Eng: Murf Hudson, P.E.
By: C.R.R.

Preliminary Wastewater Estimate
for

Sept. 11, 2017
Job No. 20417.B6.00

HARRIS ACRES SUBDIVISION

Corpus Christi, Texas

ITEM	DESCRIPTION	QUAN.	QUAN. + 10%	UNIT	UNIT PRICE	TOTAL COST
A. GRAVITY WASTEWATER ESTIMATE:						
1	15" PVC (18'-20' Cut)	1,287	1,416	LF	$150.00	$212,400.00
2	12" PVC (16'-18' Cut)	928	1,021	LF	$135.00	$137,835.00
3	12" PVC (14'-16' Cut)	1,000	1,100	LF	$120.00	$132,000.00
4	10" PVC (12'-14' Cut)	586	645	LF	$110.00	$70,950.00
5	10" PVC (10'-12' Cut)	689	758	LF	$95.00	$72,010.00
6	10" PVC (8'-10' Cut)	724	796	LF	$75.00	$59,700.00
7	8" PVC (6'-8' Cut)	500	550	LF	$37.50	$20,625.00
8	8" PVC (4'-6' Cut)	400	440	LF	$32.50	$14,300.00
9	Embedment	6,114	6,725	LF	$7.50	$50,437.50
10	OSHA Trench Protection	5,914	6,505	LF	$1.50	$9,757.50
11	Well Pointing	4,490	4,939	LF	$15.00	$74,085.00
12	6' Diameter Manhole (18'-20' Deep)	2	2	EA	$12,000.00	$24,000.00
13	6' Diameter Manhole (16'-18' Deep)	2	2	EA	$11,250.00	$22,500.00
14	6' Diameter Manhole (14'-16' Deep)	2	2	EA	$9,550.00	$19,100.00
15	6' Diameter Manhole (12'-14' Deep)	2	2	EA	$9,050.00	$18,100.00
16	4' Diameter Manhole (10'-12' Deep)	1	1	EA	$8,335.00	$8,335.00
17	4' Diameter Manhole (8'-10' Deep)	1	1	EA	$6,500.00	$6,500.00
18	4' Diameter Manhole (6'-8' Deep)	2	2	EA	$5,500.00	$11,000.00
19	4' Diameter Manhole (4'-6' Deep)	1	1	EA	$5,000.00	$5,000.00
20	Driveway Repair	1	1	LS	$10,000.00	$10,000.00
21	Pavement Repair	1	1	LS	$25,000.00	$25,000.00
22	12" PVC Stub-outs	1	1	LS	$5,000.00	$5,000.00
23	Lot Service Connections	17	17	EA	$875.00	$14,875.00
		GRAVITY WASTEWATER SUB-TOTAL:				$1,023,510.00
		ENGINEERING FEE & ADMINISTRATION:				$86,998.35
		TOPOGRAPHIC SURVEY AND STAKING:				$51,175.50
		TOTAL ESTIMATED IMPROVEMENTS COSTS:				**$1,161,683.85**

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