

DETAILED BREAKDOWN OF ITEMS

Prepared For: Driftwood Community, Creek Parcel: 214 Thurman Roberts Way Driftwood, Texas 78619
 Project ID: 512022
 Scope: HVAC



Let's Win This Bid Together! Your Vision, Our Commitment

Date: 7-Dec-22

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS													
1			Permits	LS	1	0%	1	0.00	0.00	\$ -	\$ -	\$ 1,000.00	\$ 1,000.00
2			Supervision and Coordination	LS	1	0%	1	0.00	0.00	\$ -	\$ -	\$ 30,000.00	\$ 30,000.00
3			Submittals and Shop drawings	LS	1	0%	1	0.00	0.00	\$ -	\$ -	\$ -	\$ -
4			Final Cleaning	LS	1	0%	1	0.00	0.00	\$ -	\$ -	\$ 1,000.00	\$ 1,000.00
5			Mobilization Costs	LS	1	0%	1	0.00	0.00	\$ -	\$ -	\$ 2,500.00	\$ 2,500.00
6			Temporary Control & Facilities	LS	1	0%	1	0.00	0.00	\$ -	\$ -	\$ 500.00	\$ 500.00
												SUBTOTAL	\$ 35,000
HVAC													
FLEXIBLE DUCT													
7			8" Dia Flexible Air Duct	LF	5	10%	5	0.035	\$ 65	\$ 2.28	\$ 4.52	\$ 6.80	\$ 35.73
8			6" Dia Flexible Air Duct	LF	37	10%	41	0.032	\$ 65	\$ 2.68	\$ 3.89	\$ 5.97	\$ 241.86
9			10" Dia Flexible Air Duct	LF	19	10%	21	0.040	\$ 40	\$ 8.40	\$ 5.02	\$ 7.62	\$ 162.61
10			12" Dia Flexible Air Duct	LF	24	10%	26	0.045	\$ 60	\$ 15.93	\$ 6.10	\$ 9.03	\$ 234.49
COMBUSTION AIR PIPE													
Schedule 40 PVC Pipe													
11			4" Dia Combustion Air Pipe	LF	90	10%	99	0.070	\$ 5.00	\$ 4.55	\$ 0.95	\$ 13.50	\$ 1,335.91
VENT PIPE													
Schedule 40 PVC Pipe													
12			4" Dia Vent Pipe	LF	92	10%	101	0.070	\$ 5.00	\$ 4.55	\$ 0.95	\$ 13.50	\$ 1,366.20
REFRIGERANT PIPE													
Type "ACR" Hard Drawn Copper Pipe W/ Wrought Copper Fittings													
13			3/8" Refrigerant Liquid Pipe	LF	443	10%	487	0.032	\$ 65.00	\$ 2.08	\$ 3.40	\$ 5.48	\$ 2,671.01
14			5/8" Refrigerant Suction Pipe	LF	443	10%	487	0.035	\$ 65.00	\$ 2.28	\$ 6.14	\$ 8.42	\$ 4,101.56
1/2" Thick, Fiberglass Pipe Insulation													
15			3/8" Refrigerant Liquid Pipe	LF	443	10%	487	0.032	\$ 65.00	\$ 1.63	\$ 2.35	\$ 3.98	\$ 1,937.45
16			5/8" Refrigerant Suction Pipe	LF	443	10%	487	0.035	\$ 65.00	\$ 1.82	\$ 2.65	\$ 4.47	\$ 2,178.72
REFRIGERANT PIPE FITTINGS:													
ELBOW:													
17			3/8" Refrigerant Liquid Pipe 90 Deg Elbow	EA	40	0%	40	0.185	\$ 65.00	\$ 12.03	\$ 2.32	\$ 14.35	\$ 573.80
18			5/8" Refrigerant Suction Pipe 90 Deg Elbow	EA	40	0%	40	0.210	\$ 65.00	\$ 13.65	\$ 4.72	\$ 18.37	\$ 734.80
CONDENSATE DRAIN PIPE													
Type "M" Hard Drawn Copper Pipe W/ Wrought Copper Fittings													
19			3/4" Dia Condensate Drain Pipe (Size assumed)	LF	481	10%	529	0.035	\$ 65.00	\$ 2.28	\$ 4.20	\$ 6.48	\$ 3,428.27
1/2" Thick, Fiberglass Pipe Insulation													
20			3/4" Dia Condensate Drain Pipe (Size assumed)	LF	481	10%	529	0.029	\$ 65.00	\$ 1.89	\$ 2.85	\$ 4.74	\$ 2,507.01
CONDENSATE DRAIN FITTINGS:													
ELBOW:													
21			3/4" Dia Condensate Drain Pipe 90 Deg Elbow	EA	71	0%	71	0.181	\$ 65.00	\$ 11.77	\$ 3.63	\$ 15.40	\$ 1,093.05
AIR DEVICES													
22			E-1: Steel Louvered Exhaust Grille, 3/4" Blade Spacing 8"x8" Degree Deflection, Blade Parallel To Long Dimension, TITUS 350ZRL With OBD, 8"x8" Neck Size, 12"x12" Face Size, 150 CFM	EA	1	0%	1	0.450	\$ 65.00	\$ 29.25	\$ 145.00	\$ 174.25	\$ 174.25
23			E-1: Steel Louvered Exhaust Grille, 3/4" Blade Spacing 8"x8" Degree Deflection, Blade Parallel To Long Dimension, TITUS 350ZRL With OBD, 8"x8" Neck Size, 12"x12" Face Size, 50 CFM	EA	2	0%	2	0.450	\$ 65.00	\$ 29.25	\$ 126.20	\$ 155.45	\$ 310.90
24			E-1: Steel Louvered Exhaust Grille, 3/4" Blade Spacing 8"x8" Degree Deflection, Blade Parallel To Long Dimension, TITUS 350ZRL With OBD, 8"x8" Neck Size, 12"x12" Face Size, 75 CFM	EA	3	0%	3	0.450	\$ 65.00	\$ 29.25	\$ 126.20	\$ 155.45	\$ 466.35
25			E-2: 48" Flow bar Linear Slot Exhaust Diffuser, 2" Slot, 2 slot, 120 With Continuous Slot Plenum, 12"x12" Neck Size, 200 CFM	EA	2	0%	2	0.410	\$ 65.00	\$ 26.65	\$ 132.52	\$ 159.17	\$ 318.34
26			E-2: 48" Flow bar Linear Slot Exhaust Diffuser, 2" Slot, 2 slot, 120 With Continuous Slot Plenum, 8"x8" Neck Size, 150 CFM	EA	4	0%	4	0.485	\$ 65.00	\$ 31.53	\$ 152.00	\$ 183.53	\$ 734.10
27			E-3: 24" Flow bar Linear Slot Exhaust Diffuser, 2" Slot, 1 slot, 120 With Continuous Slot Plenum, 24"x18" Neck Size, 120 CFM	EA	1	0%	1	0.310	\$ 65.00	\$ 20.15	\$ 125.00	\$ 145.15	\$ 145.15
28			E-3: 24" Flow bar Linear Slot Exhaust Diffuser, 2" Slot, 1 slot, 120 With Continuous Slot Plenum, 24"x18" Neck Size, 800 CFM	EA	1	0%	1	0.350	\$ 65.00	\$ 22.75	\$ 140.00	\$ 162.75	\$ 162.75
29			E-3: 24" Flow bar Linear Slot Exhaust Diffuser, 2" Slot, 1 slot, 120 With Continuous Slot Plenum, 24"x18" Neck Size, 150 CFM	EA	2	0%	2	0.350	\$ 65.00	\$ 22.75	\$ 140.00	\$ 162.75	\$ 325.50
30			E-3: 24" Flow bar Linear Slot Exhaust Diffuser, 2" Slot, 1 slot, 120 With Continuous Slot Plenum, 8"x8" Neck Size, 150 CFM	EA	3	0%	3	0.310	\$ 65.00	\$ 20.15	\$ 125.00	\$ 145.15	\$ 435.45
31			E-3: 24" Flow bar Linear Slot Exhaust Diffuser, 2" Slot, 1 slot, 120 With Continuous Slot Plenum, 8"x8" Neck Size, 150 CFM	EA	8	0%	8	0.310	\$ 65.00	\$ 20.15	\$ 125.00	\$ 145.15	\$ 1,161.20
32			E-3: 24" Flow bar Linear Slot Exhaust Diffuser, 2" Slot, 1 slot, 120 With Continuous Slot Plenum, 8"x8" Neck Size, 150 CFM	EA	13	0%	13	0.310	\$ 65.00	\$ 20.15	\$ 125.00	\$ 145.15	\$ 1,886.95
33			R-1: Eggcrate Return Grille, TITUS 50F, 10"x10" Neck Size, 24"x24" Face Size	EA	3	0%	3	0.250	\$ 65.00	\$ 16.25	\$ 42.20	\$ 58.45	\$ 175.35
34			R-1: Eggcrate Return Grille, TITUS 50F, 10"x10" Neck Size, 24"x24" Face Size	EA	1	0%	1	0.270	\$ 65.00	\$ 17.55	\$ 51.23	\$ 68.78	\$ 68.78
35			R-1: Eggcrate Return Grille, TITUS 50F, 14"x14" Neck Size, 24"x24" Face Size	EA	1	0%	1	0.270	\$ 65.00	\$ 17.55	\$ 51.23	\$ 68.78	\$ 68.78
36			R-1: Eggcrate Return Grille, TITUS 50F, 14"x14" Neck Size, 24"x24" Face Size	EA	1	0%	1	0.290	\$ 65.00	\$ 18.85	\$ 56.20	\$ 75.05	\$ 75.05
37			R-1: Eggcrate Return Grille, TITUS 50F, 16"x14" Neck Size, 24"x24" Face Size	EA	1	0%	1	0.290	\$ 65.00	\$ 18.85	\$ 56.20	\$ 75.05	\$ 75.05
38			R-1: Eggcrate Return Grille, TITUS 50F, 18"x14" Neck Size, 24"x24" Face Size	EA	4	0%	4	0.300	\$ 65.00	\$ 19.50	\$ 61.20	\$ 80.70	\$ 322.80
39			R-1: Eggcrate Return Grille, TITUS 50F, 20"x14" Neck Size, 24"x24" Face Size	EA	3	0%	3	0.320	\$ 65.00	\$ 20.80	\$ 66.00	\$ 86.80	\$ 260.40
40			R-1: Eggcrate Return Grille, TITUS 50F, 20"x16" Neck Size, 24"x24" Face Size	EA	1	0%	1	0.320	\$ 65.00	\$ 20.80	\$ 66.00	\$ 86.80	\$ 86.80
41			R-1: Eggcrate Return Grille, TITUS 50F, 24"x24" Face Size	EA	2	0%	2	0.340	\$ 65.00	\$ 22.10	\$ 71.00	\$ 93.10	\$ 186.20
42			R-1: Eggcrate Return Grille, TITUS 50F, 36"x16" Neck Size, 24"x24" Face Size	EA	2	0%	2	0.370	\$ 65.00	\$ 24.05	\$ 79.20	\$ 103.25	\$ 206.50
43			R-1: Eggcrate Return Grille, TITUS 50F, 46"x18" Neck Size, 24"x24" Face Size	EA	3	0%	3	0.390	\$ 65.00	\$ 25.35	\$ 82.32	\$ 107.67	\$ 323.01
44			R-2: Steel Louvered Return Air Grille, TITUS 50F, 8"x6" Neck Size, 24"x12" Face Size	EA	2	0%	2	0.320	\$ 65.00	\$ 20.80	\$ 66.00	\$ 86.80	\$ 173.60
45			R-2: Steel Louvered Return Air Grille, 1/2" Blade Spacing Parallel To Long Dimension With 35 Deg Fixed Deflection, TITUS 355RL, 48"x30" Neck Size	EA	1	0%	1	0.450	\$ 65.00	\$ 29.25	\$ 185.20	\$ 214.45	\$ 214.45
46			R-2: Steel Louvered Return Air Grille, 1/2" Blade Spacing Parallel To Long Dimension With 35 Deg Fixed Deflection, TITUS 355RL, 60"x16" Neck Size	EA	1	0%	1	0.510	\$ 65.00	\$ 33.15	\$ 210.32	\$ 243.47	\$ 243.47
47			R-3: 48" Flow bar Linear Slot Return Diffuser, 2" Slot, 2 slot, 120 With Continuous Slot Plenum, 12"x10" Neck Size	EA	4	0%	4	0.410	\$ 65.00	\$ 26.65	\$ 132.25	\$ 158.90	\$ 635.60
48			S-1: Louvered Ceiling Diffuser, W/ Spin-In Volume Control, TITUS TWS, 10" Dia Neck Size, 24"x24" Face Size, 250 CFM	EA	1	0%	1	0.320	\$ 65.00	\$ 20.80	\$ 124.07	\$ 144.87	\$ 144.87

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49			S-1: Louvered Ceiling Diffuser, W/ Spin-In Volume Control, TITUS TMS, 10" Dia Neck Size, 24"x24" Face Size, 300 CFM	EA	3	0%	3	0.320	\$ 65.00	\$ 20.80	\$ 124.07	\$ 144.87	\$ 434.61
50			S-1: Louvered Ceiling Diffuser, W/ Spin-In Volume Control, TITUS TMS, 12" Dia Neck Size, 24"x24" Face Size, 400 CFM	EA	1	0%	1	0.320	\$ 65.00	\$ 20.80	\$ 135.20	\$ 156.00	\$ 156.00
51			S-1: Louvered Ceiling Diffuser, W/ Spin-In Volume Control, TITUS TMS, 12" Dia Neck Size, 24"x24" Face Size, 500 CFM	EA	5	0%	5	0.320	\$ 65.00	\$ 20.80	\$ 135.20	\$ 156.00	\$ 780.00
52			S-1: Louvered Ceiling Diffuser, W/ Spin-In Volume Control, TITUS TMS, 6" Dia Neck Size, 12"x12" Face Size, 100 CFM	EA	3	0%	3	0.290	\$ 65.00	\$ 18.85	\$ 109.20	\$ 128.05	\$ 384.15
53			S-1: Louvered Ceiling Diffuser, W/ Spin-In Volume Control, TITUS TMS, 6" Dia Neck Size, 24"x24" Face Size, 100 CFM	EA	2	0%	2	0.320	\$ 65.00	\$ 20.80	\$ 112.00	\$ 132.80	\$ 265.60
54			S-1: Louvered Ceiling Diffuser, W/ Spin-In Volume Control, TITUS TMS, 6" Dia Neck Size, 24"x24" Face Size, 125 CFM	EA	2	0%	2	0.320	\$ 65.00	\$ 20.80	\$ 112.00	\$ 132.80	\$ 265.60
55			S-1: Louvered Ceiling Diffuser, W/ Spin-In Volume Control, TITUS TMS, 6" Dia Neck Size, 24"x24" Face Size, 50 CFM	EA	2	0%	2	0.320	\$ 65.00	\$ 20.80	\$ 112.00	\$ 132.80	\$ 265.60
56			S-1: Louvered Ceiling Diffuser, W/ Spin-In Volume Control, TITUS TMS, 6" Dia Neck Size, 24"x24" Face Size, 60 CFM	EA	1	0%	1	0.320	\$ 65.00	\$ 20.80	\$ 112.00	\$ 132.80	\$ 132.80
57			S-1: Louvered Ceiling Diffuser, W/ Spin-In Volume Control, TITUS TMS, 8" Dia Neck Size, 24"x24" Face Size, 200 CFM	EA	1	0%	1	0.385	\$ 65.00	\$ 25.03	\$ 129.00	\$ 154.03	\$ 154.03
58			S-2: 48" Flow bar Linear Slot Diffuser, 2" Slot, 2 Slot, With Pattern Controller, TITUS FL-20 With Continuous Slot Plenum, 10" Dia Neck Size, 250 CFM	EA	5	0%	5	0.420	\$ 65.00	\$ 27.30	\$ 142.00	\$ 169.30	\$ 846.50
59			S-2: 48" Flow bar Linear Slot Diffuser, 2" Slot, 2 Slot, With Pattern Controller, TITUS FL-20 With Continuous Slot Plenum, 10" Dia Neck Size, 300 CFM	EA	6	0%	6	0.420	\$ 65.00	\$ 27.30	\$ 142.00	\$ 169.30	\$ 1,015.80
60			S-2: 48" Flow bar Linear Slot Diffuser, 2" Slot, 2 Slot, With Pattern Controller, TITUS FL-20 With Continuous Slot Plenum, 12" Dia Neck Size, 300 CFM	EA	2	0%	2	0.440	\$ 65.00	\$ 28.60	\$ 153.20	\$ 181.80	\$ 363.60
61			S-2: 48" Flow bar Linear Slot Diffuser, 2" Slot, 2 Slot, With Pattern Controller, TITUS FL-20 With Continuous Slot Plenum, 12" Dia Neck Size, 325 CFM	EA	2	0%	2	0.440	\$ 65.00	\$ 28.60	\$ 153.20	\$ 181.80	\$ 363.60
62			S-2: 48" Flow bar Linear Slot Diffuser, 2" Slot, 2 Slot, With Pattern Controller, TITUS FL-20 With Continuous Slot Plenum, 12" Dia Neck Size, 400 CFM	EA	20	0%	20	0.440	\$ 65.00	\$ 28.60	\$ 153.20	\$ 181.80	\$ 3,636.00
63			S-2: 48" Flow bar Linear Slot Diffuser, 2" Slot, 2 Slot, With Pattern Controller, TITUS FL-20 With Continuous Slot Plenum, 12" Dia Neck Size, 440 CFM	EA	6	0%	6	0.440	\$ 65.00	\$ 28.60	\$ 153.20	\$ 181.80	\$ 1,090.80
64			S-2: 48" Flow bar Linear Slot Diffuser, 2" Slot, 2 Slot, With Pattern Controller, TITUS FL-20 With Continuous Slot Plenum, 12" Dia Neck Size, 455 CFM	EA	4	0%	4	0.440	\$ 65.00	\$ 28.60	\$ 153.20	\$ 181.80	\$ 727.20
65			S-2: 48" Flow bar Linear Slot Diffuser, 2" Slot, 2 Slot, With Pattern Controller, TITUS FL-20 With Continuous Slot Plenum, 12" Dia Neck Size, 460 CFM	EA	18	0%	18	0.440	\$ 65.00	\$ 28.60	\$ 153.20	\$ 181.80	\$ 3,272.40
66			S-2: 48" Flow bar Linear Slot Diffuser, 2" Slot, 2 Slot, With Pattern Controller, TITUS FL-20 With Continuous Slot Plenum, 12" Dia Neck Size, 500 CFM	EA	2	0%	2	0.440	\$ 65.00	\$ 28.60	\$ 153.20	\$ 181.80	\$ 363.60
67			S-2: 48" Flow bar Linear Slot Diffuser, 2" Slot, 2 Slot, With Pattern Controller, TITUS FL-20 With Continuous Slot Plenum, 12" Dia Neck Size, 550 CFM	EA	4	0%	4	0.440	\$ 65.00	\$ 28.60	\$ 153.20	\$ 181.80	\$ 727.20
68			S-2: 48" Flow bar Linear Slot Diffuser, 2" Slot, 2 Slot, With Pattern Controller, TITUS FL-20 With Continuous Slot Plenum, 6" Dia Neck Size, 100 CFM	EA	1	0%	1	0.320	\$ 65.00	\$ 20.80	\$ 112.02	\$ 132.82	\$ 132.82
69			S-2: 48" Flow bar Linear Slot Diffuser, 2" Slot, 2 Slot, With Pattern Controller, TITUS FL-20 With Continuous Slot Plenum, 8" Dia Neck Size, 150 CFM	EA	4	0%	4	0.350	\$ 65.00	\$ 22.75	\$ 128.50	\$ 151.25	\$ 605.00
70			S-2: 48" Flow bar Linear Slot Diffuser, 2" Slot, 2 Slot, With Pattern Controller, TITUS FL-20 With Continuous Slot Plenum, 8" Dia Neck Size, 200 CFM	EA	8	0%	8	0.350	\$ 65.00	\$ 22.75	\$ 128.50	\$ 151.25	\$ 1,210.00
71			S-2: 48" Flow bar Linear Slot Diffuser, 2" Slot, 2 Slot, With Pattern Controller, TITUS FL-20 With Continuous Slot Plenum, 8" Dia Neck Size, 240 CFM	EA	5	0%	5	0.350	\$ 65.00	\$ 22.75	\$ 128.50	\$ 151.25	\$ 756.25
72			S-3: 24" Flow bar Linear Slot Diffuser, 2" Slot, 1 Slot With Pattern Controller, TITUS FL-20 With Continuous Slot Plenum, 6" Dia Neck Size, 125 CFM	EA	1	0%	1	0.295	\$ 65.00	\$ 19.18	\$ 112.02	\$ 131.20	\$ 131.20
73			S-3: 24" Flow bar Linear Slot Diffuser, 2" Slot, 1 Slot With Pattern Controller, TITUS FL-20 With Continuous Slot Plenum, 8" Dia Neck Size, 175 CFM	EA	2	0%	2	0.295	\$ 65.00	\$ 19.18	\$ 128.50	\$ 147.68	\$ 295.35
ROOF TOP UNIT													
74			RTU-1: Rooftop Unit, CARRIER 48CDA12, 1.0 TONS, 4000 CFM, 79.6 DB/65.2 WB, 115.77 MBH, 208V/60Hz/3Ph, 15.6 RLA (1), 15.6 RLA (2), 12.6 FLA (evap. fan), 1.5 FLA (cond. fan), 51 MCA/60 MOCP, 1200 LBS. 1. All units shall have barometric relief. 2. All units shall have insulated roof curbs that match roof slope. 3. All units shall be manufactured for single point electrical connection. 4. Provide hail guards excluding units with V bank coils. 5. Provide enthalpy-controlled economizers.	EA	1	0%	1	3.200	\$ 120.00	\$ 384.00	\$ 4,850.00	\$ 5,234.00	\$ 5,234.00
75			RTU-2: Rooftop Unit, CARRIER 48CDA14, 1.25 TONS, 5000 CFM, 79.6 DB/65.2 WB, 136.47 MBH, 208V/60Hz/3Ph, 17.6 RLA (1), 23.2 RLA (2), 13.6 FLA (evap. fan), 1.3 FLA (cond. fan), 64.1 MCA/80 MOCP, 2500 LBS. 1. All units shall have barometric relief. 2. All units shall have insulated roof curbs that match roof slope. 3. All units shall be manufactured for single point electrical connection. 4. Provide hail guards excluding units with V bank coils. 5. Provide enthalpy-controlled economizers.	EA	1	0%	1	3.200	\$ 120.00	\$ 384.00	\$ 5,200.00	\$ 5,584.00	\$ 5,584.00
76			RTU-3: Rooftop Unit, CARRIER 48GCDM05, 4 TONS, 16000 CFM, 79.6 DB/65.2 WB, 44.93 MBH, 208V/60Hz/3Ph, 14 RLA, 7.1 FLA (evap. fan), 1.5 FLA (cond. fan), 27 MCA/30 MOCP, 800 LBS. 1. All units shall have barometric relief. 2. All units shall have insulated roof curbs that match roof slope. 3. All units shall be manufactured for single point electrical connection. 4. Provide hail guards excluding units with V bank coils. 5. Provide enthalpy-controlled economizers.	EA	1	0%	1	3.200	\$ 120.00	\$ 384.00	\$ 3,365.00	\$ 3,749.00	\$ 3,749.00
77			RTU-4: Rooftop Unit, CARRIER 48CDA14, 1.25 TONS, 5000 CFM, 79.6 DB/65.2 WB, 136.47 MBH, 208V/60Hz/3Ph, 17.6 RLA (1), 23.2 RLA (2), 13.6 FLA (evap. fan), 1.3 FLA (cond. fan), 64.1 MCA/80 MOCP, 2500 LBS. 1. All units shall have barometric relief. 2. All units shall have insulated roof curbs that match roof slope. 3. All units shall be manufactured for single point electrical connection. 4. Provide hail guards excluding units with V bank coils. 5. Provide enthalpy-controlled economizers.	EA	1	0%	1	3.200	\$ 120.00	\$ 384.00	\$ 5,200.00	\$ 5,584.00	\$ 5,584.00

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78	MEP1.00, MEP1.02, MEP1.03, MEP1.04, MEP1.05, MEP1.06, M2.02, M2.02, M2.03, M2.04, M2.05 & M2.06		RTU-5: Rooftop Unit, Carrier 595C2D040, 3 TONS, 1200 CFM, 77.3 DB/64.1 WB, 30.55 MCA/15 MOCP, 11.6 RLA, 5.1 FLA (evap. fan), 1.5 FLA (cond. fan), 2 MCA/15 MOCP, 750 LBS. 1. All units shall have 1/2" thick gaskets that match roof slope. 2. All units shall be manufactured for single point electrical connection. 3. All units shall be manufactured for single point electrical connection. 4. Provide hangers for all units excluding units with V bank coils. 5. Provide energy efficient economizers.	EA	1	0%	1	3.200	\$ 120.00	\$ 384.00	\$ 3,102.00	\$ 3,486.00	\$ 3,486.00
79			ROOFTOP UNIT DETAIL										
80		M4.01	Duct Split System W/Gas Heat, CARRIER 595C2D060, 0.5 E.S.P. (WG), 60 MBH, 115V/1Ph, 9.6 MCA/15 MOCP, 132 LBS, Cooling Coil: Cooling Coil CAPMP1917, 79.6 DB/65.2 WB, 18.0 MBH, 62LBS	EA	10	0%	10	0.650	\$ 65.00	\$ 42.25	\$ 125.99	\$ 168.24	\$ 1,682.40
			SPLIT SYSTEM										
81			AHU-1: Split System W/Gas Heat, CARRIER 595C2D040, 0.5 E.S.P. (WG), 60 MBH, 115V/1Ph, 9.6 MCA/15 MOCP, 132 LBS, Cooling Coil: Cooling Coil CAPMP1917, 79.6 DB/65.2 WB, 18.0 MBH, 62LBS	EA	1	0%	1	3.800	\$ 120.00	\$ 456.00	\$ 1,462.00	\$ 1,918.00	\$ 1,918.00
82			AHU-2: Split System W/Gas Heat, CARRIER 595C2D080, 0.5 E.S.P. (WG), 80 MBH, 115V/1Ph, 9.6 MCA/15 MOCP, 150 LBS, Cooling Coil: Cooling Coil CAPMP4821, 78.5 DB/64.7 WB, 48.0 MBH, 84LBS	EA	1	0%	1	3.800	\$ 120.00	\$ 456.00	\$ 1,682.00	\$ 2,138.00	\$ 2,138.00
83			AHU-3: Split System W/Gas Heat, CARRIER 595C2D080, 0.5 E.S.P. (WG), 80 MBH, 115V/1Ph, 9.6 MCA/15 MOCP, 150 LBS, Cooling Coil: Cooling Coil CAPMP3617, 78.5 DB/64.7 WB, 36.0 MBH, 67LBS	EA	1	0%	1	3.800	\$ 120.00	\$ 456.00	\$ 1,596.00	\$ 2,052.00	\$ 2,052.00
84			AHU-4: Split System W/Gas Heat, CARRIER 595C2D080, 0.5 E.S.P. (WG), 80 MBH, 115V/1Ph, 9.6 MCA/15 MOCP, 150 LBS, Cooling Coil: Cooling Coil CAPMP4821, 78.5 DB/64.7 WB, 48.0 MBH, 84LBS	EA	1	0%	1	3.800	\$ 120.00	\$ 456.00	\$ 1,682.00	\$ 2,138.00	\$ 2,138.00
85			AHU-5: Split System W/Gas Heat, CARRIER 595C2D060, 0.5 E.S.P. (WG), 60 MBH, 115V/1Ph, 9.6 MCA/15 MOCP, 132 LBS, Cooling Coil: Cooling Coil CAPMP3617, 78.5 DB/64.7 WB, 36.0 MBH, 67LBS	EA	1	0%	1	3.800	\$ 120.00	\$ 456.00	\$ 1,596.00	\$ 2,052.00	\$ 2,052.00
86			AHU-6: Split System W/Gas Heat, CARRIER 595C2D080, 0.5 E.S.P. (WG), 80 MBH, 115V/1Ph, 9.6 MCA/15 MOCP, 150 LBS, Cooling Coil: Cooling Coil CAPMP4821, 78.5 DB/64.7 WB, 48.0 MBH, 84LBS	EA	1	0%	1	3.800	\$ 120.00	\$ 456.00	\$ 1,682.00	\$ 2,138.00	\$ 2,138.00
87			AHU-7: Split System W/Gas Heat, CARRIER 595C2D060, 0.5 E.S.P. (WG), 60 MBH, 115V/1Ph, 9.6 MCA/15 MOCP, 132 LBS, Cooling Coil: Cooling Coil CAPMP4221, 78.5 DB/64.7 WB, 42.0 MBH, 78LBS	EA	1	0%	1	3.800	\$ 120.00	\$ 456.00	\$ 1,596.00	\$ 2,052.00	\$ 2,052.00
88			AHU-8: Split System W/Gas Heat, CARRIER 595C2D080, 0.5 E.S.P. (WG), 80 MBH, 115V/1Ph, 9.6 MCA/15 MOCP, 150 LBS, Cooling Coil: Cooling Coil CAPMP4821, 78.5 DB/64.7 WB, 48.0 MBH, 84LBS	EA	1	0%	1	3.800	\$ 120.00	\$ 456.00	\$ 1,682.00	\$ 2,138.00	\$ 2,138.00
89			AHU-9: Split System W/Gas Heat, CARRIER 595C2D080, 0.5 E.S.P. (WG), 80 MBH, 115V/1Ph, 9.6 MCA/15 MOCP, 150 LBS, Cooling Coil: Cooling Coil CAPMP4821, 78.5 DB/64.7 WB, 48.0 MBH, 84LBS	EA	1	0%	1	3.800	\$ 120.00	\$ 456.00	\$ 1,682.00	\$ 2,138.00	\$ 2,138.00
90			AHU-10: Split System W/Gas Heat, CARRIER 595C2D080, 0.5 E.S.P. (WG), 80 MBH, 115V/1Ph, 9.6 MCA/15 MOCP, 150 LBS, Cooling Coil: Cooling Coil CAPMP4821, 78.5 DB/64.7 WB, 48.0 MBH, 84LBS	EA	1	0%	1	3.800	\$ 120.00	\$ 456.00	\$ 1,682.00	\$ 2,138.00	\$ 2,138.00
91			AHU-11: Split System W/Gas Heat, CARRIER 595C2D080, 0.5 E.S.P. (WG), 80 MBH, 115V/1Ph, 9.6 MCA/15 MOCP, 150 LBS, Cooling Coil: Cooling Coil CAPMP4821, 78.5 DB/64.7 WB, 48.0 MBH, 84LBS	EA	1	0%	1	3.800	\$ 120.00	\$ 456.00	\$ 1,682.00	\$ 2,138.00	\$ 2,138.00
92			CU-1: Condensing Unit, CARRIER 24SCA518, 1.5 TONS, 208V/1Ph, 8.8 RLA, 11.4 MCA/20 MOCP, 113 LBS	EA	1	0%	1	3.800	\$ 120.00	\$ 456.00	\$ 3,125.00	\$ 3,581.00	\$ 3,581.00
93			CU-2: Condensing Unit, CARRIER 24SCA548, 4.0 TONS, 208V/1Ph, 25 RLA, 32.8 MCA/50 MOCP, 199 LBS	EA	1	0%	1	3.800	\$ 120.00	\$ 456.00	\$ 3,419.00	\$ 3,875.00	\$ 3,875.00
94			CU-3: Condensing Unit, CARRIER 24SCA536, 3.0 TONS, 208V/1Ph, 12.2 RLA, 16.7 MCA/25 MOCP, 169 LBS	EA	1	0%	1	3.800	\$ 120.00	\$ 456.00	\$ 3,302.00	\$ 3,838.00	\$ 3,838.00
95			CU-4: Condensing Unit, CARRIER 24SCA548, 4.0 TONS, 208V/1Ph, 25 RLA, 32.8 MCA/50 MOCP, 199 LBS	EA	1	0%	1	3.800	\$ 120.00	\$ 456.00	\$ 3,419.00	\$ 3,875.00	\$ 3,875.00
96			CU-5: Condensing Unit, CARRIER 24SCA536, 3.0 TONS, 208V/1Ph, 12.2 RLA, 16.7 MCA/25 MOCP, 169 LBS	EA	1	0%	1	3.800	\$ 120.00	\$ 456.00	\$ 3,385.00	\$ 3,841.00	\$ 3,841.00
97			CU-6: Condensing Unit, CARRIER 24SCA548, 4.0 TONS, 208V/1Ph, 25 RLA, 32.8 MCA/50 MOCP, 199 LBS	EA	1	0%	1	3.800	\$ 120.00	\$ 456.00	\$ 3,419.00	\$ 3,875.00	\$ 3,875.00
98			CU-7: Condensing Unit, CARRIER 24SCA542, 3.5 TONS, 208V/1Ph, 25 RLA, 32.8 MCA/50 MOCP, 199 LBS	EA	1	0%	1	3.800	\$ 120.00	\$ 456.00	\$ 3,419.00	\$ 3,875.00	\$ 3,875.00
99			CU-8: Condensing Unit, CARRIER 24SCA548, 4.0 TONS, 208V/1Ph, 25 RLA, 32.8 MCA/50 MOCP, 199 LBS	EA	1	0%	1	3.800	\$ 120.00	\$ 456.00	\$ 3,419.00	\$ 3,875.00	\$ 3,875.00
100			CU-9: Condensing Unit, CARRIER 24SCA548, 4.0 TONS, 208V/1Ph, 25 RLA, 32.8 MCA/50 MOCP, 199 LBS	EA	1	0%	1	3.800	\$ 120.00	\$ 456.00	\$ 3,419.00	\$ 3,875.00	\$ 3,875.00
101			CU-10: Condensing Unit, CARRIER 24SCA548, 4.0 TONS, 208V/1Ph, 25 RLA, 32.8 MCA/50 MOCP, 199 LBS	EA	1	0%	1	3.800	\$ 120.00	\$ 456.00	\$ 3,419.00	\$ 3,875.00	\$ 3,875.00
102			CU-11: Condensing Unit, CARRIER 24SCA548, 4.0 TONS, 208V/1Ph, 25 RLA, 32.8 MCA/50 MOCP, 199 LBS	EA	1	0%	1	3.800	\$ 120.00	\$ 456.00	\$ 3,419.00	\$ 3,875.00	\$ 3,875.00
			DEDICATED OUTDOOR AIR SYSTEM										
103			DOAS-1: Outside Air Unit, CARRIER 62XM128KFAHJFKBR, 12 TONS, Dehumidification: 4500 CFM, 148.60 MBH, Heating: 4500 CFM, 100 MBH, Energy Conservation: 4500 CFM (outside air), 6100 CFM (exhaust air), 134.84 MBH, Supply Fan: 4500 CFM, 7.5 HP, Exhaust Fan: 6100 CFM, 7.5 HP, Electrical: 208V/60Hz/3Ph, 20.4 RLA, 20.5 FLA (supply fan), 20.5 FLA (power exhaust), 3 FLA (cond. fan), 95.3 MCA/110 MOCP. 1. Supply ANS exhaust fan motor with VFD. 2. Provide Hall Guards.	EA	1	0%	1	3.400	\$ 120.00	\$ 408.00	\$ 3,455.00	\$ 3,863.00	\$ 3,863.00
			DAMPERS										
104			4" Dia Motorized Damper	EA	1	0%	1	0.385	\$ 65.00	\$ 25.03	\$ 173.12	\$ 198.15	\$ 198.15
105			6" Dia Motorized Damper	EA	2	0%	2	0.520	\$ 65.00	\$ 33.80	\$ 218.30	\$ 251.80	\$ 503.60
106			8" Dia Motorized Damper	EA	6	0%	6	0.560	\$ 65.00	\$ 36.40	\$ 225.32	\$ 261.72	\$ 1,570.32
107			16"x10" Motorized Damper	EA	1	0%	1	0.510	\$ 65.00	\$ 33.15	\$ 201.25	\$ 234.40	\$ 234.40
108			6" Dia Volume Damper	EA	11	0%	11	0.230	\$ 65.00	\$ 14.95	\$ 62.30	\$ 77.25	\$ 849.75
109			8" Dia Volume Damper	EA	19	0%	19	0.250	\$ 65.00	\$ 16.25	\$ 75.50	\$ 91.25	\$ 1,733.75
110			8"x6" Volume Damper	EA	2	0%	2	0.310	\$ 65.00	\$ 20.15	\$ 56.32	\$ 76.47	\$ 152.94
111			8"x8" Volume Damper	EA	33	0%	33	0.340	\$ 65.00	\$ 22.10	\$ 63.20	\$ 85.30	\$ 2,814.90
112			10" Dia Volume Damper	EA	15	0%	15	0.410	\$ 65.00	\$ 26.65	\$ 78.00	\$ 104.65	\$ 1,569.75
113			10"x10" Volume Damper	EA	4	0%	4	0.420	\$ 65.00	\$ 27.30	\$ 81.00	\$ 108.30	\$ 433.20
114			12" Dia Volume Damper	EA	62	0%	62	0.450	\$ 65.00	\$ 29.25	\$ 89.23	\$ 118.48	\$ 7,345.76
115			12"x10" Volume Damper	EA	4	0%	4	0.470	\$ 65.00	\$ 30.55	\$ 95.00	\$ 125.55	\$ 502.20
116			12"x12" Volume Damper	EA	2	0%	2	0.490	\$ 65.00	\$ 31.85	\$ 98.00	\$ 129.85	\$ 259.70
117			14"x12" Volume Damper	EA	4	0%	4	0.510	\$ 65.00	\$ 33.15	\$ 105.00	\$ 138.15	\$ 552.60
118			16"x14" Volume Damper	EA	3	0%	3	0.530	\$ 65.00	\$ 34.45	\$ 112.00	\$ 146.45	\$ 439.35
119			18"x14" Volume Damper	EA	4	0%	4	0.550	\$ 65.00	\$ 35.75	\$ 125.00	\$ 160.75	\$ 643.00
120			20"x14" Volume Damper	EA	3	0%	3	0.590	\$ 65.00	\$ 38.35	\$ 136.20	\$ 174.55	\$ 523.65
121			24"x18" Volume Damper	EA	1	0%	1	0.620	\$ 65.00	\$ 40.30	\$ 140.32	\$ 188.62	\$ 188.62

DETAILED BREAKDOWN OF ITEMS

Prepared For: Driftwood Community, Creek Parcel: 214 Thurman Roberts Way Driftwood, Texas 78619
 Project ID: 5122022
 Scope: HVAC



Let's Win This Bid Together! Your Vision, Our Commitment

Date: 7-Dec-22

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MAN/HR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
122			48"x30" Volume Damper	EA	1	0%	1	0.850	\$ 65.00	\$ 55.25	\$ 210.30	\$ 265.55	\$ 265.55
			EXHAUST FAN										
123			EF-1: Exhaust Fan, GREENHECK GR-081, 57" Dia, 1/6 HP, 115V/1Ph, 55 LBS. 1. Backdraft Damper. 2. Bird screen/Wire Guard. 3. Provide Insulated Roof Curbs. Sloped Roofs shall have Sloped Roof Curbs.	EA	1	0%	1	1.800	\$ 65.00	\$ 117.00	\$ 2,181.00	\$ 2,298.00	\$ 2,298.00
124			EF-2: Exhaust Fan, GREENHECK GR-081, 57" Dia, 1/6 HP, 115V/1Ph, 55 LBS. 1. Backdraft Damper. 2. Bird screen/Wire Guard. 3. Provide Insulated Roof Curbs. Sloped Roofs shall have Sloped Roof Curbs.	EA	1	0%	1	1.800	\$ 65.00	\$ 117.00	\$ 2,181.00	\$ 2,298.00	\$ 2,298.00
125			KEF-1: Exhaust Fan, 1500 CFM, 1/4 HP, 115V/1Ph. 1. Backdraft Damper. 2. Bird screen/Wire Guard. 3. Provide Insulated Roof Curbs. Sloped Roofs shall have Sloped Roof Curbs.	EA	1	0%	1	1.800	\$ 65.00	\$ 117.00	\$ 1,850.00	\$ 1,967.00	\$ 1,967.00
126			KEF-2: Exhaust Fan, 1500 CFM, 3/4 HP, 115V/1Ph. 1. Backdraft Damper. 2. Bird screen/Wire Guard. 3. Provide Insulated Roof Curbs. Sloped Roofs shall have Sloped Roof Curbs.	EA	1	0%	1	1.800	\$ 65.00	\$ 117.00	\$ 1,850.00	\$ 1,967.00	\$ 1,967.00
127			KEF-4: Exhaust Fan, 2875 CFM, 2 HP, 208V/3Ph. 1. Backdraft Damper. 2. Bird screen/Wire Guard. 3. Provide Insulated Roof Curbs. Sloped Roofs shall have Sloped Roof Curbs.	EA	1	0%	1	1.800	\$ 65.00	\$ 117.00	\$ 2,340.00	\$ 2,457.00	\$ 2,457.00
128			KEF-5: Exhaust Fan, 2367 CFM, 1.5 HP, 208V/3Ph. 1. Backdraft Damper. 2. Bird screen/Wire Guard. 3. Provide Insulated Roof Curbs. Sloped Roofs shall have Sloped Roof Curbs.	EA	1	0%	1	1.800	\$ 65.00	\$ 117.00	\$ 2,340.00	\$ 2,457.00	\$ 2,457.00
129			KEF-7: Exhaust Fan, 350 CFM, 1/4 HP, 115V/1Ph. 1. Backdraft Damper. 2. Bird screen/Wire Guard. 3. Provide Insulated Roof Curbs. Sloped Roofs shall have Sloped Roof Curbs.	EA	1	0%	1	1.800	\$ 65.00	\$ 117.00	\$ 850.00	\$ 967.00	\$ 967.00
			EXHAUST FAN DETAIL										
130			Spun Aluminum Housing W/ Removable Dome	EA	7	0%	7	0.350	\$ 65.00	\$ 22.75	\$ 104.30	\$ 127.05	\$ 889.35
131			V-Belt Drive	EA	7	0%	7	0.230	\$ 65.00	\$ 14.95	\$ 49.59	\$ 64.54	\$ 451.78
132			Motor out of Air Stream	EA	7	0%	7	0.650	\$ 65.00	\$ 42.25	\$ 350.00	\$ 392.25	\$ 2,745.75
133			Vibration Isolator	EA	7	0%	7	0.230	\$ 65.00	\$ 14.95	\$ 11.35	\$ 26.30	\$ 184.10
134			Centrifugal Fan Wheel	EA	7	0%	7	0.350	\$ 65.00	\$ 22.75	\$ 191.00	\$ 213.75	\$ 1,496.25
135			Aluminum Bird Screen All Around	EA	7	0%	7	0.450	\$ 65.00	\$ 29.25	\$ 123.00	\$ 152.25	\$ 1,065.75
136			Hinge (For Access To Ductwork)	EA	7	0%	7	0.120	\$ 65.00	\$ 7.80	\$ 19.02	\$ 26.82	\$ 187.74
137			Secure Fan To Roof Curb W/ #8 Sht. Metal Screws W/ Zinc Chromate Finish. Locate Screws 8" O.C. & Seal W/ Clear Silicon Rubber Caulking	EA	14	0%	14	1.250	\$ 65.00	\$ 81.25	\$ 312.23	\$ 393.48	\$ 5,508.72
138			Gravity Shutter	EA	49	0%	49	0.340	\$ 65.00	\$ 22.10	\$ 127.90	\$ 150.00	\$ 7,350.00
			HOOD										
139			Kitchen Exhaust Hood, 12" Neck Size, 1500 CFM	EA	2	0%	2	2.100	\$ 120.00	\$ 252.00	\$ 1,220.00	\$ 1,472.00	\$ 2,944.00
140			Kitchen Exhaust Hood, 16" Neck Size, 2367 CFM	EA	1	0%	1	2.100	\$ 120.00	\$ 252.00	\$ 1,652.00	\$ 1,904.00	\$ 1,904.00
141			Kitchen Exhaust Hood, 16" Neck Size, 2875 CFM	EA	1	0%	1	2.100	\$ 120.00	\$ 252.00	\$ 1,652.00	\$ 1,904.00	\$ 1,904.00
			MAKEUP AIR UNIT										
142			MUA-3: Make-Up Air Unit, CAPTIVEAIRE, 2400 CFM, 1372 LBS, Motor Information: 1.5 HP, 208V/60C/3P, 1147 RPM, 9.5 MCA/15 MOP, Heating: Natural Gas, 142 MBH, Cooling: 51.3 MBH, Condenser: 208V/60C/3P, 21.4 MCA/30 MOC (Condenser 1)	EA	1	0%	1	3.200	\$ 120.00	\$ 384.00	\$ 7,739.00	\$ 7,739.00	\$ 7,739.00
143			MUA-6: Make-Up Air Unit, CAPTIVEAIRE, 4239 CFM, 1570 LBS, Motor Information: 5 HP, 208V/60C/3P, 1748 RPM, 20 MCA/30 MOP, Heating: Natural Gas, 251 MBH, Cooling: 86.9 MBH, Condenser: 208V/60C/3P, 14.5 MCA/20 MOC (Condenser 1), 21.4 MCA/30 MOC (Condenser 2)	EA	1	0%	1	3.200	\$ 120.00	\$ 384.00	\$ 10,187.00	\$ 10,187.00	\$ 10,187.00
			HEATER										
144			WEH-1: Electric Heater, MARLEY WH3150FC, 1.5 KW, 120V/1Ph, 1.25 AMP. 1. Provide integral thermostat.	EA	1	0%	1	2.890	\$ 346.00	\$ 1,000.00	\$ 1,052.00	\$ 1,398.80	\$ 1,398.80
			DUCT WEIGHT										
145			Galvanized Sheet Metal Duct Weight	LB	12400	10%	13640	0.04	\$ 6.25	\$ 2.67	\$ 4.86	\$ 7.53	\$ 102,641.00
			DUCT LINER										
146		Thickness Assumed	1-1/2" Thick, Duct Liner Insulation	SF	2597	10%	2857	0.00	\$ 1.80	\$ 1.82	\$ 1.80	\$ 3.62	\$ 10,341.25
			DUCT INSULATION										
147		Assumed	1-1/2" Thick, Fiberglass Duct Insulation	SF	7846	10%	8631	0.032	\$ 65.00	\$ 2.08	\$ 2.56	\$ 4.64	\$ 40,045.98
			MISCELLANEOUS										
148			CO2 Sensor	EA	2	0%	2	0.00	\$ 65.00	\$ 29.25	\$ 210.00	\$ 239.25	\$ 478.50
149			Humidistat	EA	2	0%	2	0.560	\$ 65.00	\$ 36.40	\$ 280.00	\$ 316.40	\$ 632.80
150			Thermostat	EA	13	0%	13	0.530	\$ 65.00	\$ 34.45	\$ 277.00	\$ 311.45	\$ 4,048.85
151			Cooling System (For Wine Cellar Cabinet)	EA	1	0%	1	0.890	\$ 65.00	\$ 57.85	\$ 1,560.00	\$ 1,617.85	\$ 1,617.85
152			28"x12" Makeup Air Duct Connection, 694 CFM	EA	3	0%	3	0.760	\$ 65.00	\$ 49.40	\$ 215.00	\$ 264.40	\$ 793.20
153			28"x12" Makeup Air Duct Connection, 718 CFM	EA	3	0%	3	0.760	\$ 65.00	\$ 49.40	\$ 215.00	\$ 264.40	\$ 793.20
154			28"x12" Makeup Air Duct Connection, 800 CFM	EA	3	0%	3	0.760	\$ 65.00	\$ 49.40	\$ 215.00	\$ 264.40	\$ 793.20
155			132"x4" Return Air Opening (On The Cove)	EA	1	0%	1	0.720	\$ 65.00	\$ 46.80	\$ 312.00	\$ 358.80	\$ 358.80
156			3" Dia VTR, Vent Through Roof	EA	1	0%	1	0.450	\$ 65.00	\$ 29.25	\$ 75.00	\$ 104.25	\$ 104.25
157			4" Dia VTR, Vent Through Roof	EA	1	0%	1	0.450	\$ 65.00	\$ 29.25	\$ 84.00	\$ 113.25	\$ 113.25
158			8" Dia Flexible Connection	EA	1	0%	1	0.550	\$ 65.00	\$ 35.75	\$ 104.00	\$ 139.75	\$ 139.75
159			10"x10" Flexible Connection	EA	1	0%	1	0.320	\$ 65.00	\$ 20.80	\$ 25.00	\$ 45.80	\$ 45.80
160			12"x10" Flexible Connection	EA	2	0%	2	0.320	\$ 65.00	\$ 20.80	\$ 28.60	\$ 49.40	\$ 98.80
161			12"x12" Flexible Connection	EA	3	0%	3	0.320	\$ 65.00	\$ 20.80	\$ 32.45	\$ 53.25	\$ 159.75
162			14"x12" Flexible Connection	EA	1	0%	1	0.320	\$ 65.00	\$ 20.80	\$ 38.90	\$ 59.70	\$ 59.70
163			16"x14" Flexible Connection	EA	2	0%	2	0.390	\$ 65.00	\$ 25.35	\$ 42.34	\$ 67.69	\$ 135.38
164			16"x16" Flexible Connection	EA	4	0%	4	0.390	\$ 65.00	\$ 25.35	\$ 45.67	\$ 71.02	\$ 284.08
165			18"x12" Flexible Connection	EA	1	0%	1	0.390	\$ 65.00	\$ 25.35	\$ 57.00	\$ 83.15	\$ 83.15
166			18"x14" Flexible Connection	EA	2	0%	2	0.390	\$ 65.00	\$ 25.35	\$ 60.60	\$ 85.95	\$ 171.90
167			20"x14" Flexible Connection	EA	1	0%	1	0.430	\$ 65.00	\$ 27.95	\$ 64.50	\$ 92.45	\$ 92.45
168			20"x16" Flexible Connection	EA	1	0%	1	0.430	\$ 65.00	\$ 27.95	\$ 65.80	\$ 93.75	\$ 93.75
169			22"x16" Flexible Connection	EA	1	0%	1	0.430	\$ 65.00	\$ 27.95	\$ 70.50	\$ 98.45	\$ 98.45
170			26"x14" Flexible Connection	EA	1	0%	1	0.480	\$ 65.00	\$ 31.20	\$ 75.60	\$ 106.80	\$ 106.80
171			32"x16" Flexible Connection	EA	1	0%	1	0.520	\$ 65.00	\$ 33.80	\$ 84.60	\$ 118.40	\$ 118.40
172			34"x16" Flexible Connection	EA	1	0%	1	0.520	\$ 65.00	\$ 33.80	\$ 86.50	\$ 120.30	\$ 120.30
173			34"x18" Flexible Connection	EA	1	0%	1	0.520	\$ 65.00	\$ 33.80	\$ 88.90	\$ 122.70	\$ 122.70
174			36"x16" Flexible Connection	EA	1	0%	1	0.520	\$ 65.00	\$ 33.80	\$ 92.30	\$ 126.10	\$ 126.10
175			46"x18" Flexible Connection	EA	2	0%	2	0.580	\$ 65.00	\$ 37.70	\$ 104.00	\$ 141.70	\$ 283.40

DETAILED BREAKDOWN OF ITEMS

Prepared For: Driftwood Community, Creek Parcel: 214 Thurman Roberts Way Driftwood, Texas 78619
 Project ID: 5122022
 Scope: HVAC



Let's Win This Bid Together! Your Vision, Our Commitment

Date: 7-Dec-22

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTIT Y	WASTAG E	QUANTITY W/ WASTAGE	UNIT MAN/ HOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
			PVC COUPLING:										
176			4" Dia	EA	18	0%	18	0.180	\$ 65.00	\$ 11.70	\$ 20.67	\$ 32.37	\$ 582.66
			PIPE SUPPORTS:										
177			3/8" Dia Adjustable Clevis	EA	73	0%	73	0.056	\$ 65.00	\$ 3.64	\$ 2.65	\$ 6.29	\$ 459.17
178			5/8" Dia Adjustable Clevis	EA	73	0%	73	0.058	\$ 65.00	\$ 3.77	\$ 3.20	\$ 6.97	\$ 508.81
179			3/4" Dia Adjustable Manhole	EA	80	0%	80	0.060	\$ 65.00	\$ 3.90	\$ 3.86	\$ 7.76	\$ 620.80
180			4" Dia Adjustable Manhole	EA	18	0%	18	0.100	\$ 65.00	\$ 6.50	\$ 7.65	\$ 14.15	\$ 254.70
181			3/8" Dia Threaded Rod (1/2" Dia, 1 FT)	EA	226	0%	226	0.120	\$ 65.00	\$ 7.80	\$ 5.90	\$ 13.70	\$ 3,096.20
182			1/2" Dia Threaded Rod (3/4" Dia, 1 FT)	EA	18	0%	18	0.100	\$ 65.00	\$ 6.50	\$ 6.25	\$ 12.75	\$ 229.50
			DUCT SUPPORTS:										
183			3/8" Dia Threaded Rod (1/2" Dia, 1 FT)	EA	518	0%	518	0.120	\$ 65.00	\$ 7.80	\$ 5.90	\$ 13.70	\$ 7,096.60
184			1/2" Dia Threaded Rod (3/4" Dia, 1 FT)	EA	259	0%	259	0.100	\$ 65.00	\$ 6.50	\$ 4.52	\$ 11.02	\$ 2,854.18
SUBTOTAL												\$	407,752.30
										PROJECTED COST			\$442,752
OVERHEAD AND PROFIT										0.15	0.15	15%	\$66,413
INSURANCE										0.03	0.03	3%	\$13,283
CONTINGENCY										0.05	0.05	5%	\$22,138
TAX										0.0625	0.0625	6.25%	\$18,755
SUGGESTED BID													\$563,341

Note:

- Please verify the equipment's and their prices with owner.
- For tree plantation average prices are use. Please verify according to tree type.
- Online sources are used for pricing.
- Prices can vary depending upon field conditions.