

Engineer's Preliminary Opinion of Probable Construction Costs



**Texas Geo Tech
Engineering &
Land Surveying, Inc.**

Title: Wastewater and Lift Station Improvements

Date of Estimate: September 12, 2017

Owner: George Mostagahsi

Engineer: Juan Perales, P.E.

Contact:

Address:

Address: 5525 S. Staples Suite B2
Corpus Christi, Texas 78411

Phone:

Phone: (361) 993-0808

Fax:

Fax: (361) 993-2955

ESTIMATE SUMMARY

A. Preliminary Wastewater and Lift Station Improvements

ITEM NO.	DESCRIPTION	QUANTITY	UNIT		CONTRACT UNIT PRICE	TOTAL COST
WASTEWATER						
1	CLEARING & GRUBBING	1	LS		\$ 2,500.00	\$ 2,500.00
2	SEEDING & MULCHING	1	LS		\$ 2,250.00	\$ 2,250.00
3	EROSION CONTROL	1	LS		\$ 3,500.00	\$ 3,500.00
4	TRAFFIC CONTROL PLAN / PERMITTING	1	LS		\$ 12,000.00	\$ 12,000.00
5	TRENCH SAFETY FOR EXCAVATIONS	17,500	LF		\$ 2.00	\$ 35,000.00
6	8" PVC - WASTEWATER	1,150	LF		\$ 40.00	\$ 46,000.00
7	12" PVC - WASTEWATER	1,300	LF		\$ 50.00	\$ 65,000.00
8	24" PVC - WASTEWATER	3,100	LF		\$ 140.00	\$ 434,000.00
9	6" PVC - FORCE MAIN	13,000	LF		\$ 35.00	\$ 455,000.00
10	DUCTILE IRON FTTINGS	1	LS		\$ 5,000.00	\$ 5,000.00
11	AIR RELEASE VALVE W/BOLLARDS	12	EA		\$ 3,580.00	\$ 42,960.00
12	CONNECT TO MANHOLE	5	EA		\$ 1,000.00	\$ 5,000.00
13	FIBERGLASS MANHOLE	3	EA		\$ 3,200.00	\$ 9,600.00
14	PAVEMENT REPLACEMENT	500	SY		\$ 60.00	\$ 30,000.00
15	GRADING	1	LS		\$ 2,500.00	\$ 2,500.00
16	LIFT STATION - PEAK FLOW 1.5 MGD	1	LS		\$ 850,000.00	\$ 850,000.00
17	ENVIRONMENTAL EVAL. & MITIGATION	1	LS		\$ 50,000.00	\$ 50,000.00
Subtotal						\$ 2,050,310.00
18	CONSTRUCTION OVERHEAD	10%				\$ 205,031.00
19	ENGINEERING AND CONTINGENCIES	25%				\$ 512,577.50
A. Preliminary Wastewater and Lift Station Improvements						Total: \$ 2,767,918.50