



Job Order Contract

Contractor's Price Proposal Summary- Category

Work Order #: 099812.00

Title Albany County-60 Pearl Street Boiler Replacement

Contractor: JOC-2021-06-HVAC - John W. Danforth Company

Proposal Value: \$109,531.20

Proposal Name: Albany County-60 Pearl Street Boiler Replacement

To: Thomas Stover From: Ian O'Brien

Special Assistant to the Commissioner Energy Account Executive
Albany County John W. Danforth Company

112 State Street 5 Liebich Lane

Albany, NY 12207 Clifton Park, NY 12065

Boilers:	\$18,018.24
Breeching:	\$210.40
Burners:	\$5,053.59
Controls:	\$0.00
Electrical:	\$1,387.86
Equipment:	\$74,823.00
Gas Line:	\$1,032.70
HW Line:	\$5,613.65
Insulation:	\$296.89
Pumps:	\$3,094.87
Work Order Proposal Total	\$109.531.20

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





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Proposal Value: \$109,531.20

Proposal Name: Albany County-60 Pearl Street Boiler Replacement

	CSI Number	Mod.	UOM	Description						Line Total
Boile	ers									
1	01 22 20 00-0024		HR	PlumberFor tasks not directed by owner onl		d in the Constructi	ion Task (Catalog® and as		\$775.72
				Quantity		Unit Price		Factor	Total	
			Installation		Χ	\$80.05	X	1.2113 =	\$775.72	
		User Note:	break conn	ections and make safe	for boile	er removal and re	ınstall			
2	01 22 23 00-0754		DAY	6 Ton Lift, Truck Mour	nted Hyd	Iraulic Crane With	Full-Time	e Operator		\$1,129.53
			la stallation	Quantity		Unit Price		Factor	Total \$1,129.53	
			Installation		Х	\$932.49	X	1.2113 =	\$1,129.55	
		User Note:	one day for	in/out of boilers						
3	21 01 10 91-0005		LF	Refill Existing Lines V	Vith Wate	er				\$60.57
				Quantity		Unit Price		Factor	Total	
			Installation		Х	\$0.50	X	1.2113 =	\$60.57	
		User Note:	boiler syste	em						
4	22 11 16 00-0352		LF	1" Hard Drawn Type I	Coppe	Tube/Pipe				\$856.63
			'	Quantity		Unit Price		Factor	Total	
			Installation		X	\$6.49	X	1.2113 =	\$628.91	
		Lloor Noto	Demolition drain line, r	80.00	Х	\$2.35	Х	1.2113 =	\$227.72	
		User Note.	didiii iiiic, i	Cilci						
5	22 11 16 00-0661		EA	1" Crimped Copper C	oupling					\$254.66
			la stallation	Quantity		Unit Price		Factor	Total \$254.66	
			Installation	0.00	Х	\$26.28	X	1.2113 =	Ψ254.00	
		User Note:	for drain ar	id relief						
6	22 11 16 00-0735		EA	1", Cut And Prepare E	Existing I	n Place Copper P	ipe			\$47.53
			la atallatian	Quantity		Unit Price		Factor	Total	
			Installation		Х	\$9.81	X	1.2113 =	\$47.53	
		User Note:	drain and r	elief						
7	23 01 20 91-0003		EA	>1" To 3", Lock Out/Ta	ag Out V	/alve				\$586.51
				Quantity		Unit Price		Factor	Total	
			Installation		Х	\$24.21	x	1.2113 =	\$586.51	
		User Note:	5x per boile	er, lock and unlock						
			•							





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	CSI Number	Mod.	UOM	Description								Line Total
Boile	ers											
8	23 01 20 91-0031		EA	Up To 100', >1-	1/2" T	To 4" Dian	neter Pipe, Purge	Liquid S	ystem			\$856.63
				Qua	-		Unit Price		Factor		Total	
			Installation	2	2.00	x	\$353.60	X	1.2113	=	\$856.63	
		User Note:	one time fo	r each boiler								
9	23 05 19 00-0005		EA	3-1/2" Diameter	Dial,	Bi-Metal	, 4" To 9" Stem, S	Steel Cas	e, Brass Stem,			\$739.38
				Thermometer								
	Excludes Material		Installation	Qua	-		Unit Price		Factor	_	Total \$488.98	
	Material		Installation		3.00	Х	\$50.46	Х	1.2113		·	
			Demolition		3.00	Х	\$25.84	Х	1.2113	=	\$250.40	
		User Note:	remove and	d reinstall								
10	23 05 19 00-0026		EA	4" Diameter Dia	ıl, Ste	el Case,	0 To 60 PSI Or 0	To 100 P	PSI, Pressure Ga	uge		\$293.43
	Excludes			Qua	ntity		Unit Price		Factor		Total	
	Material		Installation	8	3.00	x	\$20.19	х	1.2113 ⁻	=	\$195.65	
			Demolition	8	3.00	x	\$10.09	Х	1.2113 :	=	\$97.78	
		User Note:	remove and	d reinstall								
11	23 05 23 00-0088		EA	2" Screwed, 15	0 LB,	Full Port,	, Carbon Steel Ba	ıll Valve				\$1,483.89
				Qua	ntity		Unit Price		Factor		Total	
			Installation	8	3.00	х	\$153.13	х	1.2113	=	\$1,483.89	
		User Note:	isolation va	alves								
12	23 05 23 00-0377		EA	2" Check Valve	. Sing	le Disc T	ype, Iron Body W	afer Type	e, 125 LB			\$586.71
	Excludes			Qua	 ntitv		Unit Price		Factor		Total	******
	Material		Installation		2.00	х	\$134.56	х	1.2113	=	\$325.99	
			Demolition	:	2.00	X	\$107.62	X	1.2113		\$260.72	
		User Note:	reuse exist	ing								
13	23 21 13 23-1167		EA	2" Nipple, 2" Lo	ng, S	crewed C	Carbon Steel					\$353.51
				Qua	ntitv		Unit Price		Factor		Total	******
			Installation		3.00	x	\$18.24	х	1.2113	=	\$353.51	
		User Note:	isolation va	alves		,		^				
14	23 21 16 00-0079		EA	2" x 1-1/2" Scre	wed i	Ends 17	5 LB, Cast Iron Bo	ndy Suct	tion Diffuser			\$405.64
				Qua			Unit Price	,,	Factor		Total	ψ-100.04
	Excludes Material		Installation		4.00	х	\$51.91	х	1.2113	=	\$251.51	
			Demolition		4.00	X	\$31.81	×	1.2113		\$154.13	
		Hear Note:	remove and			^		^				
		Jaci Hole.	. 5									





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Title Albany County-60 Pearl Street Boiler Replacement

	CSI Number	Mod.	UOM	Description	Line Total
Boile	ers				
15	23 21 16 00-0223		EA	1-1/2" x 1-1/2" Threaded, Bronze Body, Temperature And Pressure Relief	\$739.93
				Valve Quantity Unit Price Factor Total	
			Installation	******	
			Demolition	$2.00 \times 39.55 \times 1.2113 = 95.81	
		User Note:	relief valve		
16	23 52 39 16-0002		EA	508.8 To 822 MBH Steel Vertical Firetube Packaged Oil Or Gas Fired Boiler	\$8,847.97
				(Triad 900-SH-HEP)Includes JR30A-CSD-1 natural gas burner, PL75	* -,- · · · · · ·
				circulator, Hydrostat 3250 control center, 751p low water cut off, I4006E	
				manual reset high limit aquastat, T/P gauge, pressure relief valve, five	
				cleanout openings and pre piped & wired gas trains.	
	Excludes			Quantity Unit Price Factor Total	
	Material		Installation	1.2110	
			Demolition	$2.00 \chi \qquad \qquad \$1,217.42 \chi \qquad \qquad 1.2113 = \qquad \qquad \$2,949.32$	
		User Note:	boiler remo	ove and install. see NPP task for new boilers.	
Subto	otal for Boilers:			\$	18,018.24
Bree	ching				
17	23 51 16 00-0080		EA	14" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	\$210.40
	Excludes			Quantity Unit Price Factor Total	
	Material		Installation	1.2110	
			Demolition	$2.00 \chi \qquad \qquad $24.84 \chi \qquad \qquad 1.2113 = \qquad 60.18	
		User Note:	breeching,	connect to existing	
Subto	otal for Breeching:	<u> </u>			\$210.40
Burn	iers				
18	23 01 50 61-0048		EA	700 MBH Max Input Burner With 2" Boiler Connection, Screwed	\$5,053.59
	Excludes			Quantity Unit Price Factor Total	
	Material		Installation	1.2110	
			Demolition	$2.00 \chi \qquad \qquad \$792.18 \chi \qquad \qquad 1.2113 = \qquad \qquad \$1,919.14$	
		User Note:	burner rem	oval and install. burner is shipped loose	
Subto	otal for Burners:				\$5,053.59
Cont	rols				
19	23 09 23 00-0003		HR	EMCS Site Inspection Of Existing Facilities	\$0.00
			Inotallatic -	Quantity Unit Price Factor Total 0.00	
			Installation	7.0000 X	
		User Note:	owner to co	ontract all control work	
Subt	otal for Controls:				\$0.00
					70.00





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Title Albany County-60 Pearl Street Boiler Replacement

CSI Number	Mod.	UOM	Description						Line Tota
rical									
26 01 20 91-0002		EA	Lock Out/Tag Out Loc	al Disco	onnect				\$188.38
			Quantity		Unit Price		Factor	Total	•
		Installation	8.00	Х	\$19.44	X	1.2113 =	\$188.38	
	User Note:	boiler and p	umps and burners						
26 01 20 91-0006		EA		nd Othe	r Single Source D	evices, Ex	xisting Circuit Tracing		\$156.7
			Quantity		Unit Price		Factor	Total	
		Installation	8.00	х	\$16.18	x	1.2113 =	\$156.79	
	User Note:	boilers and	oumps and burners						
26 05 83 00-0135		EA				quipment,	Connection,		\$1,042.69
			Quantity		Unit Price		Factor	Total	
		Installation	8.00	х	\$78.49	x	1.2113 =	\$760.60	
		Demolition	8.00	Х	\$29.11	X	1.2113 =	\$282.09	
	User Note:	boilers, pur	ps and burners						
tal for Electrical:								\$	1,387.8
ment									
10 00 00 00-0000		00000 BT	GPS-900-SH-C-LT-F	IEP				\$	74,823.00
	NPP Tasks		Quantity		Unit Price		Factor	Total	
		Installation	1.00	Х	\$74,823.00	x	1.0000 =	\$74,823.00	
	User Note:	Boiler X2, w	ith burner and gas tra	n					
tal for Equipment	:							\$7	4,823.00
ine.									
23 21 13 23-0037		EA	1-1/2", 150 LB, Black	Malleab	ole Iron 90 Degree	Elbow			\$308.15
			Quantity		Unit Price		Factor	Total	
		Installation	4.00	х	\$42.50	x	1.2113 =	\$205.92	
		Demolition	4.00	х	\$21.10	х	1.2113 =	\$102.23	
	User Note:	gas line, ne	w fittings						
23 21 13 23-0156		EA	1-1/2", 250 LB, Black	Malleat	ole Iron Union				\$292.94
			Quantity		Unit Price		Factor	Total	
				Х		X			
		Demolition	2.00	Х	\$31.94	х	1.2113 =	\$77.38	
	rical 26 01 20 91-0002 26 01 20 91-0006 26 05 83 00-0135 stal for Electrical: 10 00 00 00-0000 stal for Equipment 23 21 13 23-0037	rical 26 01 20 91-0002 User Note: 26 01 20 91-0006 User Note: 26 05 83 00-0135 User Note: otal for Electrical: oment 10 00 00 00-0000 NPP Tasks User Note: otal for Equipment: ine 23 21 13 23-0037 User Note:	rical 26 01 20 91-0002 BA Installation boiler and property of the property of	Pack Lock Out/Tag Out Lock Quantity	Pack Lock Out/Tag Out Local Discording Local	EA	Page Page	Find Part Part	Part Part





Line Total

Contractor's Price Proposal Detail- Category Continued..

Mod.

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CSI Number

Title Albany County-60 Pearl Street Boiler Replacement

UOM Description

Gas										
26	23 21 13 23-0365		EA 1-1/		ad Existir	ng In Place Black	Steel Pipe			\$160.28
			Installation	Quantity 4.00	.,	Unit Price \$33.08	.,	Factor 1.2113 =	Total \$160.28	
		Haan Nata.	gas line prep	4.00	Х	φ33.06	Х	1.2113	********	
		user note:	gas inte prep							
27	23 21 13 23-1050		LF 1-1/	2" ASTM A106 C	arbon St	eel Pipe, Schedul	e 40			\$271.33
				Quantity		Unit Price		Factor	Total	
			Installation	16.00	Χ	\$9.69	X	1.2113 =	\$187.80	
		User Note:	Demolition gas line, new, ne	16.00 w burner is differ	x ent conn	\$4.31 nection	Х	1.2113 =	\$83.53	
Subt	otal for Gas Line:								;	\$1,032.70
HW I	Line									
28	23 21 13 23-0038		EA 2", 1	50 LB, Black Ma	lleable Ir	on 90 Degree Elb	ow			\$649.06
	Excludes			Quantity		Unit Price		Factor	Total	
	Material		Installation	8.00	x	\$40.16	X	1.2113 =	\$389.17	
			Demolition HW line Reuse	8.00	Х	\$26.82	X	1.2113 =	\$259.90	
		User Note:	Hvv line Reuse							
29	23 21 13 23-0098		EA 2", 1	50 LB, Black Ma	lleable Ir	on Reducing Tee				\$960.32
	Excludes			Quantity		Unit Price		Factor	Total	
	Material		Installation	8.00	x	\$59.43	X	1.2113 =	\$575.90	
			Demolition	8.00	Х	\$39.67	X	1.2113 =	\$384.42	
		User Note:	nvv piping							
30	23 21 13 23-0111		EA 2", 1	50 LB, Black Ma	lleable Ir	on Coupling				\$324.53
	Excludes			Quantity		Unit Price		Factor	Total	
	Material		Installation	4.00	Х	\$40.16	Х	1.2113 =	\$194.58	
			Demolition	4.00	Х	\$26.82	X	1.2113 =	\$129.95	
		User Note:	HW line, reuse							
31	23 21 13 23-0123		EA 2", 1	50 LB, Black Ma	lleable Ir	on Reducing Cou	pling			\$973.59
	Excludes			Quantity		Unit Price		Factor	Total	
	Material		Installation	12.00	x	\$40.16	X	1.2113 =	\$583.75	
			Demolition	12.00	Х	\$26.82	Х	1.2113 =	\$389.84	
		User Note:	HW piping, reuse	9						
32	23 21 13 23-0148		EA 2", 1	50 LB, Black Ma	lleable Ir	on Union				\$446.63
				Quantity		Unit Price		Factor	Total	
			Installation	4.00	Х	\$92.18	X	1.2113 =	\$446.63	
		User Note:	HW line reuse, n	ew						





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	CSI Number	Mod.	UOM	Description						Line Tota
HW	Line									
33	23 21 13 23-0344		EA	2", 125 LB, Black C	ast Iron Fl	ange				\$955.96
	Excludes			Quantity		Unit Price		Factor	Total	
	Material		Installation	8.00	х	\$59.20	х	1.2113 =	\$573.67	
			Demolition	8.00	х	\$39.45	X	1.2113 =	\$382.29	
		User Note:	HW piping,	reuse						
34	23 21 13 23-0366		EA	2", Cut And Thread	Existing Ir	Place Black Stee	el Pipe			\$672.71
				Quantity		Unit Price	•	Factor	Total	****
			Installation	16.00	х	\$34.71	x	1.2113 =	\$672.71	
		User Note:	x2 per line,	HW piping						
35	23 21 13 23-1051		LF	2" ASTM A106 Carl	oon Steel I	Pine Schedule 40	1			\$630.85
00				Quantity	John Ottoch i	Unit Price	<u>'</u>	Factor	Total	ψ030.00
	Excludes Material		Installation	40.00	x	\$7.82	x	1.2113 =	\$378.89	
			Demolition	40.00		\$5.20	X X	1.2113	\$251.95	
		User Note:	HW piping,		^	•	^		,	
Subt	otal for HW Line:								•	55,613.6
Insu	lation									
36	22 07 19 00-0019		LF	2" Diameter Pipe, 1	" Thick, Fi	berglass Insulation	n With All	Service Jacket (ASJ)		\$296.89
	Excludes			Quantity						
				Quantity		Unit Price		Factor	Total	
	Material		Installation	30.00	x	\$5.99	x	1.2113 =	\$217.67	
	Material		Demolition	30.00 30.00			x x			
	Material	User Note:		30.00 30.00		\$5.99		1.2113 =	\$217.67	
Subt	Material Otal for Insulation:	User Note:	Demolition	30.00 30.00		\$5.99		1.2113 =	\$217.67	\$296.89
	otal for Insulation:	User Note:	Demolition	30.00 30.00		\$5.99		1.2113 =	\$217.67	\$296.88
Subt Pum	otal for Insulation:	User Note:	Demolition	30.00 30.00	X	\$5.99 \$2.18		1.2113 =	\$217.67 \$79.22	\$296.8 \$
Pum	otal for Insulation:	User Note:	Demolition remove and	30.00 30.00 I reinstall	X	\$5.99 \$2.18		1.2113 =	\$217.67 \$79.22	,
Pum	otal for Insulation: ups 23 21 23 13-0013	User Note:	Demolition remove and	30.00 30.00 I reinstall	X	\$5.99 \$2.18 ing Pump 3/4 HP		1.2113 = 1.2113 =	\$217.67 \$79.22	,
Pum	otal for Insulation: ups 23 21 23 13-0013 Excludes	User Note:	Demolition remove and	30.00 30.00 I reinstall Centrifugal, Cast Irc Quantity	x on Circulat	\$5.99 \$2.18 ing Pump 3/4 HP Unit Price	x	1.2113 = 1.2113 = Factor	\$217.67 \$79.22	,

Subtotal for Pumps: \$3,094.87

Work Order Proposal Total \$109,531.20

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

The Percent of NPP on this Proposal: 68.31%