



Reference: Letter Report for Twin Rinks Ice Pavilion Expansion Study

Twin Rinks Practice Facility Using Hard Wall Construction

Site Development - Option 1	\$ 400,000
Removals: C&G, Asphalt, Paving with gravel base for 114 parking stalls C&G Parking Lot Lighting Sod with Topsoil Landscape: Trees and Shrubs Excavation of Berm General Building Prep Utility Services: Water, San. Sewer, Storm Sewer, Electrical & Gas	
Metal Building Over Rink and Limited Spectator Seating Area - 28,200 s.f.	\$ 4,794,000
Concrete Perimeter Rink Floor Rubber Sports Floor Sports Lights Fire Sprinkling Foundation Excavation Foundations CMU side walls HVAC with Dehumidification System Electrical Power and Sports Lighting Plumbing	
Masonry Support Building - 9,200 s.f.	\$ 2,116,000
Entrance Vestibule Small Lobby Rubber Sports Flooring 4 Team Rooms Shared Restrooms and Showers in Team Rooms Vending Machine Area Referee Changing Room Mechanical (HVAC) Room Telephone/Computer Network Room Electrical Room Ice Refrigeration Room Ice Resurfacers Room with Snowmelt Pit Public Restrooms Minimal Administration Area	
Refrigerated Rink and Accessories	\$ 1,420,000
Conventional Refrigeration Plant with Waste Heat Utilization Concrete Refrigerated Rink Floor Dasher Boards Scoreboard	
Sub total	\$ 8,730,000
20% Contingency	\$ 1,746,000
Total Construction Cost	\$ 10,476,000
12% Soft Costs	\$ 1,257,120
Total Project Cost	\$ 11,733,120