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**Project:**

**Location:**

**CLEINT**

**ARCHITECT**

**Name:**

**E-Mail:**

**Location:**

**SCOPE OF WORK**

**ADDENDA**

**Addendum Issued :**

**None**

**SPECIAL NOTES**

**BIDDER NAME:** \_\_\_\_\_

S#	DWG #	DETAIL #	CSI NO	DESCRIPTION	QTY.	UNIT	MAT. COST	LAB. COST	EQUIP. COST	TOTAL COST
			010000	<b>DIVISION 01 - GENERAL REQUIREMENTS</b>						
1				MOBILIZATION	1	LS				
2				BOND & INSURANCE (See Spec. Sec. G01740)	1	LS				
3				PROJECT SUPERVISION & PROJECT MANAGEMENT	1	LS				
4				SUBMITTALS, SAMPLES, SHOP DRAWINGS, SITE SAFETY PLAN, ETC. (See Spec. Sec. S01300)	1	LS				
5				TEMPORARY FACILITIES & CONTROLS (See Spec. Sec. S01500)	1	LS				
6				PROJECT SCHEDULE (Primavera P3 or P6) See Spec. Sec. S01312	1	LS				
7				OFFICE OVERHEADS	1	LS				
8				CLOSEOUT PROCEDURES (See Spec. Sec. G01700)	1	LS				
9				PERMITS (DOT, DOB & After hour permits ETC.)	1	LS				
10		See cover and invitation to bid Pg. 10		(1) SECURITY GUARD (FOR 16 HOURS/DAY FOR 343 WEEKDAYS AND 24 HOURS/DAY FOR 137 WEEKENDS) EXCLUDED 150 DAYS FOR SUBMITTALS, APPROVAL AND PERMITS. <b>Performance Period 630 days</b> <b>Normal school hours 7:00AM to 4:40PM</b>		HRS				
11				CUSTODIAL PERMIT (FOR 8 HOURS/PER DAY FOR 343 WEEKDAYS) EXCLUDED 150 DAYS FOR SUBMITTALS, APPROVAL AND PERMITS. AFTER 150 DAYS HOLIDAYS AND OVERTIMES ARE EXCLUDED. <b>Performance Period 630 days</b>		HRS				
12				SCAFFOLDING.		SF				
13				SIDEWALK BRIDGE.		LF				
				<b>Subtotal</b>						
			220000	<b>DIVISION 22 - HEATING, VENTILATION AND AIR CONDITIONING</b>						
				<b>DEMOLITION WORK</b>						
				DEMOLITION						
14				Demoish Existing MOP Basin And Faucet	1	EA				\$ -
15				Demolish Disconnect And Remove Booster Pump And Control Panel	1	EA				\$ -
16				Demolish Existig Water Heaters, Recirculating Pump And Mixed Water Piping	1	EA				\$ -
17				Demolish Existing Bath Tub / Shower Wall Set, Faucet And HCW Supply Lines	27	EA				\$ -
18				Demolish Existing Drop In Sink, Faucet And HCW Supply Lines	27	EA				\$ -
19				Demolish Existing Hot Water Storage Tanks And Associated Piping	1	EA				\$ -
20				Demolish Existing Kitchen Sink, Faucet And HCW Supply Lines	27	EA				\$ -
21				Demolish Existing Urinal And Flush Valve And Wall Carrier	1	EA				\$ -
22				Demolish Existing Wall Hung Sink, Faucet, Carrier And HCW Supply Lines	8	EA				\$ -
23				Demolish Existing Washing Supply Box W/ Exposed Drain Piping	6	EA				\$ -
24				Demolish Existing Water Closet And CW Supply Line	33	EA				\$ -
25				Demolish Existing Water Fountain	1	EA				\$ -
26				Demolish Kitchen Water Heater And Recirculating Pump, And Associated Piping	1	EA				\$ -
				<b>NEW WORK</b>						
				<b>COLD WATER PIPE</b>						
				ASTM B88 (ASTM B88M), Type K (A), Drawn (H), ASME B16.18, cast copper alloy or ASME B16.22, wrought copper and bronze.						
27				1/2" Dia Cold Water Pipe	801	FT				\$ -
28				3/4" Dia Cold Water Pipe	61	FT				\$ -
29				1" Dia Cold Water Pipe	24	FT				\$ -
				<b>COLD WATER PIPE INSULATION</b>						
				1/2" Thick Fiberglass Pipe Insulation ASTM C547 and ASTM C795; rigid molded, noncombustible, 'K' Value: ASTM C177, 0.24 at 75 degrees F. Knauf Insulation						
30				1/2" Dia Cold Water Pipe	801	FT				\$ -
31				3/4" Dia Cold Water Pipe	61	FT				\$ -
32				1" Dia Cold Water Pipe	24	FT				\$ -
				<b>COLD WATER PIPE FITTING</b>						
				<b>ELBOW</b>						
33				1/2" Dia Cold Water Pipe 90 Deg Elbow	139	EA				\$ -
34				3/4" Dia Cold Water Pipe 90 Deg Elbow	3	EA				\$ -
35				1" Dia Cold Water Pipe 90 Deg Elbow	1	EA				\$ -
				<b>TEE</b>						
36				1/2" Dia Cold Water Pipe Tee	3	EA				\$ -

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37				3/4" / 1/2" Dia Cold Water Pipe Tee	4	EA				\$ -
38				1" / 3/4" Dia Cold Water Pipe Tee	3	EA				\$ -
				<b>HOT WATER PIPE</b>						
				ASTM B88 (ASTM B88M), Type K (A), Drawn (H), ASME B16.18, cast copper alloy or ASME B16.22, wrought copper and bronze.						
39				1/2" Dia Hot Water Pipe	589	FT				\$ -
40				3/4" Dia Hot Water Pipe	56	FT				\$ -
41				1" Dia Hot Water Pipe	23	FT				\$ -
				<b>HOT WATER PIPE INSULATION</b>						
				1/2" Thick Fiberglass Pipe Insulation ASTM C-77, Type I, 95% rigid molded, noncombustible, K Value: ASTM C177, 0.24 at 75 degrees F. Knauf Insulation						
42				1/2" Dia Hot Water Pipe	589	FT				\$ -
43				3/4" Dia Hot Water Pipe	56	FT				\$ -
44				1" Dia Hot Water Pipe	23	FT				\$ -
				<b>HOT WATER PIPE FITTING</b>						
				<b>ELBOW</b>						
45				1/2" Dia Hot Water Pipe 90 Deg Elbow	105	EA				\$ -
46				3/4" Dia Hot Water Pipe 90 Deg Elbow	2	EA				\$ -
47				1" Dia Hot Water Pipe 90 Deg Elbow	1	EA				\$ -
				<b>TEE</b>						
48				1/2" Dia Hot Water Pipe Tee	3	EA				\$ -
49				3/4" / 1/2" Dia Hot Water Pipe Tee	4	EA				\$ -
50				1" / 3/4" Dia Hot Water Pipe Tee	3	EA				\$ -
				<b>CONDENSATE DRAIN</b>						
				PVC Pipe ASTM D2729.						
51				1/2" Dia Condensate Drain Pipe	234	FT				\$ -
52				1-1/2" Dia Condensate Drain Pipe	846	FT				\$ -
				<b>CONDENSATE DRAIN INSULATION</b>						
				1/2" Thick Flexible Elastomeric Cellular Pipe Insulation complying with ASTM C534/C534M Grade 1; use molded tubular material wherever possible Aeroflex USA						
53				1/2" Dia Condensate Drain Pipe	234	FT				\$ -
54				1-1/2" Dia Condensate Drain Pipe	846	FT				\$ -
				<b>CONDENSATE DRAIN FITTINGS</b>						
				<b>ELBOW</b>						
55				1/2" Dia Condensate Drain Pipe 90 Deg Elbow	26	EA				\$ -
56				1-1/2" Dia Condensate Drain Pipe 90 Deg Elbow	26	EA				\$ -
				<b>WYE</b>						
57				1-1/2" / 1/2" Dia Condensate Drain Pipe Wye	26	EA				\$ -
				<b>VALVE</b>						
58				1/2" Dia Shut-Off Valve	212	EA				\$ -
59				3/4" Dia Shut-Off Valve	1	EA				\$ -
				<b>VENT THROUGH ROOF</b>						
60				2" Dia VTR	26	EA				\$ -
				<b>PLUMBING FIXTURES</b>						
61				BT-1, BATHTUB, STERLING MODEL 71140112 WITH MOEN FAUCET MODEL TL183NH SHOWER HEAD MODEL 6300EP15	24	EA				\$ -
62				BT-1A, ACCESSIBLE BATHTUB, STERLING MODEL 7124413 WITH MOEN HEAD HELD SHOWER SYSTEM MODEL 52710EP15	3	EA				\$ -
63				EWC-1A, ELECTRIC WATER COOLER, ELKAY MODEL EZSTLG8	1	EA				\$ -
64				KS-1A, ACCESSIBLE KITCHEN SINK, DAYTON MODEL GE-12522-2 WITH MOEN FAUCET MODEL 67425 AND DEARBORNS STRAINERS MODEL 14	1	EA				\$ -
65				KS-2, ACCESSIBLE KITCHEN SINK, DAYTON MODEL GE-23322-2 WITH MOEN FAUCET MODEL 67425 AND DEARBORNS STRAINERS MODEL 14	24	EA				\$ -
66				KS-2A, ACCESSIBLE KITCHEN SINK, DAYTON MODEL GE-23322-2 WITH MOEN FAUCET MODEL 67425 AND DEARBORNS STRAINERS MODEL 14	3	EA				\$ -
67				LAV-1, LAVATORY, MANSFIELD MODEL 267 WITH MOEN FAUCET MODEL 8432F05	24	EA				\$ -
68				LAV-1A, ACCESSIBLE LAVATORY, MANSFIELD MODEL 267 WITH MOEN FAUCET MODEL 8432F05	1	EA				\$ -
69				LAV-2A, ACCESSIBLE LAVATORY, MANSFIELD MODEL 2018HBNS-4 WITH MOEN FAUCET MODEL 8432F05 AND WALL CARRIER MIFAB MODEL MC-41	7	EA				\$ -

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70				S-1, SHAMPOO SINK, ADJUST A SINK MODEL K-100 WITH BOWL TELESCOPING PLUMBING VACCUM BREAKER SPRAY HOSE AND STRAINER BASKET TO INCLUDE 1701 CATCH ALL HAIR TRAP	7	EA				\$ -
71				S-2, HAND WASH SINK, ELKAY MODEL CHSB1716C	1	EA				\$ -
72				SC-1, DOWNSPOUT NOZZLE, ZURN MODEL Z199	21	EA				\$ -
73				UR-1A, ACCESSIBLE URINAL, MANSFIELD MODEL 410 UFE WITH SLOAN MODEL 186-05	1	EA				\$ -
74				WC-1, WATER CLOSET, MANSFIELD 388-387 WITH CENTOCO TOILET SEAT MODEL 3800	25	EA				\$ -
75				WC-1A, ACCESSIBLE WATER CLOSET, MANSFIELD 114-112 WITH CENTOCO TOILET SEAT MODEL 3800	8	EA				\$ -
76				WMB-1, WASHING MACHINE PGM, SIONIX CHEF MODEL 696 SERIES <b>Note: Please add price of this item</b>	1	EA				\$ -
				<b>PUMP</b>						
77				RCP-1, BELL & GOSSETT MODEL NBF-85/LW WITH AQUASTAT MODEL AQS-3/4 AND AUTOMATIC TIMER KIT MODEL TC-1	1	EA				\$ -
78				RCP-2, BELL & GOSSETT MODEL NBF-22 WITH AQUASTAT MODEL AQS-3/4 AND AUTOMATIC TIMER KIT MODEL TC-1	1	EA				\$ -
79				P-3, BELL & GOSSETT TECNOFORCE E-MT DUPLEX PUMP SKID, TWO PUMPS MODEL 4SH2K54B0	1	EA				\$ -
				<b>DOMESTIC WATER HEATER</b>						
80				DWH-1, 150 GLLON, BRADFORD WHITE MODEL VR-150-18	1	EA				\$ -
81				DWH-2, 200 GALLON, BRADFORD WHITE MODEL VR-200-90	1	EA				\$ -
82				DWH-3, 200 GALLON, BRADFORD WHITE MODEL VR-200-90	1	EA				\$ -
				<b>THERMAL LIMITING VALVE</b>						
83				TLV-1, THERMAL LIMITING VALVE, THERM OMEGA TECH CIRCUIT SOLVER MODEL CSU-3/4-115-CV1	4	EA				\$ -
				<b>ACCESSORIES WATER HEATER</b>						
84				3/4" Dia Check Valve	3	EA				\$ -
85				3/4" Dia Gate Valve	8	EA				\$ -
86				3/4" Dia Lead Free Therostatic Diverting Valve, LAWLER Automatic Return Valve	1	EA				\$ -
87				1" Dia Check Valve	1	EA				\$ -
88				1" Dia Gate Valve	4	EA				\$ -
89				2-1/2" Dia Gate Valve	11	EA				\$ -
90				2-1/2" Dia Lead Free Tempering Valve , LAWLER Model 805	2	EA				\$ -
91				2-1/2" Dia Plug Valve	3	EA				\$ -
92				ET-1, Expansion Tank, 10.3 Gallon Min. Volume, Acceptance Tank To Be Charged In The Field To 60PSIG, Bell & Gossett Model PT-25V <b>Note: Please add price of this item</b>	1	EA				\$ -
93				ET-2, ASME Expansion Tank, 25 Gallon Min Volume 11.3 Gallon Min. Acceptance Tank To Be Charged In The Field To 60 PSIG Bell & Gossett Model PTA-60V <b>Note: Please add price of this item</b>	1	EA				\$ -
94				T & P Valve <b>Note: Please add price of this item</b>	3	EA				\$ -
95				Aquastat <b>Note: Please add price of this item</b>	2	EA				\$ -
				<b>PIPE SUPPORT</b>						
96				1/2" Dia Adjustable Clevis Hanger <b>Note: price of this item is already added in pipes price</b>	139	EA				\$ -
97				3/4" Dia Adjustable Clevis Hanger <b>Note: price of this item is already added in pipes price</b>	12	EA				\$ -
98				1" Dia Adjustable Clevis Hanger <b>Note: price of this item is already added in pipes price</b>	6	EA				\$ -
99				3/8" Dia Fully Threaded Rod	157	EA				\$ -
				<b>Subtotal</b>						<b>\$0</b>