

Orland Park City Hall
Change Order #1 Pricing Revised
October 10, 2011

Project Description - Various Repairs as noted by RJA drawings

Work Task	Comment	Quantity	Unit	UNIT PRICES				LUMP SUMS	Total	Unit \$ Cost Bare	Unit \$ Cost w/OH&P
				Labor extended	Material extended	Equipment extended	Miscellaneous				
1.) Cut Back Steel Plates											
Cut Existing Steel Shelf Angle Leg	10' Long Per Side	40.00	EA	\$ 480.00	\$ 16.00	\$ 80.00	\$ -	\$ 576.00	\$ 14.40	\$ 16.14	
Plasma Cutter	Rental	1.00	LS	\$ -	\$ -	\$ -	\$ 300.00	\$ 300.00	\$ -	\$ -	
Remaining Locations		6.00	EA	\$ 2,880.00	\$ 96.00	\$ 480.00	\$ -	\$ 3,456.00	\$ 576.00	\$ 645.75	
Additional General Conditions & Scaffold Re	Straight 10%	1.00	LS	\$ -	\$ -	\$ -	\$ 433.20	\$ 433.20	\$ -	\$ -	
		5.25	MD	\$ 3,360.00	\$ 112.00	\$ 560.00	\$ 733.20	\$ 4,765.20	4765.2	\$ 5,342.27	
2.) Back Fill Voids / Tuckpoint CMU											
Point & Repair as Necessary (20% Area)	1 Man 5 Days	225.00	SF	\$ 1,600.00	\$ 45.00	\$ 22.50	\$ -	\$ 1,667.50	\$ 7.41	\$ 8.31	
Additional General Conditions & Scaffold Re	Straight 10%	1.00	LS	\$ -	\$ -	\$ -	\$ 166.75	\$ 166.75	\$ -	\$ -	
		2.50	MD	\$ 1,600.00	\$ 45.00	\$ 22.50	\$ 166.75	\$ 1,834.25	1834.25	\$ 2,056.38	
3.) Parge Exterior Facing CMU Backup											
Revised Bid Alternate #1											
Mobilize Material		8.00	HRS	\$ 600.00	\$ -	\$ 1,200.00	\$ -	\$ 1,800.00	\$ 225.00	\$ 252.25	
Clean CMU		2,000.00	SF	\$ 1,280.00	\$ -	\$ 40.00	\$ -	\$ 1,320.00	\$ 0.66	\$ 0.74	
Install Quik-Crete Parging	2 Days Per Side	2,000.00	SF	\$ 9,360.00	\$ 2,700.00	\$ 200.00	\$ -	\$ 12,260.00	\$ 6.13	\$ 6.87	
Additional General Conditions & Scaffold Re	Straight 10%	1.00	LS	\$ -	\$ -	\$ -	\$ 1,538.00	\$ 1,538.00	\$ -	\$ -	
		17.56	MD	\$ 11,240.00	\$ 2,700.00	\$ 1,440.00	\$ 1,538.00	\$ 16,918.00	16918	\$ 18,966.77	
4.) Install Additional Shelf Angle Work @ Midpoint of Tower											
Field Cut Steel @ Corners & Returns		28.00	EA	\$ 2,520.00	\$ -	\$ 168.00	\$ -	\$ 2,688.00	\$ 96.00	\$ 107.63	
Install Add Relief Angle (one included in original estimate)		49.33	LF	\$ 4,119.06	\$ 1,085.26	\$ 98.66	\$ -	\$ 5,302.98	\$ 107.50	\$ 120.52	
Flash Angle		49.33	LF	\$ 657.73	\$ 246.65	\$ 12.33	\$ -	\$ 916.72	\$ 18.58	\$ 20.83	
Additional General Conditions & Scaffold Re	Straight 10%	1.00	LS	\$ -	\$ -	\$ -	\$ 890.77	\$ 890.77	\$ -	\$ -	
		11.40	MD	\$ 7,296.79	\$ 1,331.91	\$ 278.99	\$ 890.77	\$ 9,798.46	9798.459917	\$ 10,985.06	
5.) Caulk Vertical Gap Between CMU & Steel											
Install Sealant		400.00	LF	\$ 2,186.67	\$ 400.00	\$ 40.00	\$ -	\$ 2,626.67	\$ 6.57	\$ 7.36	
Additional General Conditions & Scaffold Re	Straight 10%	1.00	LS	\$ -	\$ -	\$ -	\$ 262.67	\$ 262.67	\$ -	\$ -	
		3.42	MD	\$ 2,186.67	\$ 400.00	\$ 40.00	\$ 262.67	\$ 2,889.33	2889.333333	\$ 3,239.24	
6.) Steel Column Veneer Ties											
Base Bid Credit (Wall ties)		(270.00)	EA	\$ -	\$ (110.70)	\$ -	\$ -	\$ (110.70)	\$ 0.41	\$ 0.46	
Cut Existing Nuts and Rebar		6.00	HRS	\$ 480.00	\$ -	\$ 12.00	\$ -	\$ 492.00	\$ 82.00	\$ 91.93	
Prime Coat Cut Locations		4.00	HRS	\$ 320.00	\$ 40.00	\$ 8.00	\$ -	\$ 368.00	\$ 92.00	\$ 103.14	
Install New Veneer Ties (Type 1 - 351)		275.00	EA	\$ -	\$ 330.00	\$ -	\$ -	\$ 330.00	\$ 1.20	\$ 1.35	
Install New Veneer Ties (Type 1 - 352)		140.00	EA	\$ 210.00	\$ 280.00	\$ -	\$ -	\$ 490.00	\$ 3.50	\$ 3.92	
		1.58	MD	\$ 1,010.00	\$ 539.30	\$ 20.00	\$ -	\$ 1,569.30	1569.3	\$ 1,759.35	
7.) Prep & Coat Exterior Steel											
Steel I-Beams @ Corners	2 Man Days Per Corner	800.00	SF	\$ 5,120.00	\$ 400.00	\$ 80.00	\$ -	\$ 5,600.00	\$ 7.00	\$ 7.85	
Additional General Conditions & Scaffold Re	Straight 10%	1.00	LS	\$ -	\$ -	\$ -	\$ 560.00	\$ 560.00	\$ -	\$ -	
		8.00	MD	\$ 5,120.00	\$ 400.00	\$ 80.00	\$ 560.00	\$ 6,160.00	6160	\$ 6,905.98	
8.) Trellis Anchorage											
Anchor Trellis @ Roof		2.00	HRS	\$ 160.00	\$ 40.00	\$ 6.00	\$ 500.00	\$ 706.00	\$ 103.00	\$ 115.47	
Anchor Trellis Below Roof		20.00	EA	\$ 1,600.00	\$ 200.00	\$ 40.00	\$ -	\$ 1,840.00	\$ 92.00	\$ 103.14	
Additional General Conditions & Scaffold Re	Straight 10%	1.00	LS	\$ -	\$ -	\$ -	\$ 254.60	\$ 254.60	\$ -	\$ -	
		2.75	MD	\$ 1,760.00	\$ 240.00	\$ 46.00	\$ 754.60	\$ 2,800.60	2800.6	\$ 3,139.76	

9.) Parapet Rebuild										
1										
Demolish Additional Masonry	4' x 50'	2.50	HRS	\$ 855.00	\$ 75.00	\$ 50.00	\$ -	\$ 980.00	\$ 392.00	\$ 439.47
Rebuild inner wythe with new CMU	Approx 230 8"x16" units	230.00	Pcs	\$ 3,755.60	\$ 299.00	\$ 23.00	\$ -	\$ 4,077.60	\$ 17.73	\$ 19.88
Cut One course for height adjust		38.00	Cuts	\$ 253.33	\$ -	\$ -	\$ -	\$ 253.33		
Additional General Conditions & Scaffold Re	Straight 10%	1.00	LS	\$ -	\$ -	\$ -	\$ 505.76	\$ 505.76	\$ -	\$ -
		7.60	MD	\$ 4,863.93	\$ 374.00	\$ 73.00	\$ 505.76	\$ 5,816.69	5816.69	6,521.10

10.) Screen Wall Rebuild										
1										
Demo 4" CMU		104.00	CMU	\$ 330.00	\$ 26.00	\$ 20.80	\$ -	\$ 376.80	\$ 3.62	\$ 4.06
Rebuild 8" CMU		104.00	CMU	\$ 2,332.57	\$ 312.00	\$ 10.40	\$ -	\$ 2,654.97	\$ 25.53	\$ 28.62
Base Bid Credit for Brick Masonry		(480.00)	BRK	\$ (1,856.00)	\$ (244.80)	\$ (96.00)	\$ -	\$ (2,196.80)	\$ 4.58	\$ 5.13
Additional General Conditions & Scaffold Re	Straight 10%	1.00	LS	\$ -	\$ -	\$ -	\$ 83.50	\$ 83.50	\$ -	\$ -
		1.26	MD	\$ 806.57	\$ 93.20	\$ (64.80)	\$ 83.50	\$ 918.47	918.4685714	1,029.70

11.) Thru Bolt CMU Infill										
1										
Install 3/4" J Bolt w/ Plate @ Cross Braces	2 Men 1 Floor EA Day	40.00	EA	\$ 1,550.00	\$ 487.20	\$ 40.00	\$ -	\$ 2,077.20	\$ 51.93	\$ 58.22
Install 3/4" U Bolt w/ Plate @ Cross Braces	2 Men 1 Floor EA Day	40.00	EA	\$ 1,550.00	\$ 767.20	\$ 40.00	\$ -	\$ 2,357.20	\$ 58.93	\$ 66.07
Shim Material		40.00	EA	\$ -	\$ 540.00	\$ -	\$ -	\$ 540.00	\$ 13.50	\$ 15.13
Additional General Conditions & Scaffold Re	Straight 10%	1.00	LS	\$ -	\$ -	\$ -	\$ 299.57	\$ 299.57	\$ -	\$ -
		6.10	MD	\$ 3,906.57	\$ 1,887.60	\$ 15.20	\$ 466.56	\$ 6,275.93	6,275.93	7,035.95

1.) Cut Back Steel Plates	1	0	\$ 3,360.00	\$ 112.00	\$ 560.00	\$ 733.20	\$ 4,765.20	\$ 4,765.20	\$ 5,342.27
2.) Back Fill Voids / Tuckpoint CMU	1	0	\$ 1,600.00	\$ 45.00	\$ 22.50	\$ 166.75	\$ 1,834.25	\$ 1,834.25	\$ 2,056.38
3.) Parge Exterior Facing CMU Backup	1	0	\$ 11,240.00	\$ 2,700.00	\$ 1,440.00	\$ 1,538.00	\$ 16,918.00	\$ 16,918.00	\$ 18,966.77
4.) Install Additional Shelf Angle Work @ Midpoint of Tower	1	0	\$ 7,296.79	\$ 1,331.91	\$ 278.99	\$ 890.77	\$ 9,798.46	\$ 9,798.46	\$ 10,985.06
5.) Caulk Vertical Gap Between CMU & Steel	1	0	\$ 2,186.67	\$ 400.00	\$ 40.00	\$ 262.67	\$ 2,889.33	\$ 2,889.33	\$ 3,239.24
6.) Steel Column Veneer Ties	1	0	\$ 1,010.00	\$ 539.30	\$ 20.00	\$ -	\$ 1,569.30	\$ 1,569.30	\$ 1,759.35
7.) Prep & Coat Exterior Steel	1	0	\$ 5,120.00	\$ 400.00	\$ 80.00	\$ 560.00	\$ 6,160.00	\$ 6,160.00	\$ 6,905.98
8.) Trellis Anchorage	1	0	\$ 1,760.00	\$ 240.00	\$ 46.00	\$ 754.60	\$ 2,800.60	\$ 2,800.60	\$ 3,139.76
9.) Parapet Rebuild	1	0	\$ 4,863.93	\$ 374.00	\$ 73.00	\$ 505.76	\$ 5,816.69	\$ 5,816.69	\$ 6,521.10
10.) Screen Wall Rebuild	1	0	\$ 806.57	\$ 93.20	\$ (64.80)	\$ 83.50	\$ 918.47	\$ 918.47	\$ 1,029.70
11.) Thru Bolt CMU Infill	1	0	\$ 3,906.57	\$ 1,887.60	\$ 15.20	\$ 466.56	\$ 6,275.93	\$ 6,275.93	\$ 7,035.95

Total Costs		\$ 43,150.53	\$ 8,123.01	\$ 2,510.89	\$ 5,961.80	\$ 59,746.23
OH&P & Performance Bond	11.0%					\$ 6,572.09
Subtotal						\$ 66,318.32
Insurance	1%					\$ 663.18

Total \$ 66,981.50