

Kukreja Brzezinski Residence - Civil

Date: 1/21/2019

Contractor Contact Info:

	Qty.	Unit	Cost	Total matl.	Labor rate	Cost Unit	Man- hours	Total labor	Equip. cost	Total equip.	Total	
New Work												
A. Excavation - CUT												
Based on profile views	10687	CY	0	0.00	65.21	0.01	106.87	6968.99	1.89	20198.4	\$ 27,167.42	
B. Fill/Cover												
Based on profile views	592	CY	0	0.00	65.21	0.011	6.51	424.65	3.7	2190.4	\$ 2,615.05	
C. Utility Line Trenching												
Gas line	208	LF	0	0.00	65.21	0.08	16.64	1085.09	1.29	268.32	\$ 1,353.41	
FW Line	67	LF	0	0.00	65.21	0.08	5.36	349.53	1.29	86.43	\$ 435.96	
6" PVC	1320	LF	0	0.00	65.21	0.08	105.60	6886.18	1.29	1702.8	\$ 8,588.98	
Water	335	LF	0	0.00	65.21	0.08	26.80	1747.63	1.29	432.15	\$ 2,179.78	
E Only Line	140	LF	0	0.00	65.21	0.08	11.20	730.35	1.29	180.6	\$ 910.95	
Storm drain	1350	LF	0	0.00	65.21	0.08	108.00	7042.68	1.29	1741.5	\$ 8,784.18	
D. Footings												
Building	812	LF	0	0.00	65.21	0.08	64.96	4236.04	1.29	1047.48	\$ 5,283.52	
Concrete wall	158	LF	0	0.00	65.21	0.08	12.64	824.25	1.29	203.82	\$ 1,028.07	
F. Misc. Underground												
Underground Tanks - Septic	11	CY	0	0.00	65.21	0.01	0.11	7.17	1.89	20.79	\$ 27.96	
Underground Tanks - Propane	6	CY	0	0.00	65.21	0.01	0.06	3.91	1.89	11.34	\$ 15.25	
Compaction/Backfill												
Underground Utilities - Based on Plans - Up to 24"	130	CY	0	0.00	65.21	0.08	10.40	678.18	1.29	167.7	\$ 845.88	
Footings - Based on Plans	36	CY	0	0.00	65.21	0.08	2.88	187.80	1.29	46.44	\$ 234.24	
Underground Tanks	225	CY	0	0.00	65.21	0.08	18.00	1173.78	1.29	290.25	\$ 1,464.03	
Misc.												

Fine Grading - Buildings (4221 SF)		4221	SF	0	0.00	65.21	0.002	8.44	550.50	0.07	295.47	\$	845.97
Fine Grading - Driveway		1065	SF	0	0.00	65.21	0.002	2.13	138.90	0.07	74.55	\$	213.45
Fine Grading - Gravel Surfaces		5355	SF	0	0.00	65.21	0.002	10.71	698.40	0.07	374.85	\$	1,073.25
Fine Grading - Concrete walkways		722	SF	0	0.00	65.21	0.002	1.44	94.16	0.07	50.54	\$	144.70
Underground Utilities													
FW - 4" - Pre-insulated plastic water pipe *		67	LF	13.08	876.36	65.21	0.33	22.11	1441.79	0.2	13.4	\$	2,331.55
2" Water		335	LF	1.31	438.85	65.21	0.033	11.06	720.90	0.03	10.05	\$	1,169.80
Gas - 3" Polyethylene		208	LF	2.1	436.80	65.21	0.1	20.80	1356.37	0.06	12.48	\$	1,805.65
4" Storm drain		1310	LF	1.45	1899.50	65.21	0.05	65.50	4271.26	0.03	39.3	\$	6,210.06
6" Storm drain		90	LF	3.2	288.00	65.21	0.07	6.30	410.82	0.04	3.6	\$	702.42
6" SS		1130	LF	3.2	3616.00	65.21	0.07	79.10	5158.11	0.04	45.2	\$	8,819.31
Underground Electrical Feeder		140	LF	7.6	1064.00	65.21	0.027	3.78	246.49	0.5	70	\$	1,380.49
Trench drain		40	LF	5.5	220.00	65.21	0.05	2.00	130.42	0.03	1.2	\$	351.62
4" Interior building downspout		300	LF	1.45	435.00	65.21	0.05	15.00	978.15	0.03	9	\$	1,422.15
Swale excavation		0.6	CY	0	0.00	65.21	0.01	0.01	0.39	1.89	1.134	\$	1.53
Erosion Plan Components													
Sandbag barrier for curb inlet, 25 bags		3	EA	25.03	75.09	65.21	2.08	6.24	406.91	0	0	\$	482.00
One piece curb inlet and magnetic drain grate		2	EA	91.67	183.34	65.21	0.34	0.68	44.34	0	0	\$	227.68
Gravel - 6" Temporary entrance		12	CY	39.35	472.20	65.21	0.56	6.72	438.21	0	0	\$	910.41
Swale blanket		30	SF	2.69	80.70	65.21	0.003	0.09	5.87	0.07	2.1	\$	88.67
Swale seeding		30	SF	0.85	25.50	65.21	0.013	0.39	25.43	0.07	2.1	\$	53.03
Fiber rolls		456	LF	1.24	565.44	65.21	0.04	18.24	1189.43	0	0	\$	1,754.87
Stockpile Restraint allowance		1	LS	5000	5000.00	65.21	20	20.00	1304.20	0	0	\$	6,304.20
Misc.													
Fire hydrant		1	EA	503.67	503.67	65.21	1.14	1.14	74.34	0.67	0.67	\$	578.68
3000 Gal water tank		1	EA	3790.4	3790.40	65.21	23	23.00	1499.83	96.66	96.66	\$	5,386.89
Bollards - 12" steel pipe filled with concrete		2	EA	194.67	389.34	65.21	2.25	4.50	293.45	141.4	282.8	\$	965.59
Septic Tank - 1200 Gal		1	EA	1050.6	1050.60	65.21	5.6	5.60	365.18	42.52	42.52	\$	1,458.30
500 Gal - Underground fiberglass Propane tank		1	EA	5644.4	5644.40	65.21	8.36	8.36	545.16	0.74	0.74	\$	6,190.30
Septic tank distribution box		1	EA	87.04	87.04	65.21	1.25	1.25	81.51	0.74	0.74	\$	169.29
Electric meter - 3 Phase 600V to 25KV Volts		1	EA	6695	6695.00	65.21	10.8	10.80	704.27	2.18	2.18	\$	7,401.45
Demo septic tank		1	EA	0	0.00	65.21	25	25.00	1630.25	101.2	101.2	\$	1,731.45

Demo tree		12	LF	0	0.00	65.21	10	120.00	7825.20	75	900	\$	8,725.20
Trench drain concrete		40	LF	25.34	1013.60	65.21	0.281	11.24	732.96	3.96	158.4	\$	1,904.96
NDS 24 x 24 Catch basin		2	EA	733.36	1466.72	65.21	2.6	5.20	339.09	20.2	40.4	\$	1,846.21
4" SS Clean out		7	EA	252.35	1766.45	65.21	0.54	3.78	246.49	1.31	9.17	\$	2,022.11
6" Polyolefin Grate		6	EA	189.89	1139.34	65.21	2	12.00	782.52	1.31	7.86	\$	1,929.72
Out fall gravel - 6" deep		3	CY	39.35	118.05	65.21	0.56	1.68	109.55	0	0	\$	227.60
Out fall and inlet control fabric - based on plans		180	EA	0.85	153.00	65.21	0.003	0.54	35.21	0.07	12.6	\$	200.81
Gravel drive - 6" deep		100	CY	39.35	3935.00	65.21	0.56	56.00	3651.76	0	0	\$	7,586.76
Walkway - Concrete *		722	SF	4.67	\$ 3,371.74	65.21	0	0.00	\$ -	0	0	\$	3,371.74
Asphalt Driveway *		1,065	SF	4.11	\$ 4,377.15	65.21	0	0.00	\$ -	0	0	\$	4,377.15
Outdoor dining - Concrete *		245	SF	4.67	\$ 1,144.15	65.21	0	0.00	\$ -	0	0	\$	1,144.15
16 LF Foot wide Concrete Stairs		2	EA	79.99	\$ 159.98	65.21	3.5	7.00	\$ 456.47	0	0	\$	616.45
TOTAL					\$ 52,482.41			1093.86	\$ 71,330.55				\$ 155,062.32
Additional Costs													
Soil Testing & Reporting		1	LS	2240	2240.00	65.21	0	0.00	0.00	0	0	\$	2,240.00
Traffic Control - Per Month Allowance		1	LS	25,000	25000.00	65.21	0	0.00	0.00	0	0	\$	25,000.00
Connect to existing sewer/water/power/gas		4	LS	1,813	7252.00	65.21	50.7	202.80	13224.59	34.85	139.4	\$	20,615.99
Dewatering Allowance		1	LS	25,000	25000.00	65.21	0	0.00	0.00	0	0	\$	25,000.00
Mobilization/Demobilization		2	LS	25,000	50000.00	65.21	0	0.00	0.00	0	0	\$	50,000.00
Moving & loading excavated materials (x)		9687	CY	0	0.00	39	0.009	87.18	3400.14	0.45	4359.15	\$	7,759.29
Hauling excavated materials - Up to 6miles		9687	CY	0	0.00	39	0.017	164.68	6422.48	2.1	20342.7	\$	26,765.18
Total Additional Costs					\$ 109,492.00			\$ 454.66	23047.21				\$ 157,380.46
Bid Subtotal													\$ 312,442.78
Overhead - 0%			0.0%										\$ -
Profit -0%			0.0%										\$ -
Pre-Tax Total													\$ 312,442.78
Tax - 0%			0.000%										\$ -
BID TOTAL													\$ 312,442.78

Excluded: All not indicated above, including all new planting.

Backfill placed above spread footings and in other areas that large compaction equipment cannot access should be placed in a maximum 6-inch thick lifts and compacted to at least 95 percent of maximum.

All bottom -up constructed wall should include free-drainage structural backfill and positive wall drainage systems. Geocomposite drainage strips recommended to be tied into positive discharge drainage systems to be installed along the backs or rear faces of walls.

Excavation work should be coordinated to provide several feet of protective soil cover above final footing and floor slab excavation depths until the work is ready to be performed.

Pricing based on the following

Excavation and Loading

Dragline bulk site excavation, includes casting - 7 CY bucket

Using a 130' mechanical crane for dragline or clamshell with a 7 CY heavy weight dragline bucket and small tools.

*** Fiberglass reinforced carrier and PVC casing**