

Central Park Pre-Eng Steel Arena - WGD Architects - Developed Project Costs - EMC 2012-01

PRE-ENG STEEL BUILDING	\$	7,632,124.29	
<i>Single Ice Pad with potential to be twinned in the future. Placement of the arena in the park determines displaced amenities and future evolution towards the complete multi-use complex.</i>			
RECOMMENDED UPGRADES			
Green Roof	\$	100,000.00	
Sub Floor Heating	\$	50,000.00	
Radiant Floor Heating	\$	600,000.00	
Cistern and Dual Plumbing System	\$	100,000.00	
Structure to Support Photo-Voltaics	\$	100,000.00	
Building Automation System	\$	200,000.00	
		SUBTOTAL - Base Building Cost	\$ 8,782,124.29
<i>Less Contingencies included in WGD building budget</i>			
<i>Construction Contingency (5%)</i>	\$	<i>(357,090.59)</i>	
<i>Design Contingency (5%)</i>	\$	<i>(418,876.44)</i>	
		SUB TOTAL	\$ <i>(775,967.03)</i>
2nd Floor Mezzanine/Lounge - *see below	\$	995,037.02	
Upgrade Insulation??	\$	-	
			\$ 995,037.02
SITE AND PARK DEVELOPMENT (WGD)	\$	1,164,281.00	
			\$ 1,164,281.00
SUBTOTAL - Total Construction Project Costs			\$ 10,165,475.28
DESIGN FEES/PERMITS/MISCELLANEOUS (10%)	\$	1,016,547.53	
CONTINGENCY (10%)	\$	1,118,202.28	
TOTAL	\$		12,300,225.08

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* Construction Estimate - 2nd Floor Mezzanine/Lounge Addition to Pre-Eng Steel Building		
Item	Estimate	Reference
Exterior Architectural Block	\$ 187,775.00	04220
Block back-up to above	\$ 111,650.00	04220
Cavity wall insulation c/w vapour barrier	\$ 50,750.00	04220
Second floor concrete	\$ 77,851.50	3-305
Metal pan deck	\$ 48,159.30	5-120
Metal Structure for Mezzanine	\$ 124,924.50	5-121
Stairs and Railings	\$ 20,235.00	5-720
Equipment core holes water proofing 2nd floor	\$ 2,364.30	7-020
Interior Door and frame	\$ 4,206.80	8-210
Door hardware	\$ 2,928.80	8-215
Door Installation	\$ 2,023.50	8-220
Glazing curtain wall second floor	\$ 83,496.00	8-800
Exterior Windows	\$ 10,000.00	08120
Drywall walls - Material & Labour - second floor	\$ 23,363.44	9-250
Drop ceiling - second floor	\$ 8,985.94	9-250
GWB ceiling - second floor	\$ 7,654.69	9-250
Armstrong VCT flooring	\$ 13,578.75	9-670
Painting	\$ 10,268.38	9-912
Painting Stairs & railings	\$ 1,704.00	9-912
Bathroom stalls all colored metal	\$ 7,029.00	11-010
Public Washroom vanities	\$ 1,917.00	11-015
Sinks and battery operated auto taps	\$ 1,554.92	11-030
Plumbing washrooms and Concession	\$ 15,975.00	15-010
Gas kitchen	\$ 9,585.00	15-020
HVAC - second floor	\$ 36,210.00	15-100
Electrical Distribution	\$ 20,000.00	16-200
Emergency Lighting	\$ 1,000.00	16-503
Fire Alarm System - second floor	\$ 3,000.00	16-504
Regular fluorescent lighting	\$ 2,156.70	16-527
2 Compartment Sinks	\$ 1,917.00	17-100
Bar and Concession Millwork	\$ 19,170.00	17-110
Elevator	\$ 83,602.50	17-111
Total	\$ 995,037.02	