
				x	x
				Factor	Total
				1.2432	210.65
				=	
43	23 23 16 00 0173		EA	1/2" Outside Diameter, 2 To 7-1/2 Ton, Sealed In-Line Filter Drier, Solder Connections	\$469.74
				Installation	
				Quantity	Unit Price
				3.00	125.95
				x	x
				Factor	Total
				1.2432	469.74
				=	
44	23 23 23 00 0008		LB	R-410A Refrigerant	\$154.41
				Installation	
				Quantity	Unit Price
				10.00	12.42
				x	x
				Factor	Total
				1.2432	154.41
				=	
45	23 31 13 13 0004		LB	3" WG (Class B), Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork	\$4,255.47
				Installation	
				Quantity	Unit Price
				350.00	9.78
				x	x
				Factor	Total
				1.2432	4,255.47
				=	
46	23 31 13 13 0015		LF	Up To 1 SF Cross Section, Rework Existing Ductwork	\$213.63
				Installation	
				Quantity	Unit Price
				8.00	21.48
				x	x
				Factor	Total
				1.2432	213.63
				=	
47	23 31 13 13 0017		LF	>2 To 4 SF Cross Section, Rework Existing Ductwork	\$550.49
				Installation	
				Quantity	Unit Price
				8.00	55.35
				x	x
				Factor	Total
				1.2432	550.49
				=	
48	23 54 16 13 0014		EA	120 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas FurnaceBlower cooling capacity up to 5 tons.	\$7,606.22
				Installation	
				Quantity	Unit Price
				2.00	3,059.13
				x	x
				Factor	Total
				1.2432	7,606.22
				=	
49	23 54 19 00 0003		EA	Removal And Reinstallation Of Forced Air FurnaceIncludes storage and cleaning. Excludes ductwork.	\$831.80
				Installation	
				Quantity	Unit Price
				2.00	334.54
				x	x
				Factor	Total
				1.2432	831.80
				=	
50	23 63 13 00 0023		EA	5 Ton, 14 SEER, Air Cooled Condensing UnitPrecharged with refrigerant capable of charging the system with a 20' length of piping.	\$7,739.99
				Installation	
				Quantity	Unit Price
				2.00	3,112.93
				x	x
				Factor	Total
				1.2432	7,739.99
				=	

**Contractor's Price Proposal - Detail Continues..**

**Work Order Number:** 116283.00  
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Sect.	Item	Modifier	UOM	Description	Line Total
Labor	Equip.	Material	(Excluded if marked with an X)		
<b>FURNACE</b>					
51	23 63 13 00 0023	0510	MOD	For 16 SEER, Add	\$2,575.66
			Installation	Quantity      Unit Price      Factor      =      Total 2.00      x      1,035.90      x      1.2432      =      2,575.66 16 seer cond units	
52	23 63 13 00 0025		EA	Removal And Reinstallation Of Up To 5 Tons Air Cooled Condensing Unit	\$598.90
			Installation	Quantity      Unit Price      Factor      =      Total 2.00      x      240.87      x      1.2432      =      598.90	
53	23 81 26 13 0074		EA	5 Ton Vertical Cased A/C Evaporator Coil	\$3,059.34
			Installation	Quantity      Unit Price      Factor      =      Total 2.00      x      1,230.43      x      1.2432      =      3,059.34	
54	26 05 13 16 0048		MLF	#6 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	\$4,353.14
			Installation	Quantity      Unit Price      Factor      =      Total 1.00      x      3,501.56      x      1.2432      =      4,353.14	
55	26 05 29 00 0009		EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	\$832.45
			Installation	Quantity      Unit Price      Factor      =      Total 20.00      x      33.48      x      1.2432      =      832.45	
56	26 27 26 00 0343		EA	Removal And Reinstallation Of Receptacle, Switch, Outlet Or Special System Device	\$270.52
			Installation	Quantity      Unit Price      Factor      =      Total 4.00      x      54.40      x      1.2432      =      270.52	
57	26 28 13 00 0026		EA	40 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse	\$239.22
			Installation	Quantity      Unit Price      Factor      =      Total 6.00      x      32.07      x      1.2432      =      239.22	
58	26 28 16 16 0024		EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	\$1,901.23
			Installation	Quantity      Unit Price      Factor      =      Total 2.00      x      764.65      x      1.2432      =      1,901.23	

**Subtotal for FURNACE** **\$51,625.43**

**Proposal Total** **\$83,053.65**

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