

Kukreja Brzezinski Residence - Structural

Date: 1/19/2019

Contractor:

		Qty.	Unit	Cost	Total matl.	Labor rate	Cost Unit	Man-hours	Total labor	Equip cost	Total equip.	Total
W - Structural Steel Members - STEEL BEAMS												
From 20 to To 50Lbs/LF		3000	Lbs.	1.34	4020.00	65.21	0.006	18.00	1173.78	0.14	420	\$ 5,613.78
W10x30 = 30LF	W12x35 = 60LF											
HSS - Structural Steel Members - POSTS												
From 20 to To 50Lbs/LF		6160	Lbs.	1.32	8131.20	65.21	0.004	24.64	1606.77	0.11	689.92	\$ 10,427.89
HSS 4X4X1/4 = 15 POSTS	HSS 4 X 1/4 = 5 POST											
HSS 6X4X5/8 = 8LF												
Posts - PSL, GLU LAM & 2X												
PSL 3-1/4 x 5-1/4 - 12 High		12	LF	5.87	70.44	65.21	0.5	6.00	391.26	0	0	\$ 461.70
PSL 5-1/4 x 5-1/4 - 12 High		192	LF	8.43	1618.56	65.21	0.5	96.00	6260.16	0	0	\$ 7,878.72
6 x 6 - 12 LF High		69	EA	84.87	5856.03	65.21	0.5	34.50	2249.75	0	0	\$ 8,105.78
4 x 4 - 12 LF High		7	EA	35.84	250.88	65.21	0.5	3.50	228.24	0	0	\$ 479.12
4 x 6 - 12 LF High		4	EA	49.75	199.00	65.21	0.5	2.00	130.42	0	0	\$ 329.42
Beams												
PSL 5-1/4 x 14		14	LF	21.21	296.94	65.21	0.15	2.10	136.94	1.04	14.56	\$ 448.44
PSL 5-1/4 x 18		23	LF	25.24	580.52	65.21	0.15	3.45	224.97	1.04	23.92	\$ 829.41
PSL 5-1/4 x 11-7/8		575	LF	17	9775.00	65.21	0.15	86.25	5624.36	1.04	598	\$ 15,997.36
DBL LVL 1-3/4 x 11-7/8		100	LF	9.82	982.00	65.21	0.15	15.00	978.15	1.04	104	\$ 2,064.15
PSL 3-1/2 x 11-7/8		205	LF	11.64	2386.20	65.21	0.15	30.75	2005.21	1.04	213.2	\$ 4,604.61
PSL 3-1/2 x 11-7/8 - RIM		15	LF	11.64	174.60	65.21	0.15	2.25	146.72	1.04	15.6	\$ 336.92
LVL 1-3/4 x 9-1/2 - FASCIA		332	LF	9.22	3061.04	65.21	0.15	49.80	3247.46	1.04	345.28	\$ 6,653.78
GLB 6-3/4 x 13-1/2		50	LF	25.25	1262.50	65.21	0.15	7.50	489.08	1.04	52	\$ 1,803.58
6 x 10 "Structural Select"		690	LF	21.12	14572.80	65.21	0.15	103.50	6749.24	1.04	717.6	\$ 22,039.64
Collector Strap												
4x4 Blocking		900	LF	1.88	1692.00	65.21	0.12	108.00	7042.68	0	0	\$ 8,734.68
Strap		900	LF	6.77	6093.00	65.21	0.165	148.50	9683.69	0	0	\$ 15,776.69

Floor Framing													
2 x 12 at 16OC		40	SF	2.77	110.80	65.21	0.057	2.28	148.68	0	0	\$	259.48
14" TJI 560 at 16OC		630	SF	3.83	2412.90	65.21	0.018	11.34	739.48	0	0	\$	3,152.38
LVL 1-3/4 X 11-7/8 at 24OC		450	SF	2.65	1192.50	65.21	0.017	7.65	498.86	0	0	\$	1,691.36
16" TJI 560 at 16OC		831	SF	4.2	3490.20	65.21	0.018	14.96	975.41	0	0	\$	4,465.61
Floor sheathing		1951	SF	1.05	2048.55	65.21	0.013	25.36	1653.92	0	0	\$	3,702.47
Insulation		1951	SF	1.14	2224.14	65.21	0.006	11.71	763.35	0	0	\$	2,987.49
Roof Framing													
14" TJI 560 at 16OC		630	SF	3.83	2412.90	65.21	0.018	11.34	739.48	0	0	\$	3,152.38
LVL 1-3/4 X 11-7/8 at 24OC		4667	SF	2.65	12367.55	65.21	0.017	79.34	5173.70	0	0	\$	17,541.25
LVL 1-3/4 X 11-7/8 at 16OC		1403	SF	2.65	3717.95	65.21	0.017	23.85	1555.32	0	0	\$	5,273.27
LVL 1-3/4 X 9-1/2 at 24OC		200	SF	2.65	530.00	65.21	0.017	3.40	221.71	0	0	\$	751.71
Roof sheathing		6900	SF	0.94	6486.00	65.21	0.012	82.80	5399.39	0	0	\$	11,885.39
Insulation		6900	SF	1.14	7866.00	65.21	0.006	41.40	2699.69	0	0	\$	10,565.69
Shear Walls													
Wall A - 120 LF													
Plywood		1440	SF	0.99	1425.60	65.21	0.012	17.28	1126.83	0.12	172.8	\$	2,725.23
Wall B - 35 LF													
Plywood		420	SF	0.99	415.80	65.21	0.012	5.04	328.66	0.12	50.4	\$	794.86
3X		24	LF	0.78	18.72	65.21	0.035	0.84	54.78	0.12	2.88	\$	76.38
Wall C - 153 LF													
Plywood		1836	SF	0.99	1817.64	65.21	0.012	22.03	1436.71	0.12	220.32	\$	3,474.67
3X		330	LF	0.78	257.40	65.21	0.035	11.55	753.18	0.12	39.6	\$	1,050.18
Wall D - 24 LF													
Plywood		288	SF	0.99	285.12	65.21	0.012	3.46	225.37	0.12	34.56	\$	545.05
3X		96	LF	0.78	74.88	65.21	0.035	3.36	219.11	0.12	11.52	\$	305.51
Wall E - 56 LF													
Plywood		672	SF	0.99	665.28	65.21	0.012	8.06	525.85	0.12	80.64	\$	1,271.77

3X			136	LF	0.78	106.08	65.21	0.035	4.76	310.40	0.12	16.32	\$	432.80
WSW Walls - Price Allowance														
18 x 11 - 4 LF			36	SF	9.5	342.00	65.21	0.076	2.74	178.41	0	0	\$	520.41
12 x 11 - 3 LF			39	SF	8.8	343.20	65.21	0.076	2.96	193.28	0	0	\$	536.48
24 x 11 - 5 LF			65	SF	13	845.00	65.21	0.076	4.94	322.14	0	0	\$	1,167.14
24 x 10 - 4 LF			80	SF	12.5	1000.00	65.21	0.076	6.08	396.48	0	0	\$	1,396.48
Stairs														
14 x 4 Stair stringers			50	LF	21.42	1071.00	65.21	0.15	7.50	489.08	1.04	52	\$	1,612.08
Stairs - 124" to 131" with 18 risers			1	LS	3429.9	3429.90	65.21	16	16.00	1043.36	0.09	0.09	\$	4,473.35
Total														
													\$	198,396.51
<i>Connectors - Add 15% for weight of connectors</i>														
													\$	29,759.48
TOTAL - Structural Framing						\$ 117,979.82			1173.77	\$ 76,541.48		\$ 3,875.21	\$ 228,155.98	
Concrete Wall - Pricing Per LF of Wall														
10" Concrete Wall - 130 LF - 8 LF High														
Reinforcing steel			130	LF	21.42	2784.60	65.21	0.48	62.40	4069.10	0.09	11.7	\$	6,865.40
Forms			130	LF	15.82	2056.60	65.21	0.42	54.60	3560.47	0.09	11.7	\$	5,628.77
Concrete			130	LF	37.21	4837.30	65.21	5.43	705.90	46031.74	0.09	11.7	\$	50,880.74
Additional waterproof membrane			1040	SF	1.11	1154.40	65.21	0.025	26.00	1695.46	0.09	93.6	\$	2,943.46
8" Concrete wall - 16 LF - 4LF High														
Reinforcing steel			16	LF	10.71	171.36	65.21	0.2	3.20	208.67	0.09	1.44	\$	381.47
Forms			16	LF	7.91	126.56	65.21	0.536	8.58	559.24	0.09	1.44	\$	687.24
Concrete			16	LF	13.71	219.36	65.21	0.24	3.84	250.41	0.09	1.44	\$	471.21
Additional waterproof membrane			64	SF	1.11	71.04	65.21	0.025	1.60	104.34	0.09	5.76	\$	181.14
Concrete Stairs - Cost per stair (4)														
Reinforcing steel			4	LF	7.1	28.40	65.21	0.123	0.49	32.08	0.09	0.36	\$	60.84
Forms			4	LF	30.51	122.04	65.21	1.59	6.36	414.74	0.09	0.36	\$	537.14
Concrete			4	LF	21.41	85.64	65.21	0.126	0.50	32.87	0.09	0.36	\$	118.87
Footings - Cost per LF														

TOTAL Concrete						\$ 79,542.20		2210.539	\$ 144,149.25		\$ 9,201.44	\$ 232,892.89	
TOTAL						\$ 197,522.02			\$ 220,690.72		\$ 13,076.65	\$ 461,048.87	
Additional Costs													
Permits		1	LS	3000	3000	65.21	0	0.00	0.00	0	0	\$ 3,000.00	
Inspection costs		1	LS	1800	1800	65.21	0	0.00	0.00	0	0	\$ 1,800.00	
Mobilization		1	LS	5500	5500	65.21	45	45.00	2934.45	0	0	\$ 8,434.45	
Security		1	LS	1500	1500	65.21	0	0.00	0.00	0	0	\$ 1,500.00	
Barricade & Protection		1	LS	3500	3500	65.21	30	30.00	1956.30	0	0	\$ 5,456.30	
Total Additional Costs						\$ 15,300.00		75	\$ 4,890.75			\$ 20,190.75	
Bid Subtotal												\$ 481,239.62	
Overhead - 0%		0.0%										\$ -	
Profit -0 %		0.0%										\$ -	
Pre-Tax Total												\$ 481,239.62	
Tax - 0%		0.000%										\$ -	
BID TOTAL												\$ 481,239.62	
This quote is based on plans dated 12/20/2018 and is valid for 30 days.													

Excluded: All not indicated above.

Protect all areas as required