

ENGINEER CONSTRUCTION ESTIMATE

Project: Rangeland Products Terminals, LLC

Estimate #: 01

Estimate Date: February 5, 2018

Owner: Rangeland Products Terminals, LLC
Contact: Robert Singleton
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Project #:

Engineer: Munoz Engineering
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Project #:

Legend:

ADA = Americans with Disabilities Act	AC = Acre
Conc = Concrete	DY = Day
DI = Ductile Iron	EA = Each
HDPE = High Density Polyethylene	GAL = Gallon
HMAC = Hot Mix Asphaltic Concrete	LF = Linear Feet
HP = High-Performance Polypropylene	LS = Lump Sum
PVC = Polyvinyl Chloride	SF = Square Feet
RC = Reinforced Concrete	SY = Square Yards
RCP = Reinforced Concrete Pipe	W = White
Refl = Reflective	Y = Yellow
MJ = Mechanical Joint	

Notice:

This Engineer Construction Estimate is provided as a courtesy and for budget purposes. This Estimate is subject to change with little to no notice due to design requirements and fluctuations in prices. The actual cost of the Project will be determined upon the receipt of Bid(s) / Proposal(s) by the perspective Contractor(s).

PUBLIC ON-SITE IMPROVEMENTS

ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT	ESTIMATED UNIT PRICE	ESTIMATED TOTAL COST
MOBILIZATION AND TRAFFIC CONTROL					
1	Mobilization/Bonds/Insurance	1.00	LS	\$ 28,239.95	\$ 28,239.95
2	Traffic Control	1.00	LS	\$ 20,000.00	\$ 20,000.00
STORMWATER POLLUTION					
3	Pollution Information Sign	1.00	EA	\$ 800.00	\$ 800.00
4	Stabilized Construction Entrance & Exit	1.00	EA	\$ 6,500.00	\$ 6,500.00
5	Reinforced Filter Fabric Fence	100.00	LF	\$ 5.00	\$ 500.00
6	Fiber Filtration Tube	100.00	LF	\$ 6.50	\$ 650.00
7	Concrete Washout Fence	1.00	EA	\$ 3,200.00	\$ 3,200.00
8	Dewatering Fence	1.00	EA	\$ 2,400.00	\$ 2,400.00
9	Hydromulch Revegetation	8,900.00	SY	\$ 4.25	\$ 37,825.00
SITE WORK					
10	Site Preparation	1.00	AC	\$ 1,500.00	\$ 1,500.00
11	Site Grading	1.00	LS	\$ 10,000.00	\$ 10,000.00
SANITARY SEWER UTILITY					
12	Sanitary Utility 4" Poly Force Main	4,050.00	LF	\$ 32.00	\$ 129,600.00
13	Sanitary Utility Trench Safety	4,050.00	LF	\$ 10.00	\$ 40,500.00
14	Sanitary Utility Dewatering	3,500.00	LF	\$ 50.00	\$ 175,000.00
15	Sanitary Utility 4' Diameter Manhole - 0' - 7' Depth	4.00	EA	\$ 6,500.00	\$ 26,000.00
16	Sanitary Utility Air Release Valve	4.00	EA	\$ 1,200.00	\$ 4,800.00
17	Sanitary Utility 12" Steel Casing - Drainage Ditch	150.00	LF	\$ 50.00	\$ 7,500.00
18	Sanitary Utility Bore - Drainage Ditch	150.00	LF	\$ 300.00	\$ 45,000.00
19	Sanitary Utility 12" Steel Casing - Clarkwood	65.00	LF	\$ 50.00	\$ 3,250.00
20	Sanitary Utility Bore - Clarkwood	65.00	LF	\$ 300.00	\$ 19,500.00
21	Sanitary Utility Easement	0.47	AC	\$ 35,000.00	\$ 16,511.71
22	Sanitary Utility Construction Easement	0.63	AC	\$ 8,000.00	\$ 5,032.14
23	Sanitary Utility Fence Replacement	520.00	LF	\$ 32.00	\$ 16,640.00
PRIVATE SANITARY LIFT STATION					
24	Sanitary Lift Station - Grinder Pump and Electrical	2.00	LS	\$ 8,500.00	\$ 17,000.00
25	Sanitary Lift Station - Wetwell	1.00	LS	\$ 45,000.00	\$ 45,000.00
26	Sanitary Lift Station - Trench Safety - Wetwell	1.00	LS	\$ 15,000.00	\$ 15,000.00
27	Sanitary Lift Station - Dewatering	1.00	LS	\$ 12,500.00	\$ 12,500.00
28	Sanitary Lift Station - 7.5" Concrete Pavement	570.00	SF	\$ 22.00	\$ 12,540.00
29	Sanitary Lift Station - Rock	400.00	SF	\$ 8.50	\$ 3,400.00
30	Sanitary Lift Station - Fence - 8ft Privacy	100.00	LF	\$ 38.50	\$ 3,850.00

31	Sanitary Lift Station - Gate - Driveway Cantilever	1.00	LS		\$ 32,000.00	\$ 32,000.00
32	Sanitary Lift Station - Gate - Card Reader & Actuator	1.00	LS		\$ 12,000.00	\$ 12,000.00
					10.00% Contingency	\$ 75,423.88
					PUBLIC ON-SITE IMPROVEMENTS	\$ 829,662.68
PROFESSIONAL SERVICES						
ITEM NO.	DESCRIPTION	ESTIMATED QUANTITY	UNIT		ESTIMATED UNIT PRICE	ESTIMATED TOTAL COST
1	Civil Site Engineering	1.00	LS		\$ 66,373.01	\$ 66,373.01
2	Construction Administration - Type A	1.00	LS		\$ 9,126.29	\$ 9,126.29
2	Topographic Surveying	1.00	LS		\$ 8,296.63	\$ 8,296.63
3	Easement Documents	1.00	LS		\$ 12,000.00	\$ 12,000.00
4	City ROW Crossing Documents	1.00	LS		\$ 3,500.00	\$ 3,500.00
5	Nueces County Drainage Ditch Crossing Documents	1.00	LS		\$ 4,500.00	\$ 4,500.00
					PROFESSIONAL SERVICES	\$ 103,795.93

Estimated On-Site Construction Costs: \$ 829,662.68

Professional Services Costs: \$ 103,795.93

Total Estimated Construction Costs: \$ 933,458.61