

Project ID:	Deming Park Pool Renovation
Location:	500 S Fruitridge AVE. Terre Haute , IN 47803
Scope of Work:	Misc. Metal
Date:	

Building Data Summary

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost
DIVISION.01 GENERAL REQUIREMENTS														
1		Supervision and Coordination	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	6,500.00
2		Submittals and Shop drawings	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	3,500.00
3		Final Cleaning	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	1,200.00
4		Mobilization Costs	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	7,000.00
5		Temporary Control & Facilities	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	1,500.00
6		Temporary Showing To Support The Existing Structure	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ -	7,500.00
Subtotal (General Requirements)														\$ 27,200

DIVISION 02- SITE WORK/ EXISTING CONDITIONS														
Demolition														
7	S201	Remove Chemical Roof Framing And Roof Deck	SF	373	0%	373	\$ -	\$ -	0.120	\$ 40.00	\$ 4.80	\$ 1,790.40	\$ 1,790.40	
8		Remove Existing Roof Decking And Purlins	SF	2040	0%	2040	\$ -	\$ -	0.085	\$ 40.00	\$ 3.40	\$ 6,936.00	\$ 6,936.00	
9		Remove Existing Column	EA	6	0%	6	\$ -	\$ -	3.500	\$ 40.00	\$ 140.00	\$ 840.00	\$ 840.00	
Subtotal (Site Work/ Existing Conditions)														\$ 9,566

DIVISION 04- Metal														
Base Bid														
Angles														
10		L6x4x3/8	LF	15	5%	16	\$ 12.00	\$ 189.00	0.250	\$ 40.00	\$ 10.00	\$ 157.50	\$ 346.50	
11		(2) L4x4x1/4x3" Long Angle Clips At Each Wind Column	EA	2	0%	2	\$ 35.00	\$ 70.00	0.750	\$ 40.00	\$ 30.00	\$ 60.00	\$ 130.00	
12		(4) L6x4x1/4 Angle Spanning Length of Bent Plate	EA	34	5%	36	\$ 10.00	\$ 357.00	0.200	\$ 40.00	\$ 8.00	\$ 285.60	\$ 642.60	
13		L2 1/2 x 2 1/2 x 3/16 Coordinate Height W screen Termination Weld To Bent Plate 2 Lines Of 3/16" Fillet Weld At A1-6 Pattern	EA	2	0%	2	\$ 45.00	\$ 90.00	1.500	\$ 40.00	\$ 60.00	\$ 120.00	\$ 210.00	
Column														
14		Hss4x4x3/16 HSS Column (6 EA, 5'-4" H) Steel Angle Clips At Base On HSS Column Both Side w 1/2" Dia Hit Z And Hit-Z-R Anchor Rods - Backer Bars 4 Side Note: Column Detail is Assumed Not Given By Plan & Section	Lbs	345	5%	362	\$ 1.85	\$ 670.16	0.020	\$ 40.00	\$ 0.80	\$ 289.80	\$ 959.96	
Panel & Purlins														
15		Replace Roof Decking And Purlins (14 Gauge 4"x 3.5" Zee Purlins) At 5'-0" O.C	SF	2040	5%	2142	\$ 8.50	\$ 18,207.00	0.120	\$ 40.00	\$ 4.80	\$ 10,281.60	\$ 28,488.60	
16		Aluminum Gutter (Detail Not Given)	LF	146	5%	153	\$ 18.00	\$ 2,759.40	0.150	\$ 40.00	\$ 6.00	\$ 919.80	\$ 3,679.20	
Flashing														
17		Metal Flashing (Detail Not Given)	LF	146	5%	153	\$ 10.00	\$ 1,533.00	0.100	\$ 40.00	\$ 4.00	\$ 613.20	\$ 2,146.20	
Downspout														
18		Downspout (9" H, 4 EA) Assumed	LF	36	5%	38	\$ 14.00	\$ 529.20	0.200	\$ 40.00	\$ 8.00	\$ 302.40	\$ 831.60	
Doors														
19		(3'-0"x7'-0") Hollow Metal Door W Frame & Hardware	EA	4	0%	4	\$ 1,350.00	\$ 5,400.00	2.500	\$ 40.00	\$ 100.00	\$ 400.00	\$ 5,800.00	
20		(5'-0"x7'-0") Hollow Metal Door W Frame & Hardware	EA	2	0%	2	\$ 3,300.00	\$ 3,300.00	3.500	\$ 40.00	\$ 140.00	\$ 280.00	\$ 3,580.00	
21		(4'-0"x7'-0") Hollow Metal Door W Frame & Hardware	EA	1	0%	1	\$ 1,500.00	\$ 1,500.00	4.500	\$ 40.00	\$ 180.00	\$ 180.00	\$ 1,680.00	
22		(15'-2" W x 7'-7" H) Corrugated/Perforated Metal panel W Frame & Hardware	EA	2	0%	2	\$ 3,800.00	\$ 7,600.00	8.500	\$ 40.00	\$ 340.00	\$ 680.00	\$ 8,280.00	
Alternate No 4														
Angles														
23		L4x4x1/4 Edge Angle	LF	22	5%	23	\$ 9.00	\$ 207.90	0.180	\$ 40.00	\$ 7.20	\$ 166.32	\$ 374.22	
24		L4x4x1/2 Ledger Angle Fasten To Existing Wall @ 16" OC -Using SS 1/2" Dia Hilti Has Rods w Hilti HIT HY 270 Adhesive System (4" Embed)	LF	31	5%	33	\$ 32.00	\$ 1,041.60	0.450	\$ 40.00	\$ 18.00	\$ 585.90	\$ 1,627.50	
25		L6x4x1/2x6" Long Bearing Angle Weld To Sloped Angle Anchor Into Wall BB W 3/4" Dia Cast In Bolt (6" Embed)	EA	2	0%	2	\$ 185.00	\$ 370.00	1.500	\$ 40.00	\$ 60.00	\$ 120.00	\$ 490.00	
26		L6x4x1/4 Ledger Angle Fasten To Bond Beam @ 16" OC -Using SS 1/2" Dia Hilti Has Rods w Hilti HIT HY 270 Adhesive System (4" Embed)	LF	31	5%	33	\$ 30.00	\$ 976.50	0.420	\$ 40.00	\$ 16.80	\$ 546.84	\$ 1,523.34	
Panel & Purlins														
27		Corrugated Metal Panel -14 Gauge 4" x 2.5" Zee Purlins At 4'-6" OC	SF	360	5%	378	\$ 9.25	\$ 3,496.50	0.140	\$ 40.00	\$ 5.60	\$ 2,116.80	\$ 5,613.30	
Gutter														
28		Aluminum Gutter (Detail Not Given)	LF	54	5%	57	\$ 18.00	\$ 1,020.60	0.150	\$ 40.00	\$ 6.00	\$ 340.20	\$ 1,360.80	
Downspout														
29		Downspout (9" H, 4 EA) Assumed	LF	36	5%	38	\$ 14.00	\$ 529.20	0.200	\$ 40.00	\$ 8.00	\$ 302.40	\$ 831.60	
Alternate No 5														
Post														
30		HSS4x4x1/4 Fence Post (HDG) (8'-3" H - 74 EA) 11"x11" x 3/4" Base Plate W (4) 3/4" Dia SS Hilti Has Rods Utilizing Hilti HIT HY 200 Adhesive System	LF	592	5%	622	\$ 85.00	\$ 52,836.00	0.550	\$ 40.00	\$ 22.00	\$ 13,675.20	\$ 66,511.20	
31		Delegated Design Fence Panel (Detail Not Given) (8' H)	LF	166	5%	174	\$ 120.00	\$ 20,916.00	0.350	\$ 40.00	\$ 14.00	\$ 2,440.20	\$ 23,356.20	
Alternate No 6														
Beam														
32		Double L3x3x1/4 Tension Tie Tension Tie Connection For Both Side	LF	133	5%	140	\$ 20.00	\$ 2,793.00	0.300	\$ 40.00	\$ 12.00	\$ 1,675.80	\$ 4,468.80	
33		W4x13 x 2'-3" long Bearing Beam Weld To Gabled Beam (2 EA) W18x18 (157 LF)	Lbs	56	5%	59	\$ 2.75	\$ 161.70	0.035	\$ 40.00	\$ 1.40	\$ 82.32	\$ 244.02	
34		Bolted End Splice Connection (2) 3/4" Thick Plates W (4) 3/4" Dia A325 Thru Bolts (6 EA)	Lbs	2826	5%	2967	\$ 3.10	\$ 9,198.63	0.040	\$ 40.00	\$ 1.60	\$ 4,747.68	\$ 13,946.31	
Plate														
35		(1/2") Thick Gusset Plate	EA	10	0%	10	\$ 90.00	\$ 900.00	1.500	\$ 40.00	\$ 60.00	\$ 600.00	\$ 1,500.00	
36		(8"x8") Steel Shim Plate For Uniform Bearing	EA	2	0%	2	\$ 20.00	\$ 40.00	0.200	\$ 40.00	\$ 8.00	\$ 16.00	\$ 56.00	
37		(1'-0" x 6" x 3/4") Thick Cap Plate W 9/4" Dia A325 Thru Bolts	EA	10	0%	10	\$ 260.00	\$ 2,600.00	1.800	\$ 40.00	\$ 72.00	\$ 720.00	\$ 3,320.00	
Angles														
38		(2) L4 x 4x1/4 x 1'-8" Long Angles (4) SS 1/2" Dia Hilti Has Rods With Hilti Hit Hy 270 L4x4x1/4 Ledger Angle Fasten To Bond Beam @ 16" OC -Using SS 1/2" Dia Hilti Has Rods w Hilti HIT HY 270 Adhesive System (4" Embed)	EA	2	0%	2	\$ 240.00	\$ 480.00	1.500	\$ 40.00	\$ 60.00	\$ 120.00	\$ 600.00	
39		-Remove Flange And Add (6" W x 1/2" Thick Steel) Plates At Beam Taper CIP Weld at taper plate	LF	138	5%	145	\$ 55.00	\$ 7,969.50	0.700	\$ 40.00	\$ 28.00	\$ 4,057.20	\$ 12,026.70	
Column & Pier														
40		Helical Pier (Detail Not Given)	EA	36	0%	36	\$ 1,650.00	\$ 59,400.00	6.000	\$ 40.00	\$ 240.00	\$ 8,640.00	\$ 68,040.00	
41		Hss4x4x3/16 Wind Column (4 EA, 8'-8" H) -Base Plate W (4) 1/2" Dia SS Hilti Has Rods W Hilti HIT Hy 200 Adhesive System (Embed 6")	Lbs	374.4	5%	393	\$ 2.20	\$ 864.86	0.030	\$ 40.00	\$ 1.20	\$ 471.74	\$ 1,336.61	
42		HSS5x5x3/8 (10 EA, 8'-8" H) -Base Plate W (4) 1/2" Dia SS Hilti Has Rods W Hilti HIT Hy 200 Adhesive System (Embed 6")	Lbs	2194	5%	2304	\$ 2.35	\$ 5,413.70	0.032	\$ 40.00	\$ 1.28	\$ 2,948.74	\$ 8,362.43	
Panel & Purlins														
43		Corrugated Metal Panel 14 Gauge 4" x 2.5" Zee purlins At 4'-0" O.C	SF	1193	5%	1253	\$ 9.25	\$ 11,587.01	0.140	\$ 40.00	\$ 5.60	\$ 7,014.84	\$ 18,601.85	
Gutter														
44		Aluminum Gutter (Detail Not Given)	LF	84	5%	88	\$ 18.00	\$ 1,587.60	0.150	\$ 40.00	\$ 6.00	\$ 529.20	\$ 2,116.80	
Flashing														
45		Metal Flashing (Detail Not Given)	LF	84	5%	88	\$ 10.00	\$ 882.00	0.100	\$ 40.00	\$ 4.00	\$ 352.80	\$ 1,234.80	
Downspout														
46		Downspout (9" H, 4 EA) Assumed	LF	36	5%	38	\$ 14.00	\$ 529.20	0.200	\$ 40.00	\$ 8.00	\$ 302.40	\$ 831.60	
Subtotal (Finishes)														\$ 228,006

PROJECTED COST	\$ 331,915
INSURANCE	3% \$ 9,957
CONTINGENCY	5% \$ 16,596
OVERHEAD AND PROFIT	15% \$ 49,787
TAX	7.00% \$ 15,960
SUGGESTED BID	\$ 424,216

Note:
1. Please verify the equipment's and their prices with owner.
2. Online sources are used for pricing.
3. Prices can vary depending upon field conditions.
4. The probable construction costs of material, labour and equipments are based on industry practice, professional experience and qualifications. These represent our best judgment as a professional cost estimator familiar with construction industry and local conditions. We only guarantee more than 95% accurate quantities of materials based on provided drawings.

