ICE AND WATER COST COMPARISONS Revised: 23-Aug-12

TWIN ICE PAD AND COMMUNITY CENTRE BUDGET	$ 16,080,000.00		**PRE-ENG STEEL BUILDING**	$ 6,856,157.26		**INSULATED FABRIC MEMBRANE STRUCTURE**	$ 7,534,800.22	
Two Ice Pads, Site Work, FF&E, Community Space, 400 Fixed Seats			*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.*			*Single Ice Pad with layout planned for future additional arena. Placement of the arena in the park determines displaced amenities.*		
SUB TOTAL		$ 16,080,000.00	SUB TOTAL		$ 6,856,157.26	SUB TOTAL		$ 7,534,800.22
			RECOMMENDED UPGRADES			OPTIONAL 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				
			Upgrade Insulation??					
			2nd Floor Mezzanine/Lounge	$ 995,037.02				
			SUB TOTAL		$ 2,145,037.02			
SITE AND PARK DEVELOPMENT	$ 3,087,800.00		SITE AND PARK DEVELOPMENT	$ 1,164,281.00		SITE AND PARK DEVELOPMENT	$ 1,164,281.00	
DESIGN FEES/PERMITS/MISCELLANEOUS (10%)	$ 1,916,780.00		DESIGN FEES/PERMITS/MISCELLANEOUS (5%)	$ 508,273.76		DESIGN FEES/PERMITS (ALLOWANCE)	$ 100,000.00	
PROJECT CONTINGENCY (20%)	$ 4,216,916.00		CONTINGENCY (10%)	$ 1,067,374.90		CONTINGENCY (5%)	$ 434,954.06	
SUB TOTAL		$ 9,221,496.00	SUB TOTAL		$ 2,739,929.67	SUB TOTAL		$ 1,699,235.06
TOTAL		**$ 25,301,496.00**	**TOTAL**		**$ 11,741,123.94**	**TOTAL**		**$ 9,234,035.28**
EDDIE BUSH MEMORIAL ARENA			**EDDIE BUSH MEMORIAL ARENA**			**EDDIE BUSH MEMORIAL ARENA**		
			PRIORITY RENOVATIONS	$ 1,780,000.00		PRIORITY RENOVATIONS	$ 1,780,000.00	
Consideration of the cost of re-purposing the Eddie Bush Memorial Arena was not included as part of the Central Park Redevelopment Project as the mandate had not been determined			*New ice plant, dressing rooms, ice slab, refrigerant piping, dasher boards*			*New ice plant, dressing rooms, ice slab, refrigerant piping, dasher boards*		
			SOFT COSTS: Permits, Fees, Design Costs (12%)	$ 213,600.00		SOFT COSTS: Permits, Fees, Design Costs (12%)	$ 213,600.00	
			EXTENDED RENOVATIONS	$ 755,290.00		EXTENDED RENOVATIONS	$ 755,290.00	
			Roof replacement, interior finishes, mechanical and electrical system upgrades			*Roof replacement, interior finishes, mechanical and electrical system upgrades*		
			SOFT COSTS: Permits, Fees, Design Costs (12%)	$ 90,634.80		SOFT COSTS: Permits, Fees, Design Costs (12%)	$ 90,634.80	
			CONTINGENCY (10%)	$ 283,952.48		CONTINGENCY (10%)	$ 283,952.48	
			SUB TOTAL		$ 3,123,477.28	SUB TOTAL		$ 3,123,477.28
			POTENTIAL INFRASTRUCTURE FUNDING	*$ (1,041,159.09)*		*POTENTIAL INFRASTRUCTURE FUNDING*	*$ (1,041,159.09)*	
			SUB TOTAL		*$ (1,041,159.09)*	*SUB TOTAL*		*$ (1,041,159.09)*
			TOTAL		**$ 2,082,318.19**	**TOTAL**		**$ 2,082,318.19**
YMCA ADDITION	$ 5,467,779.63					**CENTENNIAL POOL INSULATED FABRIC MEMBRANE COVER**	$ 3,734,113.12	
EXPANDED POOL TO ACCOMMODATE OBSERVATION	$ 400,000.00					SUBTOTAL		$ 3,734,113.12
						SITE WORK	$ 400,000.00	
DESIGN FEES/PERMITS/MISCELLANEOUS (10%)	$ 586,777.96					DESIGN FEES/PERMITS (ALLOWANCE)	$ 50,000.00	
SUB TOTAL		$ 6,454,557.59						
PROJECT CONTINGENCY (20%)	$ 1,290,911.52					CONTINGENCY (5%)	$ 206,705.66	
SUBTOTAL		$ 1,290,911.52				SUBTOTAL		$ 656,705.66
TOTAL		**$ 7,745,469.11**				**TOTAL**		**$ 4,390,818.78**
CURLING RINK 10 YEAR REPAIR BUDGET	$ 400,000.00		CURLING RINK 10 YEAR REPAIR BUDGET	$ 400,000.00		CURLING RINK 10 YEAR REPAIR BUDGET	$ 400,000.00	
NEW OUTDOOR ICE PAD	$ 605,000.00							
BALL DIAMOND RELOCATION (4 DIAMONDS)	$ 1,200,000.00		MOVE BALL DIAMOND (1 DIAMOND)	$ 300,000.00		*Eliminate 1 Ball Diamond by selecting most beneficial placement of arena*		
Does not include land costs								
TOTAL		**$ 2,205,000.00**	**TOTAL**		**$ 700,000.00**	**TOTAL**		**$ 400,000.00**
GRAND TOTAL		**$ 35,251,965.11**	**GRAND TOTAL**		**$ 14,523,442.13**	**GRAND TOTAL**		**$ 16,107,172.24**

ESTIMATED OPERATING COSTS

			PRE-ENG STEEL BUILDING			**INSULATED FABRIC MEMBRANE STRUCTURE**		
			Electricity	$ 63,739.00		Electricity		
			Natural Gas	$ 25,928.00		Natural Gas		
			Total		**$ 89,667.00**	**Total**		**$ - **

ESTIMATED MAINTENANCE COSTS

			PRE-ENG STEEL BUILDING			**INSULATED FABRIC MEMBRANE STRUCTURE**		
			Total		**$ - **	**Total**		**$ - **

2nd Floor Mezzanine/Lounge

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