Braconier Plumbing & Heating Co., Inc.

Recap with Total Cost

Project Name: Bennett Ranch ELM School Phase 2

Bid ID: 5918

Report Time: 6/25/2021 12:41 PM

Profile Name: Standard

Labor Book: Braconier MCA

Scoped By: Base Bid; System: HHWR PROPRESS, HHWS PROPRESS;

AutoBid Version: 2019 v2

There were 46 calculation messages.

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Bid ID: 5918 Report Time: 6/25/21 12:41 PM

Data Calculated: 6/25/2021 12:20:00 PM

Base Bid; System: HHWR PROPRESS, HHWS PROPRESS;

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Carbon Steel - Plain En	nd Black Sch 40 - ButtWld	
Material Multiplier: P100	0 - Steel Pipe - 0.35	

<u>Item</u> <u>Size</u>	<u>Quantity</u>	<u>Price</u>	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
A53 ERW							
2-1/2	188	22.84	1,505.00	0.22	42	0	1,505
3	32	29.90	331.39	0.27	8	0	331
4	98	42.56	1,462.53	0.33	32	0	1,463
6	24	74.83	633.81	0.43	10	0	634

Carbon Steel - Plain End Black Sch 40 - ButtWld Totals:

342	3,933	93	0	3,933

Copper - PressFit - PrssFit

Material Multiplier: P2000 - Copper Tube - CER - 0.45

<u>Item</u> <u>Size</u>	Quantity	<u>Price</u>	Mat. Cost	<u>Unit Lab Hr</u>	<u>Total Hrs</u>	Labor Cost	Total Cost
Tube							
1/2	12	5.40	29.03	0.06	1	0	29
3/4	1,755	8.80	6,949.58	0.06	106	0	6,950
1	310	12.76	1,782.70	0.06	19	0	1,783
1-1/4	473	17.27	3,678.67	0.06	28	0	3,679
1-1/2	411	22.23	4,108.70	0.07	29	0	4,109
2	418	35.24	6,634.11	0.08	34	0	6,634
2	79	35.24	1,260.18	0.09	8	0	1,260
2	2	35.24	31.72	0.10	0	0	32

Copper - PressFit - PrssFit Totals:

	3,461	24,475	224	0	24,475
Pipe Totals:	3,804	28,407	317	0	28,407

Fittings

Carbon Steel - Butt Weld, Std Wt - ButtWld

Material Multiplier: F1000 - Carbon Steel Buttweld Fittings - WEL - 0.47

Size	Quantity	<u>Price</u>	Mat. Cost	<u>Unit Lab Hr</u>	<u>Total Hrs</u>	Labor Cost	Total Cost
g Elbow LR							
-1/2	2	31.66	29.76	3.69	7	0	30
-1/2	6	31.66	89.28	3.76	23	0	89
	13	63.68	389.08	4.84	63	0	389
	2	63.68	59.86	4.89	10	0	60
er-Concentric							
-1/2x2	2	50.15	47.14	3.31	7	0	47
x2-1/2	2	41.44	38.95	3.59	7	0	39
ix2	1	336.69	158.24	4.09	4	0	158
	2	135.84	127.69	7.22	14	0	128
	g Elbow LR 2-1/2 1-1/2 er-Concentric 1-1/2x2 x2-1/2 ix2	Elbow LR 2-1/2 2 3-1/2 6 13 2 2-1/2x2 2 x2-1/2 2 x2 - 1	Elbow LR 2-1/2 2 31.66 3-1/2 6 31.66 13 63.68 2 63.68 2 63.68 2 50.15 2 x2-1/2 2 41.44 3 x2 1 336.69	Elbow LR 2-1/2 2 31.66 29.76 3-1/2 6 31.66 89.28 13 63.68 389.08 2 63.68 59.86 er-Concentric 1-1/2x2 2 50.15 47.14 2x2-1/2 2 41.44 38.95 2x2 1 336.69 158.24	Elbow LR 2-1/2 2 31.66 29.76 3.69 3-1/2 6 31.66 89.28 3.76 13 63.68 389.08 4.84 2 63.68 59.86 4.89 er-Concentric 1-1/2x2 2 50.15 47.14 3.31 x2-1/2 2 41.44 38.95 3.59 x2 1 336.69 158.24 4.09	Elbow LR 2-1/2 2 31.66 29.76 3.69 7 1-1/2 6 31.66 89.28 3.76 23 13 63.68 389.08 4.84 63 2 63.68 59.86 4.89 10 er-Concentric 1-1/2x2 2 50.15 47.14 3.31 7 1x2-1/2 2 41.44 38.95 3.59 7 1x2 1 336.69 158.24 4.09 4	Elbow LR 2-1/2 2 31.66 29.76 3.69 7 0 1-1/2 6 31.66 89.28 3.76 23 0 13 63.68 389.08 4.84 63 0 2 63.68 59.86 4.89 10 0 er-Concentric 1-1/2x2 2 50.15 47.14 3.31 7 0 1x2-1/2 2 41.44 38.95 3.59 7 0 1x2 1 336.69 158.24 4.09 4 0

There were 46 calculation messages.

3/4

160

7.47

657.36

0.11

18

657

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tings							
Carbon Steel - Butt	Weld, Std Wt - Bı	uttWld					
Carbon Steel - Butt W	eld, Std Wt - ButtW	Vld Totals:					
	30		940		135	0	940
Copper - Pressure -	95/5						
Material Multiplier: U	J D000 - Dielectric U	nions - EPC	C - 0.75				
Item Size	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
FIPxCU Die Union							
3/4	3	22.00	49.50	0.77	2	0	5(
3/4	2	22.00	33.00	0.78	2	0	33
Copper - Pressure - 95	5/5 Totals:						
	5		83		4	0	83
Copper - Propress -							
• • • • • • • • • • • • • • • • • • • •		0.55					
Material Multiplier: F <u>Item Size</u>	² 2300 - Copper Prof <u>Quantity</u>	ress - 0.55 <u>Price</u>	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
90 Deg Elbow	Quantity	rrice	Mat. Cost	Unit Lab Hi	Total III's	Labor Cost	10tal Cost
1/2	5	4.38	12.05	0.12	1	0	12
3/4	267	6.10	895.79	0.12	43	0	896
1			43.43	0.17			43
1-1/4	6 20	13.16 28.40	312.40	0.17	1 4	0	312
1-1/4	27	50.16	744.88	0.24	7	0	745
2	6	67.35	222.26	0.28	2	0	222
2	14	67.35	518.60	0.29	4	0	519
2	4	67.35	148.17	0.23	1	0	148
Coupling	т	07.55	140.17	0.55	1	O .	140
Coupling 1/2	14	3.95	30.42	0.12	2	0	30
3/4	352	5.98	1,157.73	0.16	56	0	1,158
1	26	12.00	171.60	0.17	4	0	1,136
1-1/4	33	15.46	280.60	0.20	7	0	281
1-1/2	68	28.22	1,055.43	0.24	16	0	1,055
1-1/2	4	28.22	62.08	0.25	1	0	62
2	12	35.99	237.53	0.27	3	0	238
2	16	35.99	316.71	0.28	4	0	317
2	4	35.99	79.18	0.32	1	0	79
2	1	35.99	19.79	0.34	0	0	20
Female Adapter							
1/2	1	4.99	2.74	0.32	0	0	3
3/4	16	8.11	71.37	0.44	7	0	71
1	2	14.94	16.43	0.53	1	0	16
1-1/4	1	33.69	18.53	0.61	1	0	19
2	2	83.12	91.43	0.82	2	0	91
Male Adapter							
1/2	1	4.14	2.28	0.09	0	0	2

There were 46 calculation messages.

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Base Bid; System: HHWR PROPRESS, HHWS PROPRESS;

Fittings

Material Multiplier: F2300	- Copper Prol	Press - 0.55					
Item Size	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
Male Adapter	•						
1	2	13.69	15.06	0.11	0	0	15
1-1/4	14	29.96	230.69	0.13	2	0	231
1-1/2	23	42.01	531.43	0.15	3	0	531
2	13	80.89	578.36	0.17	2	0	578
Reducer							
3/4x1/2	10	18.10	99.55	0.14	1	0	100
1x3/4	1	21.16	11.64	0.16	0	0	12
1-1/4x3/4	3	31.85	52.55	0.18	1	0	53
1-1/4x1	4	31.85	70.07	0.19	1	0	70
1-1/2x3/4	2	46.88	51.57	0.22	0	0	52
1-1/2x1-1/4	2	46.88	51.57	0.22	0	0	52
2x1-1/2	6	52.78	174.17	0.24	1	0	174
Tee							
1/2	2	6.68	7.35	0.16	0	0	7
3/4	57	11.71	367.11	0.22	13	0	367
1-1/2	2	33.83	37.21	0.34	1	0	37
2	2	70.41	77.45	0.40	1	0	77
Tee Reducing							
1x3/4x3/4	5	34.50	94.88	0.21	1	0	95
1x1x3/4	16	24.41	214.81	0.22	4	0	215
1-1/4x1-1/4x3/4	13	33.83	241.88	0.25	3	0	242
1-1/2x1-1/2x3/4	34	62.55	1,169.69	0.29	10	0	1,170
1-1/2x1-1/2x1-1/4	2	69.70	76.67	0.32	1	0	77
2x2x1/2	2	24.41	26.85	0.32	1	0	27
2x2x1-1/4	4	107.21	235.86	0.35	1	0	236
2x2x1-1/2	2	80.60	88.66	0.37	1	0	89
2-1/2x2-1/2x2	2	350.40	385.44	0.44	1	0	385
Union							
3/4	72	34.54	1,367.78	0.41	30	0	1,368
1-1/4	4	78.77	173.29	0.56	2	0	173
1-1/2	16	106.97	941.34	0.64	10	0	941
2	4	174.64	384.21	0.76	3	0	384
Copper - Propress - PP Tota	als:						
	1,381		14,926		281	0	14,920
ings Totals:	1,416		15,948		420	0	15,948

There were 46 calculation messages.

1-1/4

1-1/2

2

1

4

1

265.00

320.00

406.00

92.75

448.00

142.10

0.73

0.79

0.93

1

3

1

0

0

93

448

142

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anges							
Carbon Steel - Raised	Face, 150 Weld	lbend - Fla	nged				
Material Multiplier: L10	00 - WLD - CS 1	Flanges - W	LD - 0.47				
Item Size	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Co
Slip-on							
4	3	39.22	55.30	3.42	10	0	
4	1	39.22	18.43	3.45	3	0	
Weldneck Sch 40							
4	14	50.72	333.74	3.59	50	0	
Carbon Steel - Raised Fa	ce, 150 Weldber	ıd - Flanged	Totals:				
	18		407		64	0	
inges Totals:	18		407		64	0	4
8							
1							
alves							
Bronze - Flanged Circ	uit Setter - Fla	nged					
Material Multiplier: V0N	KO - Brass Gat	e, Globe, Ch	eck Valves - ().35			
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total C
300# Flgd B&Goss							
4	1	2,945.00	1,030.75	3.23	3	0	1,
Bronze - Flanged Circuit	Setter - Flange	d Totals:					
	1		1,031		3	0	1,
Bronze - Soldered Ball	WOG - 95/5	<u> </u>					
Material Multiplier: V0F	PAO - APP - Bro	nze Rall Val	ves - APP - 0	55			
Item Size	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total C
150# Apol 77-200	<u>Vullitity</u>	11100	Matt Cost	One Edo III	10441115	<u>Lubor Cost</u>	<u>rour c</u>
1/2	10	33.38	183.59	0.41	4	0	
3/4	43	57.94	1,370.28	0.55	24	0	1.
1	2	80.78	88.86	0.66	1	0	-
1-1/4	5	110.82	304.76	0.73	4	0	
1-1/2	4	142.92	314.42	0.79	3	0	
1-1/2	2	142.92	157.21	0.81	2	0	
2	3	258.53	426.57	0.93	3	0	
Bronze - Soldered Ball W	OG - 95/5 Total						
	69		2,846		40	0	2,
Duanza Saldanad Cina			2,040			<u> </u>	
Bronze - Soldered Circ	iuit Setter - 95/	3					
Material Multiplier: V0N	KO - Brass Gat	e, Globe, Ch	eck Valves - ().35			
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total C
200# Solder B&Goss							

There were 46 calculation messages.

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lves							
Bronze - Soldered Circ	cuit Setter - 95/	5					
Material Multiplier: V0N	NK0 - Brass Gate	, Globe, Ch	eck Valves - ().35			
Item Size	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cos
200# Solder B&Goss							
Bronze - Soldered Circui	t Setter - 95/5 To	tals:					
	6		683		5	0	68
Bronze - Threaded 2-V	Vay Control - T	hread					
Material Multiplier: XN	ET - Net Materia	l Price - 1.0	00				
Item Size	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Co
150# Supplied by TC							
3/4	36	0.00	0.00	1.46	53	0	
1-1/4	1	0.00	0.00	1.88	2	0	
1-1/2	4	0.00	0.00	2.00	8	0	
2	1	0.00	0.00	2.30	2	0	
Bronze - Threaded 2-Wa	y Control - Thre		0.00	2.30	_	v	
	42		0		65	0	
Bronze - Threaded Y-		 ad				0	
			NATIT OF	-0			
Material Multiplier: V08 Item Size	OAU - MUL - Bro Ouantity				Total IIwa	Labor Cost	Total Co.
<u>Item</u> <u>Size</u> 150# Muel 351M	Quantity	<u>Price</u>	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Co
1-1/4	1	135.00	(7.50	1.47	1	0	
1-1/4	1 4	182.00	67.50 364.00	1.47 1.62	1	0	2
2	1	242.00			6 2	0	30
Bronze - Threaded Y-Str	•		121.00	2.16	2	U	12
	6		553		10	0	55
Cast Iron - Flanged Y-		<u>——</u>			10		
3		C	MIII	0.50			
Material Multiplier: V08					Total Una	Labor Cost	Total Ca
Item Size	Quantity	rrice	<u>mat. Cost</u>	<u>Unit Lab Hr</u>	10tal HFS	Labor Cost	Total Co
125# Muel 758	1	504.00	207.00	2.20	2	0	24
4 Cast Iron - Flanged Y-St	l rainer - Flanged	594.00 Totals:	297.00	3.38	3	0	29
Cust II on Flangen I-St			207				24
	<u>1</u>		297		3	0	29
Iron Body - Flanged 2-	-Way Control -	Flanged					
Material Multiplier: XN				** ** * **	m . 1		m :
Item Size	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cos
2-Way Control Valve							
4	1	0.00	0.00	5.63	6	0	

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Iron Body - Flanged 2	-Way Control -	Flanged					
Iron Body - Flanged 2-W	Vay Control - Flai	nged Totals	•				
			0		6	0	0
Iron Body - Flanged S	ilent Chk.WOG	- Flanged					
Material Multiplier: V0				Vlvs - NIR - 0	50		
Item Size	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cost
125# Nib F-910B							
4	2	1,166.00	1,166.00	2.72	5	0	1,166
Iron Body - Flanged Sile	ent Chk.WOG - Fl	langed Tota	als:				
	2		1,166		5	0	1,166
Iron Body - Lug Butte	erfly, Lever Ope	rated - Fla	inged				
Material Multiplier: XN	ET - Net Materia	l Price - 1.0)0				
Item Size	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cost
200# Keystone 222							
4	2	137.90	275.80	2.03	4	0	276
Iron Body - Lug Butterfl	ly, Lever Operate	d - Flanged	Totals:				
	2		276		4	0	276
			270			U	270
/alves Totals:	130		6,851		142	0	6,851
Valves Totals:				_	· · · · · · · · · · · · · · · · · · ·		
				_	· · · · · · · · · · · · · · · · · · ·		
				_	· · · · · · · · · · · · · · · · · · ·		
Hanger Components - Clevis -	130	gers - 0.25	6,851		· · · · · · · · · · · · · · · · · · ·		
Hanger Components - Clevis - Material Multiplier: H00	130 001D - Clevis Han	_	6,851	Unit Lab Hr	142	0	6,851
Ianger Components - Clevis - Material Multiplier: H00 Item Size	130	ngers - 0.25 Price	6,851	Unit Lab Hr	· · · · · · · · · · · · · · · · · · ·		6,851
Ianger Components - Clevis - Material Multiplier: H00	130 001D - Clevis Han	_	6,851	Unit Lab Hr 0.00	142	0	6,851
Ianger Components - Clevis - Material Multiplier: H00 Item Size Fig 260 Clevis	130 001D - Clevis Han	<u>Price</u>	6,851 Mat. Cost		Total Hrs	0 Labor Cost	Total Cost
Ianger Components - Clevis - Material Multiplier: H00 Item Size Fig 260 Clevis	001D - Clevis Han Quantity	Price 19.02	6,851 Mat. Cost 57.06	0.00	Total Hrs	Labor Cost 0	Total Cost
Ianger Components - Clevis - Material Multiplier: H00 Item Size Fig 260 Clevis 5 6	001D - Clevis Han Quantity	Price 19.02 25.44	6,851 Mat. Cost 57.06 76.32	0.00 0.00	Total Hrs 0 0	Labor Cost 0 0	57 76 138
Ianger Components - Clevis - Material Multiplier: H00 Item Size Fig 260 Clevis 5 6 8 10	130 001D - Clevis Han Ouantity 12 12 12 14	Price 19.02 25.44 39.42	6,851 Mat. Cost 57.06 76.32 137.97	0.00 0.00 0.00	142 Total Hrs 0 0 0	Labor Cost 0 0 0	57 76 138
Ianger Components - Clevis - Material Multiplier: H00 Item Size Fig 260 Clevis 5 6 8	130 001D - Clevis Han Ouantity 12 12 12 14	Price 19.02 25.44 39.42	6,851 Mat. Cost 57.06 76.32 137.97	0.00 0.00 0.00	142 Total Hrs 0 0 0	Labor Cost 0 0 0	Total Cost 57 76 138 56
Ianger Components - Clevis - Material Multiplier: H00 Item Size Fig 260 Clevis 6 8 10 Fig 260 Clevis Gal	130 001D - Clevis Han Quantity 12 12 14 3	Price 19.02 25.44 39.42 74.26	6,851 Mat. Cost 57.06 76.32 137.97 55.70	0.00 0.00 0.00 0.00	142 Total Hrs 0 0 0 0 0	0 0 0 0 0	57 76 138 56
Ianger Components - Clevis - Material Multiplier: H00 Item Size Fig 260 Clevis 6 8 10 Fig 260 Clevis Gal 2-1/2	130 001D - Clevis Ham Ouantity 12 12 14 3 16	Price 19.02 25.44 39.42 74.26	6,851 Mat. Cost 57.06 76.32 137.97 55.70 49.76	0.00 0.00 0.00 0.00	142 Total Hrs 0 0 0 0 0	0 Labor Cost 0 0 0 0 0	57 76 138 56 50 896
Hanger Components - Clevis - Material Multiplier: H00 Item Size Fig 260 Clevis	130 001D - Clevis Han Ouantity 12 12 14 3 16 246	Price 19.02 25.44 39.42 74.26 12.44 14.57	6,851 Mat. Cost 57.06 76.32 137.97 55.70 49.76 896.06	0.00 0.00 0.00 0.00 0.00	142 Total Hrs 0 0 0 0 0 0	0 Labor Cost 0 0 0 0	
Hanger Components - Clevis - Material Multiplier: H00 Item Size Fig 260 Clevis 6 8 10 Fig 260 Clevis Gal 2-1/2 3 3-1/2	130 001D - Clevis Han Quantity 12 12 14 3 16 246 61	Price 19.02 25.44 39.42 74.26 12.44 14.57 15.87	6,851 Mat. Cost 57.06 76.32 137.97 55.70 49.76 896.06 242.02	0.00 0.00 0.00 0.00 0.00 0.00	142 Total Hrs 0 0 0 0 0 0 0 0	0 0 0 0 0 0	57 76 138 56 50 896 242

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nger Components							
- Saddles & Shields	-						
Material Multiplier: H	I0001 - Hanger Mat	terials - GR	N - 0.25				
Item Size	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Co
Fig 167 Insl Shield							
2-1/2	16	17.66	70.64	0.23	4	0	
3	246	19.79	1,217.09	0.23	57	0	1,2
3-1/2	61	21.29	324.67	0.23	14	0	3
4	61	22.75	346.94	0.23	14	0	3-
5	12	24.35	73.05	0.23	3	0	
6	12	29.31	87.93	0.23	3	0	
8	14	34.11	119.39	0.23	3	0	1
10	3	59.14	44.36	0.23	1	0	•
Material Multiplier: X	NET - Net Materia	l Price - 1.0	00				
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Co
CalSil 180 1" CT*							
3/4	88	3.87	340.74	0.00	0	0	3
1	7	4.02	28.12	0.00	0	0	
1-1/4	2	4.05	8.11	0.00	0	0	
1-1/2	23	4.32	99.35	0.00	0	0	9
2	31	5.02	155.67	0.00	0	0	1
CalSil 180 1.5" IP*							
2-1/2	10	6.85	68.52	0.00	0	0	
3	2	7.00	13.99	0.00	0	0	
4	10	8.06	80.64	0.00	0	0	
- Saddles & Shields -	Totals:						
	598		3,079		98	0	3,0
Church Attack Com			2,0.5				
- Struct Attach-Con	ıc -						
Material Multiplier: H	I0001 - Hanger Mat	terials - GR	N - 0.25				
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Co
Fig.281 Insert							
3/8	384	23.16	2,223.36	0.00	0	0	2,2
1/2	38	24.59	233.61	0.00	0	0	2
5/8	3	29.42	22.07	0.00	0	0	
- Struct Attach-Conc	- Totals:						
	425		2,479		0	0	2,4
			-,	<u> </u>		<u> </u>	<u> </u>

Material Multiplier: I	10003 - Hanger Mate	erials - C&	P - 0.35				
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cost
Allthread - Galv							
3/8	2,073	1.03	744.90	0.00	0	0	745
1/2	144	1.72	86.86	0.00	0	0	87
5/8	6	2.56	5.38	0.00	0	0	5

There were 46 calculation messages.

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ata Calculated: 6/25/2021 12:20 ase Bid; System: HHWR PROP		ROPRESS:					
anger Components	RESS, IIII W S I I	KOI KESS,					
Galvanized - Rods -							
Galvanized - Rods - Totals	:						
	2,223		837		0	0	8
C							
anger Components Totals:	3,671		8,181		98	0	8,1
_							
abor							
Hangers							
Item Size	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Co
Clevis Hanger(HgrItem Prec	•	0.00	0.00	1.15	10	0	
2-1/2	16 20	0.00	0.00 0.00	1.15	18	0	
3				1.12	22	0	
3	226	0.00	0.00	1.15	261	0	
3-1/2 3-1/2	17 44	0.00 0.00	0.00 0.00	1.12 1.15	19 51	0	
4	17	0.00	0.00	1.13	24	0	
4	37	0.00	0.00	1.46	54	0	
4	7	0.00	0.00	1.76	12	0	
5	12	0.00	0.00	1.46	17	0	
6	12	0.00	0.00	1.52	18	0	
8	10	0.00	0.00	1.69	17	0	
8	4	0.00	0.00	1.74	7	0	
10	3	0.00	0.00	1.69	5	0	
Hangers Totals:	J	0.00	0.00	1107	v	v	
	425		0		526	0	
Joints							
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Co
95/5 Solder(Joints CU 95/5)							
1/2	20	0.00	0.00	0.00	0	0	
3/4	85	0.00	0.00	0.00	0	0	
1	6	0.00	0.00	0.00	0	0	
1 1/4	12	0.00	0.00	0.00	0	0	

<u>Item Size</u>	Quantity	<u>Price</u>	Mat. Cost	<u>Unit Lab Hr</u>	<u>Total Hrs</u>	<u>Labor Cost</u>	Total Cost
95/5 Solder(Joints CU 95/5)							
1/2	20	0.00	0.00	0.00	0	0	0
3/4	85	0.00	0.00	0.00	0	0	0
1	6	0.00	0.00	0.00	0	0	0
1-1/4	12	0.00	0.00	0.00	0	0	0
1-1/2	16	0.00	0.00	0.00	0	0	0
2	9	0.00	0.00	0.00	0	0	0
Std Wt(Joints CS BW)							
3/4	5	0.00	0.00	0.00	0	0	0
2-1/2	25	0.00	0.00	0.00	0	0	0
3	2	0.00	0.00	0.00	0	0	0
4	52	0.00	0.00	0.00	0	0	0
6	2	0.00	0.00	0.00	0	0	0

There were 46 calculation messages.

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bor							
Joints							
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	<u>Total Hrs</u>	Labor Cost	Total Co
Threaded(Joints CU CuThrd)							
1/2	1	0.00	0.00	0.00	0	0	
3/4	160	0.00	0.00	0.00	0	0	
1	2	0.00	0.00	0.00	0	0	
1-1/4	14	0.00	0.00	0.00	0	0	
1-1/2	23	0.00	0.00	0.00	0	0	
2	13	0.00	0.00	0.00	0	0	
XH(Joints CS BW)							
4	2	0.00	0.00	0.00	0	0	
Joints Totals:							
	449		0		0	0	
bor Totals:	874		0		526	0	
			Ů		020	Ů	
- B&G Sets -	- Net Material	l Price - 1 (
Material Multiplier: XNET				Unit Lab Hr	Total Hrs	Labor Cost	Total (
Material Multiplier: XNET	- Net Material	l Price - 1.0	00 Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total C
Material Multiplier: XNET	Quantity	Price	Mat. Cost				Total C
Material Multiplier: XNET - Item Size B & G Set 150#				Unit Lab Hr 0.00	Total Hrs 0	Labor Cost 0	<u>Total C</u>
Material Multiplier: XNET Item Size B & G Set 150# 4 B & G Set 300#	Quantity 12	Price 5.75	Mat. Cost 69.00	0.00	0	0	<u>Total C</u>
Material Multiplier: XNET Item Size B & G Set 150# 4 B & G Set 300# 4	Quantity	Price	Mat. Cost				Total C
Material Multiplier: XNET Item Size B & G Set 150# 4 B & G Set 300#	Quantity 12 2	Price 5.75	69.00 22.00	0.00	0	0	Total C
Material Multiplier: XNET Item Size B & G Set 150# 4 B & G Set 300# 4 - B&G Sets - Totals:	Quantity 12 2 14	Price 5.75	Mat. Cost 69.00	0.00	0	0	Total C
Material Multiplier: XNET Item Size B & G Set 150# 4 B & G Set 300# 4	Quantity 12 2 14	Price 5.75	69.00 22.00	0.00	0	0	Total C
Material Multiplier: XNET Item Size B & G Set 150# 4 B & G Set 300# 4 - B&G Sets - Totals:	Quantity 12 2 14 Cloth - Net Material	5.75 11.00	69.00 22.00 91	0.00	0 0	0	
Material Multiplier: XNET Item Size B & G Set 150# 4 B & G Set 300# 4 - B&G Sets - Totals: - Copper Joints Emory C Material Multiplier: XNET Item Size	Quantity 12 2 14 Cloth -	5.75 11.00	69.00 22.00	0.00	0 0	0	
Material Multiplier: XNET - Item Size B & G Set 150# 4 B & G Set 300# - B&G Sets - Totals: - Copper Joints Emory C Material Multiplier: XNET - Item Size Emory Cloth	Quantity 12 2 14 Cloth - Net Material	5.75 11.00 1 Price - 1.0 Price	91 00 Mat. Cost Mat. Cost	0.00 0.00 Unit Lab Hr	0 0	0 0 0	
Material Multiplier: XNET Item Size B & G Set 150# 4 B & G Set 300# - B&G Sets - Totals: - Copper Joints Emory C Material Multiplier: XNET Item Size Emory Cloth Emory Cloth	Quantity 12 2 14 Cloth - Net Material Quantity	5.75 11.00	69.00 22.00 91	0.00	0 0	0 0 0	
Material Multiplier: XNET - Item Size B & G Set 150# 4 B & G Set 300# - B&G Sets - Totals: - Copper Joints Emory C Material Multiplier: XNET - Item Size Emory Cloth	Quantity 12 2 14 Cloth - Net Material Quantity	5.75 11.00 1 Price - 1.0 Price	91 00 Mat. Cost Mat. Cost	0.00 0.00 Unit Lab Hr	0 0 Total Hrs	0 0 Labor Cost	
Material Multiplier: XNET Item Size B & G Set 150# 4 B & G Set 300# - B&G Sets - Totals: - Copper Joints Emory C Material Multiplier: XNET Item Size Emory Cloth Emory Cloth	Quantity 12 2 14 Cloth - Net Material Quantity	5.75 11.00 1 Price - 1.0 Price	91 00 Mat. Cost Mat. Cost	0.00 0.00 Unit Lab Hr	0 0 Total Hrs	0 0 Labor Cost	
Material Multiplier: XNET Item Size B & G Set 150# 4 B & G Set 300# - B&G Sets - Totals: - Copper Joints Emory C Material Multiplier: XNET Item Size Emory Cloth Emory Cloth	Quantity 12 2 14 Cloth Net Material Quantity 1 th - Totals:	5.75 11.00 1 Price - 1.0 Price	91 00 Mat. Cost 0.26	0.00 0.00 Unit Lab Hr	0 0 Total Hrs	0 0 0 Labor Cost 0	
Material Multiplier: XNET - Item Size B & G Set 150# 4 B & G Set 300# - B&G Sets - Totals: - Copper Joints Emory C Material Multiplier: XNET - Item Size Emory Cloth Emory Cloth - Copper Joints Emory Clot - Copper Joints Flux -	Quantity 12 2 14 Cloth - Net Material Quantity 1 ch - Totals: 1	Price 5.75 11.00 Price - 1.0 Price 0.20	Mat. Cost 69.00 22.00 91 00 Mat. Cost 0.26	0.00 0.00 Unit Lab Hr	0 0 Total Hrs	0 0 0 Labor Cost 0	
Material Multiplier: XNET - Item Size B & G Set 150# 4 B & G Set 300# - B&G Sets - Totals: - Copper Joints Emory C Material Multiplier: XNET - Item Size Emory Cloth Emory Cloth - Copper Joints Emory Clot - Copper Joints Flux - Material Multiplier: XNET -	Quantity 12 2 14 Cloth Net Material Quantity th - Totals: 1 Net Material	Price 5.75 11.00 Price - 1.0 Price 0.20 Price - 1.0	Mat. Cost 69.00 22.00 91 00 Mat. Cost 0.26	0.00 0.00 Unit Lab Hr 0.00	0 0 Total Hrs 0	0 0 0 Labor Cost 0	Total C
Material Multiplier: XNET - Item Size B & G Set 150# 4 B & G Set 300# - B&G Sets - Totals: - Copper Joints Emory C Material Multiplier: XNET - Item Size Emory Cloth Emory Cloth - Copper Joints Emory Clot - Copper Joints Flux - Material Multiplier: XNET - Material Multiplier: XNET - Item Size	Quantity 12 2 14 Cloth - Net Material Quantity 1 ch - Totals: 1	Price 5.75 11.00 Price - 1.0 Price 0.20	Mat. Cost 69.00 22.00 91 00 Mat. Cost 0.26	0.00 0.00 Unit Lab Hr	0 0 Total Hrs	0 0 0 Labor Cost 0	Total C
Material Multiplier: XNET - Item Size B & G Set 150# 4 B & G Set 300# - B&G Sets - Totals: - Copper Joints Emory C Material Multiplier: XNET - Item Size Emory Cloth Emory Cloth - Copper Joints Emory Clot - Copper Joints Flux - Material Multiplier: XNET -	Quantity 12 2 14 Cloth Net Material Quantity th - Totals: 1 Net Material	Price 5.75 11.00 Price - 1.0 Price 0.20 Price - 1.0	Mat. Cost 69.00 22.00 91 00 Mat. Cost 0.26	0.00 0.00 Unit Lab Hr 0.00	0 0 Total Hrs 0	0 0 0 Labor Cost 0	Tota

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There were 46 calculation messages.

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sc. Consumables							
- Copper Joints Flux -							
- Copper Joints Flux - T							
- Copper Joints Plux - 1							
	2		9		0	0	
- Copper Joints Solder	r -						
Material Multiplier: XNF	ET - Net Materia	l Price - 1.0	00				
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cos
Solder							
95/5	2	4.75	8.84	0.00	0	0	
- Copper Joints Solder -	Totals:						
	2		9		0	0	
- CS Joints CS Thread	led Joint -						
		ID: 14	20				
Material Multiplier: XNF <mark>Item Size</mark>	ET - Net Materia Quantity	l Price - 1.0 <u>Price</u>	JU <u>Mat. Cost</u>	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Co
CS Threaded Joint	Quantity	rrice	Mat. Cost	Unit Lab III	10tal IIIS	<u>Labor Cost</u>	<u>10tal Co</u>
Cutting Oil	0	7.50	0.04	0.00	0	0	
Joint Compound	0	9.25	0.04	0.00	0	0	
- CS Joints CS Threaded	ŭ	9.23	0.03	0.00	U	O	
- CS Joints CS 1 nreaded	Joint - Totals:						
	0		0		0	0	
- CS Joints Joint Tape	<u> </u>						
Material Multiplier: XNF	ET - Net Materia	l Price - 1.0	00				
<u>Item Size</u>	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Co
Joint Tape							
Joint Tape - Teflon	52	2.35	123.24	0.00	0	0	13
- CS Joints Joint Tape -	Totals:						
•		-	122				1/
	52		123			0	12
- Gases -							
Material Multiplier: XNF	ET - Net Materia	l Price - 1.0	00				
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Co
Gases							
Propane	90	0.25	22.54	0.00	0	0	
- Gases - Totals:							
	90		23		0	0	
- Weld Inches - CS -					<u> </u>	<u> </u>	
Material Multiplier: XNF							
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Co
CS Diameter Inches							
CS Diameter Inches 2-1/2 3	63 6	0.00 0.00	0.00 0.00	0.00 0.00	0	0	

There were 46 calculation messages.

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sc. Consumables							
- Weld Inches - CS -							
Material Multiplier: XNE	T - Net Materia	l Price - 1.0	00				
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Co
CS Diameter Inches							
4	216	0.00	0.00	0.00	0	0	
6	12	0.00	0.00	0.00	0	0	
- Weld Inches - CS - Tota	als:						
	297		0		0	0	
- Weld Joints - CS -							
Material Multiplier: XNE	T - Net Materia	l Price - 1.0	00				
Item Size	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total C
CS Weld Joints							
2-1/2	25	0.00	0.03	0.00	0	0	
3	2	0.00	0.00	0.00	0	0	
4	54	0.00	0.05	0.00	0	0	
6	2	0.00	0.00	0.00	0	0	
- Weld Joints - CS - Total	ls:						
	83		0		0	0	
- Welding Weld Rod -							
Material Multiplier: XNE	T - Net Materia	l Price - 1.0	00				
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total C
Weld Rod							
CS Rod, 3/32	32	1.38	43.78	0.00	0	0	
CS Rod, 5/32	1	1.35	1.59	0.00	0	0	
- Welding Weld Rod - To	otals:						
	33		45		0	0	
sc. Consumables Totals:	574		301		0	0	į

M

material manipiles . 1100	oo mangei ma	criais ca	1 0.00				
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cost
Nuts - Galvanized							
3/8	1,152	0.45	181.44	0.00	0	0	181
1/2	114	0.97	38.70	0.00	0	0	39
5/8	9	1.57	4.95	0.00	0	0	5
Washers- Galvanized							
3/8	1,152	0.84	338.69	0.00	0	0	339
1/2	114	1.49	59.45	0.00	0	0	59
5/8	9	2.83	8.91	0.00	0	0	9

There were 46 calculation messages.

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lisc. Steel Items							
- Bolts, Nuts & Washers	S -						
Material Multiplier: H00	03 - Hanger Mat	erials - C&	P - 0.35				
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cos
Washers- Galvanized							
- Bolts, Nuts & Washers -	Totals:						
	2,550		632		0	0	63
isc. Steel Items Totals:	2,550		632		0	0	63
ipe Cut							
Carbon Steel - Pipe Cu	ıt with Cutters	- Cutters					
-							
Material Multiplier: XNI							
Item Size	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Co
PIPE CUT	12	0.15	1.00	0.00	0	0	
2-1/2	12 2	0.15	1.80	0.00	0	0	
3 4	28	0.15 0.15	0.30 4.20	0.00 0.00	0	0	
6	28 1	0.13	0.20	0.00	0	0	
Carbon Steel - Pipe Cut v	•			0.00	U	Ü	
· ·	43		7		0	0	
Copper - Pipe Cut with	n Cutters - Cutt	ers					
Material Multiplier: XNI	ET - Net Materia	l Price - 1.0	00				
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Co
Pipe Cut							
1/2	16	0.09	1.44	0.00	0	0	
3/4	293	0.21	61.53	0.00	0	0	(
1	28	0.26	7.28	0.00	0	0	
1-1/4	36	0.29	10.44	0.00	0	0	
1-1/2	69	0.32	22.08	0.00	0	0	
2	39	0.45	17.55	0.00	0	0	
	Cutters - Cutters	Totals:					
Copper - Pipe Cut with C							
Copper - Pipe Cut with C	481		120		0	0	12

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Plug Item

- Plug Item -

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Material Multiplier: - Plu	ug Item Net - 1.0)0					
<u>Item</u> <u>Size</u> Pressure Gauge	Quantity	<u>Price</u>	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
Tressure Gauge	1	40.00	40.00	0.50	1	0	40
Therm							
	14	50.00	700.00	0.50	7	0	700
- Plug Item - Totals:							
	15		740		8	0	740
lug Itom Totalsı	15						
lug Item Totals:			740		8	0	740
leeves							
Carbon Steel - Sleeve -	Floor - InstPar	1					
Material Multiplier: SLE	EVE - Sleeve - N	et Material	Price - 1.00				
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cos
Pipe Sleeve							
1-1/4	1	9.07	9.07	1.50	2	0	
1-1/2	1	10.77	10.77	1.50	2	0	1
1-1/2	1	10.77	10.77	1.51	2	0	1
1-1/2	1	10.77	10.77	1.53	2	0	1
2	1	10.45	10.45	1.53	2	0	1
2	1	10.45	10.45	1.77	2	0	1
2-1/2	1	14.83	14.83	1.50	2	0	1
6	2	48.60	97.20	1.50	3	0	9
6	1	48.60	48.60	1.51	2	0	4
6	2	48.60	97.20	1.53	3	0	9
6	1	48.60	48.60	1.77	2	0	4
8	1	80.41	80.41	1.50	2	0	8
Carbon Steel - Sleeve - Fl	oor - InstPan To	tals:					
	14		449		22	0	44
leeves Totals:	14		449		22	0	44
		<u> </u>	Material Cost		Total Hrs	<u>Labor Cost</u>	Total Cos
Grand Totals			\$62,043		1,596	\$0	\$62,0 4

^{*} Items flagged with an asterisk may have their price and labor overwritten in Excel's Rapid Reports