

Project ID: Coweta County Water & Sewerage Authority

Address: Coweta County , Georgia

No. of Floors:

DIVISION NO.	DESCRIPTION	TOTAL DIV. COST
1000	General Requirements	\$ -
25000	HVAC/Mechanical	\$ 136,693
PROJECTED COST		\$ 136,693
ERHEAD AND PRC 20%		
		\$ 27,339
INSURANCE 3%		
		\$ 4,101
CONTINGENCY 5%		
		\$ 6,835
SUGGESTED BASE BID		\$ 174,967



SR #	REF	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	MATERIAL RATE	LABOR RATE	EQUIPMENT RATE	MATERIAL COSTS	LABOR COSTS	EQUIPMENT COSTS	SUB COST
1000		GENERAL REQUIREMENTS											
1		Supervision and Coordination	1.00	LS	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2		Submittals and Shop drawings	1.00	LS	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3		Final Cleaning	1.00	LS	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4		Mobilization Costs	1.00	LS	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5		Bond @ 2%	1.00	LS	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6		Temporary Control & Facilities	1.00	LS	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7		Scaffolding	1.00	LS	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
												SUBTOTAL	\$0.00
23000		Division 23 - HVAC/MECHANICAL											
		Ductwork											
8		22" Dia Flue Duct	4.00	LF	10%	4	\$24.00	\$8.00	\$0.00	\$105.60	\$35.20	\$0.00	\$140.80
9		(32 X 16) Duct	5.00	LF	10%	6	\$26.00	\$8.00	\$0.00	\$143.00	\$44.00	\$0.00	\$187.00
10		(28 X 18) Duct	6.00	LF	10%	7	\$24.00	\$8.00	\$0.00	\$158.40	\$52.80	\$0.00	\$211.20
11		(10 X 10) Ceiling Fan Duct	4.00	LF	10%	4	\$14.00	\$6.00	\$0.00	\$61.60	\$26.40	\$0.00	\$88.00
		Louver											
12		WL-1 : Wall Louver Model : ELC6375 CFM : 510 Size : (40 X 12) Frame : Box	1.00	EA	0%	1	\$720.00	\$90.00	\$0.00	\$720.00	\$90.00	\$0.00	\$810.00
13		WL-2 : Wall Louver Model : ELC6375 CFM : 650 Size : (24 X 24) Frame : Box	1.00	EA	0%	1	\$650.00	\$90.00	\$0.00	\$650.00	\$90.00	\$0.00	\$740.00
14		WL-3 : Wall Louver Model : ELC6375 CFM : 650 Size : (24 X 24) Frame : Box	1.00	EA	0%	1	\$650.00	\$90.00	\$0.00	\$650.00	\$90.00	\$0.00	\$740.00
15		(48 X 48) Exhaust Fan Louver	6.00	EA	0%	6	\$880.00	\$110.00	\$0.00	\$5,280.00	\$660.00	\$0.00	\$5,940.00
16		(48 X 48) Relief Louver	1.00	EA	0%	1	\$880.00	\$110.00	\$0.00	\$880.00	\$110.00	\$0.00	\$990.00
17		(48 X 48) Transfer Louver	2.00	EA	0%	2	\$880.00	\$110.00	\$0.00	\$1,760.00	\$220.00	\$0.00	\$1,980.00
18		(48 X 48) Intake Louver W/ Gravity Shutter	3.00	EA	0%	3	\$880.00	\$110.00	\$0.00	\$2,640.00	\$330.00	\$0.00	\$2,970.00
19		Replace Existing Metal Double Door W/ New Louvered Metal Double Door	1.00	EA	0%	1	\$1,050.00	\$170.00	\$0.00	\$1,050.00	\$170.00	\$0.00	\$1,220.00
		Grille											
20		TR-30 - (28 X 18) Cook Grille	2.00	EA	0%	2	\$420.00	\$70.00	\$0.00	\$840.00	\$140.00	\$0.00	\$980.00
		Diffuser											
21		DG Type : Diffuser Model : CT-700 CFM : 325 Size : (18"H X 12"W) Material : Aluminum	2.00	EA	0%	2	\$370.00	\$70.00	\$0.00	\$740.00	\$140.00	\$0.00	\$880.00
		Electric Unit Heater											
22		EUH-2.1 : Electric Unit Heater Model : CHROMALOX HD3D-10 Watts : 10 KW CFM : 1180 Voltage : 460V/3PH/60HZ	1.00	EA	0%	1	\$1,650.00	\$220.00	\$0.00	\$1,650.00	\$220.00	\$0.00	\$1,870.00
23		EUH-2.2 : Electric Unit Heater Model : CHROMALOX HD3D-10 Watts : 10 KW CFM : 1180 Voltage : 460V/3PH/60HZ	1.00	EA	0%	1	\$1,650.00	\$220.00	\$0.00	\$1,650.00	\$220.00	\$0.00	\$1,870.00
24		EUH-2.3 : Electric Unit Heater Model : CHROMALOX HD3D-10 Watts : 10 KW CFM : 1180 Voltage : 460V/3PH/60HZ	1.00	EA	0%	1	\$1,650.00	\$220.00	\$0.00	\$1,650.00	\$220.00	\$0.00	\$1,870.00
25		EUH-2.4 : Electric Unit Heater Model : CHROMALOX HD3D-10 Watts : 10 KW CFM : 1180 Voltage : 460V/3PH/60HZ	1.00	EA	0%	1	\$1,650.00	\$220.00	\$0.00	\$1,650.00	\$220.00	\$0.00	\$1,870.00
26		EUH-3.1 : Electric Unit Heater Model : CHROMALOX HD3D-20 Watts : 20 KW CFM : 1330 Voltage : 460V/3PH/60HZ	1.00	EA	0%	1	\$2,800.00	\$220.00	\$0.00	\$2,800.00	\$220.00	\$0.00	\$3,020.00
27		EUH-3.2 : Electric Unit Heater Model : CHROMALOX HD3D-20 Watts : 20 KW CFM : 1330 Voltage : 460V/3PH/60HZ	1.00	EA	0%	1	\$2,800.00	\$220.00	\$0.00	\$2,800.00	\$220.00	\$0.00	\$3,020.00
28		EUH-3.3 : Electric Unit Heater Model : CHROMALOX HD3D-20 Watts : 20 KW CFM : 1330 Voltage : 460V/3PH/60HZ	1.00	EA	0%	1	\$2,800.00	\$220.00	\$0.00	\$2,800.00	\$220.00	\$0.00	\$3,020.00
29		EUH-3.4 : Electric Unit Heater Model : CHROMALOX HD3D-20 Watts : 20 KW CFM : 1330 Voltage : 460V/3PH/60HZ	1.00	EA	0%	1	\$2,800.00	\$220.00	\$0.00	\$2,800.00	\$220.00	\$0.00	\$3,020.00
30		EUH-3.5 : Electric Unit Heater Model : CHROMALOX HD3D-20 Watts : 20 KW CFM : 1330 Voltage : 460V/3PH/60HZ	1.00	EA	0%	1	\$2,800.00	\$220.00	\$0.00	\$2,800.00	\$220.00	\$0.00	\$3,020.00



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31		EUH-3.6 : Electric Unit Heater Model : CHROMALOX HD3D-20 Watts : 20 KW CFM : 1330 Voltage : 460V/3PH/60HZ	1.00	EA	0%	1	\$2,800.00	\$220.00	\$0.00	\$2,800.00	\$220.00	\$0.00	\$3,020.00
32		EUH-3.7 : Electric Unit Heater Model : CHROMALOX HD3D-20 Watts : 20 KW CFM : 1330 Voltage : 460V/3PH/60HZ	1.00	EA	0%	1	\$2,800.00	\$220.00	\$0.00	\$2,800.00	\$220.00	\$0.00	\$3,020.00
		Exhaust Fan											
33		EF-1 : Fan Model : PL33E2 Type : Centrifugal CFM : 510/340 Voltage : 120V/1PH/60HZ	1.00	EA	0%	1	\$650.00	\$130.00	\$0.00	\$650.00	\$130.00	\$0.00	\$780.00
34		EF-2 : Fan Model : PW100 Type : Wall Centrifugal CFM : 325 Voltage : 120V/1PH/60HZ	1.00	EA	0%	1	\$520.00	\$130.00	\$0.00	\$520.00	\$130.00	\$0.00	\$650.00
35		EF-3 : Fan Model : PW100 Type : Wall Centrifugal CFM : 325 Voltage : 120V/1PH/60HZ	1.00	EA	0%	1	\$520.00	\$130.00	\$0.00	\$520.00	\$130.00	\$0.00	\$650.00
36		EF-4 : Fan Model : V100 Type : Ceiling Centrifugal CFM : 90 Voltage : 120V/1PH/60HZ	1.00	EA	0%	1	\$170.00	\$130.00	\$0.00	\$170.00	\$130.00	\$0.00	\$300.00
37		EF-5 : Fan Model : FQ129LO Type : Wall Propeller CFM : 650 Voltage : 120V/1PH/60HZ	1.00	EA	0%	1	\$820.00	\$130.00	\$0.00	\$820.00	\$130.00	\$0.00	\$950.00
38		EF-5 : Fan Model : FQ129LO Type : Wall Propeller CFM : 650 Voltage : 120V/1PH/60HZ	1.00	EA	0%	1	\$820.00	\$130.00	\$0.00	\$820.00	\$130.00	\$0.00	\$950.00
		Power Ventilator											
39		EF-2.1 : Power Ventilator Model : COOK 24XPLH CFM : 1500 Voltage : 460V/3PH/60HZ	1.00	EA	0%	1	\$1,800.00	\$220.00	\$0.00	\$1,800.00	\$220.00	\$0.00	\$2,020.00
40		EF-2.2 : Power Ventilator Model : COOK 24XPLH CFM : 1500 Voltage : 460V/3PH/60HZ	1.00	EA	0%	1	\$1,800.00	\$220.00	\$0.00	\$1,800.00	\$220.00	\$0.00	\$2,020.00
41		EF-3.1 : Power Ventilator Model : COOK 36 XMWH CFM : 4000 Voltage : 460V/3PH/60HZ	1.00	EA	0%	1	\$3,250.00	\$220.00	\$0.00	\$3,250.00	\$220.00	\$0.00	\$3,470.00
42		EF-3.2 : Power Ventilator Model : COOK 36 XMWH CFM : 4000 Voltage : 460V/3PH/60HZ	1.00	EA	0%	1	\$3,250.00	\$220.00	\$0.00	\$3,250.00	\$220.00	\$0.00	\$3,470.00
43		EF-3.3 : Power Ventilator Model : COOK 36 XMWH CFM : 4000 Voltage : 460V/3PH/60HZ	1.00	EA	0%	1	\$3,250.00	\$220.00	\$0.00	\$3,250.00	\$220.00	\$0.00	\$3,470.00
44		EF-3.4 : Power Ventilator Model : COOK 36 XMWH CFM : 4000 Voltage : 460V/3PH/60HZ	1.00	EA	0%	1	\$3,250.00	\$220.00	\$0.00	\$3,250.00	\$220.00	\$0.00	\$3,470.00
45		SF-3.1 : Power Ventilator Model : COOK 36 XMWHS CFM : 4000 Voltage : 460V/3PH/60HZ	1.00	EA	0%	1	\$3,250.00	\$220.00	\$0.00	\$3,250.00	\$220.00	\$0.00	\$3,470.00
46		SF-3.2 : Power Ventilator Model : COOK 36 XMWHS CFM : 4000 Voltage : 460V/3PH/60HZ	1.00	EA	0%	1	\$3,250.00	\$220.00	\$0.00	\$3,250.00	\$220.00	\$0.00	\$3,470.00
47		SF-3.3 : Power Ventilator Model : COOK 36 XMWHS CFM : 4000 Voltage : 460V/3PH/60HZ	1.00	EA	0%	1	\$3,250.00	\$220.00	\$0.00	\$3,250.00	\$220.00	\$0.00	\$3,470.00
48		SF-3.4 : Power Ventilator Model : COOK 36 XMWHS CFM : 4000 Voltage : 460V/3PH/60HZ	1.00	EA	0%	1	\$3,250.00	\$220.00	\$0.00	\$3,250.00	\$220.00	\$0.00	\$3,470.00
49		SF-3.5 : Power Ventilator Model : COOK 195SQNH11D CFM : 3500 Voltage : 460V/3PH/60HZ	1.00	EA	0%	1	\$2,800.00	\$220.00	\$0.00	\$2,800.00	\$220.00	\$0.00	\$3,020.00
50		SF-3.6 : Power Ventilator Model : COOK 195SQNH11D CFM : 3500 Voltage : 460V/3PH/60HZ	1.00	EA	0%	1	\$2,800.00	\$220.00	\$0.00	\$2,800.00	\$220.00	\$0.00	\$3,020.00
		Ductless Outdoor Unit											
51		OHP- 1.1 : Ductless Outdoor Unit Model : TRANE TRUZA024 Tons : 2 BTUH : 26 Voltage : 208V/1PH/60HZ	1.00	EA	0%	1	\$2,600.00	\$240.00	\$0.00	\$2,600.00	\$240.00	\$0.00	\$2,840.00



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52		OHP- 1.2 : Ductless Outdoor Unit Model : TRANE TRUZA024 Tons : 2 BTUH : 26 Voltage : 208V/1PH/60HZ	1.00	EA	0%	1	\$2,600.00	\$240.00	\$0.00	\$2,600.00	\$240.00	\$0.00	\$2,840.00
53		OHP- 2.1 : Ductless Outdoor Unit Model : TRANE TRUZA024 Tons : 2 BTUH : 26 Voltage : 208V/1PH/60HZ	1.00	EA	0%	1	\$2,600.00	\$240.00	\$0.00	\$2,600.00	\$240.00	\$0.00	\$2,840.00
54		OHP- 2.2 : Ductless Outdoor Unit Model : TRANE TRUZA024 Tons : 2 BTUH : 26 Voltage : 208V/1PH/60HZ	1.00	EA	0%	1	\$2,600.00	\$240.00	\$0.00	\$2,600.00	\$240.00	\$0.00	\$2,840.00
55		OHP- 3.1 : Ductless Outdoor Unit Model : TRANE TRUZA024 Tons : 2 BTUH : 26 Voltage : 208V/1PH/60HZ	1.00	EA	0%	1	\$2,600.00	\$240.00	\$0.00	\$2,600.00	\$240.00	\$0.00	\$2,840.00
		Ductless Indoor Unit											
56		DSS-1.1 : Ductless Indoor Unit Model : TRANE TPLA024 CFM : 640 MBH : 24 MBH : 26 Voltage : 208V-1PH/60HZ	1.00	EA	0%	1	\$1,450.00	\$180.00	\$0.00	\$1,450.00	\$180.00	\$0.00	\$1,630.00
57		DSS-1.2 : Ductless Indoor Unit Model : TRANE TPLA024 CFM : 640 MBH : 24 MBH : 26 Voltage : 208V-1PH/60HZ	1.00	EA	0%	1	\$1,450.00	\$180.00	\$0.00	\$1,450.00	\$180.00	\$0.00	\$1,630.00
58		DSS-2.1 : Ductless Indoor Unit Model : TRANE TPKA0A024 CFM : 635 MBH : 24 MBH : 26 Voltage : 208V-1PH/60HZ	1.00	EA	0%	1	\$1,450.00	\$180.00	\$0.00	\$1,450.00	\$180.00	\$0.00	\$1,630.00
59		DSS-2.2 : Ductless Indoor Unit Model : TRANE TPKA0A024 CFM : 635 MBH : 24 MBH : 26 Voltage : 208V-1PH/60HZ	1.00	EA	0%	1	\$1,450.00	\$180.00	\$0.00	\$1,450.00	\$180.00	\$0.00	\$1,630.00
60		DSS-3.1 : Ductless Indoor Unit Model : TRANE TPKA0A024 CFM : 635 MBH : 24 MBH : 26 Voltage : 208V-1PH/60HZ	1.00	EA	0%	1	\$1,450.00	\$180.00	\$0.00	\$1,450.00	\$180.00	\$0.00	\$1,630.00
		Electric Water Heater											
61		UH-1 : Electric Water Heater Model : MUH-05.8 Model Watts : 3.0 KW CFM : 350	1.00	EA	0%	1	\$950.00	\$180.00	\$0.00	\$950.00	\$180.00	\$0.00	\$1,130.00
62		UH-2 : Electric Water Heater Model : CCR-003 Model Watts : 3.0 KW CFM : 405	1.00	EA	0%	1	\$1,180.00	\$180.00	\$0.00	\$1,180.00	\$180.00	\$0.00	\$1,360.00
63		UH-3 : Electric Water Heater Model : CCR-003 Model Watts : 3.0 KW CFM : 405	1.00	EA	0%	1	\$1,180.00	\$180.00	\$0.00	\$1,180.00	\$180.00	\$0.00	\$1,360.00
64		UH-4 : Electric Water Heater Model : MUH-05.8 Model Watts : 3.0 KW CFM : 350	1.00	EA	0%	1	\$950.00	\$180.00	\$0.00	\$950.00	\$180.00	\$0.00	\$1,130.00
65		UH-5 : Electric Water Heater Model : MUH-05.8 Model Watts : 3.0 KW CFM : 350	1.00	EA	0%	1	\$950.00	\$180.00	\$0.00	\$950.00	\$180.00	\$0.00	\$1,130.00
66		WH-1 : Electric Water Heater Model : AHW-4204 Model Watts : 1.5 KW	1.00	EA	0%	1	\$680.00	\$180.00	\$0.00	\$680.00	\$180.00	\$0.00	\$860.00
		Gravity Hood											
67		GH-1 : Gravity Hood Model : IV 1212 Size : (12" X 12") CFM : 325	1.00	EA	0%	1	\$720.00	\$140.00	\$0.00	\$720.00	\$140.00	\$0.00	\$860.00
68		GH-2 : Gravity Hood Model : IV 1212 Size : (12" X 12") CFM : 325	1.00	EA	0%	1	\$720.00	\$140.00	\$0.00	\$720.00	\$140.00	\$0.00	\$860.00
		Thermostat											
69		Corrosion Resistant Thermostat	11.00	EA	0%	11	\$110.00	\$45.00	\$0.00	\$1,210.00	\$495.00	\$0.00	\$1,705.00
70		Thermostat	11.00	EA	0%	11	\$90.00	\$45.00	\$0.00	\$990.00	\$495.00	\$0.00	\$1,485.00
		Others											
71		Corrosion Resistant On-Off Switch	5.00	EA	0%	5	\$70.00	\$30.00	\$0.00	\$350.00	\$150.00	\$0.00	\$500.00
72		Gravity Back Draft Damper	2.00	EA	0%	2	\$90.00	\$35.00	\$0.00	\$180.00	\$70.00	\$0.00	\$250.00
73		Supply Fan Weather Hood	4.00	EA	0%	4	\$1,250.00	\$240.00	\$0.00	\$5,000.00	\$960.00	\$0.00	\$5,960.00
74		Wall Cap	1.00	EA	0%	1	\$60.00	\$25.00	\$0.00	\$60.00	\$25.00	\$0.00	\$85.00
		Mechanical Pipe											
75		Condensate Drain Pipe	34.00	LF	10%	37	\$22.00	\$8.00	\$0.00	\$822.80	\$299.20	\$0.00	\$1,122.00
76		Refrigerant Pipe	48.00	LF	10%	53	\$28.00	\$8.00	\$0.00	\$1,478.40	\$422.40	\$0.00	\$1,900.80
77		2-1/2" Gas Supply Pipe	91.00	LF	10%	100	\$16.00	\$6.00	\$0.00	\$1,601.60	\$600.60	\$0.00	\$2,202.20

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Scope: Mechanical

Date: 20.03.2023



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		Wiring											
78		Mechanical Wiring	83.00	LF	10%	91	\$15.00	\$5.00	\$0.00	\$1,369.50	\$456.50	\$0.00	\$1,826.00
SUBTOTAL												\$136,693.00	

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PROJECTED COST												\$136,693	
OVERHEAD AND PROFIT											20%	\$27,339	
INSURANCE											3%	\$4,101	
CONTINGENCY											5%	\$6,835	
SUGGESTED BID												\$174,967	