

Equipment List

Equip. No.	Name	Size	Comment	DP psig	Design Opp. Press.	Design Opp. Temp	Material	Cost	Exended Cost
16-1	Instrument air comp.	30 hp	120 SCFM		125			\$28,300.00	\$28,300.00
95-37	Wet air receiver	36"ID x 8'-0" S/S			153	150		-	
95-41	Dry air receiver	36"ID x 8'-0" S/S			153	150		-	
25-1	Instrument air dryer		120 SCFM		100	110		-	
16-3	Propane compressor	3000 hp	41 MMSCFD		40/350			\$2,500,000.00	\$2,500,000.00
24-1	Product cooler	1.6 MMBtu/hr	2 fan arial cooler		660			\$13,200.00	\$13,200.00
24-3	Refrigeration gas cooler	24 MMBtu/hr	4 bay arial cooler		350			\$197,300.00	\$197,300.00
36-1	Hot oil heater	18 MMBtu/hr			50			\$144,000.00	\$144,000.00
41-10	Gas-gas exchanger	4.4 MMBtu/hr			685			\$36,200.00	\$36,200.00
41-13	O'head condenser	15.7 MMBtu/hr			685			\$129,100.00	\$129,100.00
41-17	Reboiler	48" ID x 6'-0" S/S	Duty: 14 MMBtu/hr		660	310		\$115,100.00	\$115,100.00
67-10	Reflux pump	465 gpm		$\Delta p = 25$ psi				\$15,000.00	\$15,000.00
67-12	Hot oil circ. pump	1000 gpm		$\Delta p = 50$ psi				\$30,000.00	\$30,000.00
67-16	Truck loading pump	135 gpm		$\Delta p = 30$ psi				\$7,500.00	\$7,500.00
95-17	Overhead receiver	48" ID x 6'-0" S/S			660	150		\$70,500.00	\$70,500.00
95-21	Propane surge drum	60"ID x 15'-0" S/S	horizontal		335	150		\$26,500.00	\$26,500.00
95-24	Refrig economizer	60"ID x 30'0" S/S	vertical		155	91		\$53,000.00	\$53,000.00
95-25	Refrig suction scrubber	60"ID x 30'0" S/S	vertical		40	19		\$53,000.00	\$53,000.00
95-27a/b/c/d	Propane bullet		30,000 gal bullet		200	120		\$181,500.00	\$726,000.00
95-29	Propane storage	95-1/4" ID x 21'-10-3/8" S/S	10,000 gal, horizontal		200	120		\$60,500.00	\$60,500.00
95-114	NGL stabilizer	66" ID x 80'-0" S/S	20 tray		685	310		\$158,300.00	\$158,300.00
95-119	Inlet gas scrubber	96" x 28'-0" S/S			685	104		\$60,500.00	\$60,500.00
95-34	Sump	48" OD x 6'-0" S/S	480 gal					\$3,700.00	\$3,700.00
67-14	Sump pump	30 gpm		$\Delta p = 30$ psi				\$730.00	\$730.00
	Amine plant	30 gpm	72" ID x 26'-0" S/S		200			\$325,000.00	\$325,000.00
	Lube oil tank	575 gal						\$410.00	\$410.00
	Pipe rack							\$30,000.00	\$30,000.00
	Valves < 2"							\$28,000.00	\$28,000.00
	Pipe & Fittings							\$208,000.00	\$208,000.00
	MCC Building							\$44,500.00	\$44,500.00
	Control valves							\$128,000.00	\$128,000.00
	Mech/Civil Eng.							\$135,000.00	\$135,000.00
	Elect Eng							\$304,320.00	\$304,320.00
	Electrical							\$1,730,000.00	\$1,730,000.00
	Flare							\$99,500.00	\$99,500.00
	Misc.							\$496,725.00	\$496,725.00

Total \$7,461,160.00

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95-41	Dry air receiver	36"ID x 8'-0" S/S			153	150		-	
25-1	Instrument air dryer		120 SCFM		100	110		-	
16-3	Propane compressor	3000 hp	41 MMSCFD		40/350			\$2,500,000.00	\$2,500,000.00
24-1	Product cooler	1.6 MMBtu/hr	2 fan arial cooler		660			\$13,200.00	\$13,200.00
24-3	Refrigeration gas cooler	24 MMBtu/hr	4 bay arial cooler		350			\$197,300.00	\$197,300.00
36-1	Hot oil heater	18 MMBtu/hr			50			\$144,000.00	\$144,000.00
41-10	Gas-gas exchanger	4.4 MMBtu/hr			685			\$36,200.00	\$36,200.00
41-13	O'head condenser	15.7 MMBtu/hr			685			\$129,100.00	\$129,100.00
41-17	Reboiler	48" ID x 6'-0" S/S	Duty: 14 MMBtu/hr		660	310		\$115,100.00	\$115,100.00
67-10	Reflux pump	465 gpm		$\Delta p = 25$ psi				\$15,000.00	\$15,000.00
67-12	Hot oil circ. pump	1000 gpm		$\Delta p = 50$ psi				\$30,000.00	\$30,000.00
67-16	Truck loading pump	135 gpm		$\Delta p = 30$ psi				\$7,500.00	\$7,500.00
95-17	Overhead receiver	48" ID x 6'-0" S/S			660	150		\$70,500.00	\$70,500.00
95-21	Propane surge drum	60"ID x 15'-0" S/S	horizontal		335	150		\$26,500.00	\$26,500.00
95-24	Refrig economizer	60"ID x 30'0" S/S	vertical		155	91		\$53,000.00	\$53,000.00
95-25	Refrig suction scrubber	60"ID x 30'0" S/S	vertical		40	19		\$53,000.00	\$53,000.00
95-27a/b/c/d	Propane bullet		30,000 gal bullet		200	120		\$181,500.00	\$726,000.00
95-29	Propane storage	95-1/4" ID x 21'-10-3/8" S/S	10,000 gal, horizontal		200	120		\$60,500.00	\$60,500.00
95-114	NGL stabilizer	66" ID x 80'-0" S/S	20 tray		685	310		\$158,300.00	\$158,300.00
95-119	Inlet gas scrubber	96" x 28'-0" S/S			685	104		\$60,500.00	\$60,500.00
95-34	Sump	48" OD x 6'-0" S/S	480 gal					\$3,700.00	\$3,700.00
67-14	Sump pump	30 gpm		$\Delta p = 30$ psi				\$730.00	\$730.00
	Amine plant	30 gpm	72" ID x 26'-0" S/S		200			\$325,000.00	\$325,000.00
	Lube oil tank	575 gal						\$410.00	\$410.00
	Pipe rack							\$30,000.00	\$30,000.00
	Valves < 2"							\$28,000.00	\$28,000.00
	Pipe & Fittings							\$208,000.00	\$208,000.00
	MCC Building							\$44,500.00	\$44,500.00
	Control valves							\$128,000.00	\$128,000.00
	Mech/Civil Eng.							\$135,000.00	\$135,000.00
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16-3	Propane compressor	3000 hp	41 MMSCFD		40/350		3,000,000	\$2,600,000.00	\$2,600,000.00
24-1	Product cooler	1.6 MMBtu/hr	2 fan arial cooler		660			\$13,200.00	\$13,200.00
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95-114	NGL stabilizer	66" ID x 80'-0" S/S	20 tray		685	310		\$158,300.00	\$158,300.00
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67-14	Sump pump	30 gpm		$\Delta p = 30$ psi				\$730.00	\$730.00
	Amine plant	30 gpm	72" ID x 26'-0" S/S		200		LEASE \$10,400.00/mo.	\$325,000.00	\$325,000.00
	Lube oil tank	575 gal						\$410.00	\$410.00
	Pipe rack							\$30,000.00	\$30,000.00
	X Valves < 2"							\$28,000.00	\$28,000.00
	X Pipe & Fittings						168,000	\$208,000.00	\$208,000.00
	MCC Building						44,500	\$44,500.00	\$44,500.00
	Control valves						69,000	\$128,000.00	\$128,000.00
	Mech/Civil Eng.						135,000	\$135,000.00	\$135,000.00
	Elect Eng						152,000	\$304,320.00	\$304,320.00
	Electrical						520,000	\$1,730,000.00	\$1,730,000.00
	Flare						77,500	\$99,500.00	\$99,500.00
	Misc.						250,000	\$496,725.00	\$496,725.00

6 (2")
 1 (3")
 4 (4")
 1 (8")
 C.V.

5 (1x2)
 7 (2x3)
 1 (3x4)
 3 (4x6)
 P.S.V.

GET ROW TO REQUOTE

5,152,492

Total \$7,461,160.00