



# IIHF

LOT SIZE 7.725,25  
**2016** LAYOUT GROUND FLOOR: 3.960  
 BUILT SQ. METERS: 5.949

## IIHF 1 ICE PAD BLUEPRINT BUDGET

Facilities Committee 2012-1016

		UTS	EU PRICE	TOTAL	MNA	COST	
<b>1</b>	<b>ICE RINK EQUIPMENTS</b>			<b>1.094.132</b>			
1A1	Dashboards 60x30	1,00	141.135	141.135	0	0	
1A2	Pro Hockey Goals	4,00	1.200	4.800	0	0	
1A3	Players / Judges Benches Set	1,00	5.645	5.645	0	0	
1A4	Ice Resurfacing Machine	1,00	84.681	84.681	0	0	
1A5	Ice Edger	1,00	5.175	5.175	0	0	
1A6	Ice Maintenance Tools	1,00	2.635	2.635	0	0	
1A7	Hockey Scoreboard Timing System	1,00	9.409	9.409	0	0	
1A8	Protective Netting Systems	2,00	3.764	7.528	0	0	
1A9	Protective Box Backing	2,00	1.176	2.352	0	0	
1A10	Goal Light Systems	2,00	705	1.410	0	0	
1B1	Ice surface Concrete base 60x30 with plumbing	1.791,50	245	438.918	0	0	
1B2	Ice rink painting	1.757,80	3,25	5.713	0	0	
1C1	Rental Skates Pairs	<b>640,00</b>	83	53.120	0	0	
1C2	Rentals Helmets	50,00	47	2.350	0	0	
1C3	Skate Sharpener Machine	1,00	2.352	2.352	0	0	
1D1	Refrigeration Plant Unit	1,00	310.498	310.498	0	0	
1E1	Shipping costs	1,00	16.412	16.412	0	0	
<b>2</b>	<b>GENERAL BUILDING CONSTRUCTION</b>			<b>3.404.864</b>			
<b>2A</b>	<b>CONSTRUCTION COST</b>	64,55%	<b>units</b>	<b>sq meter cost</b>		<b>2.197.682</b>	
2A11	Sand Rink Base		<b>1.791,50</b>	<b>15,00</b>	26.873	0	0
2A12	Seating Concrete structure		<b>749,94</b>	<b>185,00</b>	138.739	0	0
2A13	Building Estructure (Steel / Kg)		<b>273.694,14</b>	<b>2,25</b>	615.812	0	0
2A14	Concrete floor structure (with stairs & pillars)		<b>795,34</b>	<b>135,00</b>	107.371	0	0
2A15	Composite Slab (Building A with stairs)		<b>1.018,92</b>	<b>55,00</b>	56.041	0	0
2A16	Concrete Foundations (m3)		<b>94,73</b>	<b>110,00</b>	10.421	0	0
2A17	Concrete ground floor (25 cm)		<b>2.168,25</b>	<b>85,00</b>	184.301	0	0
2A18	Light Ceiling with Insulation System		<b>3.384,22</b>	<b>105,00</b>	355.343	0	0
2A19	Decks		<b>594,58</b>	<b>35,00</b>	20.810	0	0
2A20	Façades (aluminium isolated panel)		<b>2.497,55</b>	<b>85,00</b>	212.292	0	0
2A21	Lobby / Admission		<b>236,10</b>	<b>174,55</b>	41.210	0	0
2A22	Shop Area		<b>26,60</b>	<b>261,71</b>	6.962	0	0
2A23	Administrative & Office areas		<b>172,20</b>	<b>154,18</b>	26.550	0	0
2A24	Café / Restaurant		<b>140,75</b>	<b>150,93</b>	21.244	0	0
2A25	Kitchen		<b>30,95</b>	<b>239,80</b>	7.422	0	0
2A26	Gym & Warm-up Areas		<b>136,90</b>	<b>141,35</b>	19.351	0	0
2A27	Dressing Rooms		<b>267,35</b>	<b>142,19</b>	38.015	0	0
2A28	Showers & Lavatory rooms		<b>119,05</b>	<b>400,33</b>	47.659	0	0
2A29	Spectators Area		<b>918,29</b>	<b>10,40</b>	9.548	0	0
2A30	Firts Aid / Medical room		<b>16,35</b>	<b>185,33</b>	3.030	0	0
2A31	Public Lavatories		<b>91,15</b>	<b>428,83</b>	39.088	0	0
2A32	Mechanical rooms		<b>140,85</b>	<b>125,56</b>	17.686	0	0
2A33	Public Common areas (Stairs & Lift)		<b>74,50</b>	<b>218,00</b>	16.241	0	0
2A34	Rental Skates areas		<b>97,90</b>	<b>173,59</b>	16.995	0	0
2A35	Corridors		<b>242,60</b>	<b>167,06</b>	40.528	0	0
2A36	Surrounding Ice Pad area		<b>795,80</b>	<b>45,00</b>	35.811	0	0
2A37	Storage Rooms		<b>85,60</b>	<b>188,66</b>	16.149	0	0
2A38	Dryers Rooms		<b>102,55</b>	<b>205,26</b>	21.049	0	0
2A39	Coaches, Staff & Referees Rooms		<b>73,90</b>	<b>610,86</b>	45.143	0	0
2A40	VIP zones		<b>62,45</b>	<b>126,54</b>	7.903	0	0
2A41	Terrace		<b>36,95</b>	<b>207,70</b>	7.675	0	0
2A42	Smoking Zone		<b>9,30</b>	<b>289,16</b>	2.689	0	0
2A43	Under seats zone low height		<b>279,15</b>	<b>21,38</b>	5.967	0	0

<b>2B</b>	<b>FACILITIES / INSTALLATIONS</b>	27,75%	EUROPE PRICE	945.002	43,00%		
<b>2B11</b>	Computerized Rink Lighting Package	1,00	16.920	16.920	0	0	
<b>2B12</b>	Building Lighting	1,00	21.620	21.620	0	0	
<b>2B13</b>	Ice Rink Lighting units	58,00	564	32.712	0	0	
<b>2B21</b>	Computer System For Ice Making	1,00	31.960	31.960	0	0	
<b>2B22</b>	Process Boilers For Ice Resurfer	1,00	53.580	53.580	0	0	
<b>2B23</b>	Plumbing & Hot Water Systems	1,00	42.300	42.300	0	0	
<b>2B24</b>	Boiler/Heating HVAC System Plant ( <b>SEE 1D</b> )	1,00	282.000	282.000	0	0	
<b>2B25</b>	Radiant Heaters For Bleacher Areas	1,00	67.680	67.680	0	0	
<b>2B31</b>	Electrical Ice Rink System	1,00	15.040	15.040	0	0	
<b>2B32</b>	Electrical Facilities	1,00	117.500	117.500	0	0	
<b>2B41</b>	Computerized Sound System	1,00	18.800	18.800	0	0	
<b>2B61</b>	CCTV Video security system	1,00	31.960	31.960	0	0	
<b>2B62</b>	Communications System	1,00	23.500	23.500	0	0	
<b>2B71</b>	Ice Rink System Dehumidicator	1,00	56.400	56.400	0	0	
<b>2B81</b>	Building Computer System Network	1,00	28.200	28.200	0	0	
<b>2B82</b>	Ventilation system	1,00	19.750	19.750	0	0	
<b>2B91</b>	Fire Protection system	1,00	37.600	37.600	0	0	
<b>2B101</b>	Building Climate system	1,00	19.750	19.750	0	0	
<b>2B102</b>	Ice rink Climate system	1,00	11.280	11.280	0	0	
<b>2B111</b>	Underground Drainage	1,00	6.110	6.110	0	0	
<b>2B121</b>	Sewing System	1,00	10.340	10.340	0	0	
<b>2C</b>	<b>EQUIPMENT</b>	7,70%		262.180			
<b>2C11</b>	Spectators seating	<b>991,00</b>	42	41.622	0	0	
<b>2C12</b>	Retractable seating	<b>520,00</b>	75	39.000	0	0	
<b>2C13</b>	Fix seats (Judges sides) (4 x 22 unit seats)	4,00	1.739	6.956	0	0	
<b>2C14</b>	Skate Storage Racks (ml) h=280	20,00	329	6.580	0	0	
<b>2C15</b>	Counter Furniture (ml)	8,00	1.175	9.400	0	0	
<b>2C16</b>	Dressing Room Players box ( 80 cm)	322,00	71	22.862	0	0	
<b>2C17</b>	Operated Lockers	80,00	52	4.160	0	0	
<b>2C21</b>	Office Furniture (Desks, Chairs, Etc.)	1,00	11.280	11.280	0	0	
<b>2C22</b>	Medical Room Equipment	1,00	1.880	1.880	0	0	
<b>2C23</b>	Coach Room furniture	1,00	1.410	1.410	0	0	
<b>2C24</b>	Personal Room furniture	1,00	1.128	1.128	0	0	
<b>2C31</b>	Pro Shop Displays & Fixtures	1,00	0	0	0	0	
<b>2C32</b>	Bar Furniture	1,00	9.870	9.870	0	0	
<b>2C33</b>	Restaurant Furniture	1,00	3.948	3.948	0	0	
<b>2C34</b>	Kitchen Equipment	1,00	32.900	32.900	0	0	
<b>2C35</b>	Laundry room	1,00	1.504	1.504	0	0	
<b>2C36</b>	Decoration	1,00	9.400	9.400	0	0	
<b>2C37</b>	Trash baskets, complements,etc	1,00	7.050	7.050	0	0	
<b>2C38</b>	Gym equipment	1,00	4.230	4.230	0	0	
<b>2C39</b>	Short Track protections	1,00	15.040	15.040	0	0	
<b>2C40</b>	Curling Stones (16 uts)	1,00	7.520	7.520	0	0	
<b>2C41</b>	Lift	1,00	24.440	24.440	0	0	
<b>2C42</b>	Additional Curling Painting	1,00	0	0	0	0	

<b>3</b>		<b>OUTDOORS DEVELOPMENT WORKS</b>			<b>349.806</b>		
<b>3A1</b>	Preparing land works	m2	7725,25	14	108.926	0	0
<b>3A2</b>	Parking Lot Basement and Pavement	m2	3765,50	42	158.151	0	0
<b>3A3</b>	Parking Lot Painting & Stripping	ml	738,10	5	3.691	0	0
<b>3A4</b>	Landscaping	ut	1,00	15.000	15.000	0	0
<b>3A5</b>	Exterior lighting	ut	90,00	140	12.600	0	0
<b>3A6</b>	Sewerage	ml	305,00	65	19.825	0	0
<b>3A7</b>	Fences and doors	ml	371,92	85	31.613	0	0
	Seats	Pax/ Places	Car Area	Surface			
	1050	6	20	3500			
	CAR PLACES	175					
<b>4</b>		<b>PROPERTY DEVELOPMENT</b>			<b>112.500</b>		
<b>4A1</b>	Electrical connection cost	ml	150	100	15.000	0	0
<b>4A2</b>	Sewer connection cost	ml	150	60	9.000	0	0
<b>4A3</b>	Water connection cost	ml	150	40	6.000	0	0
<b>4A4</b>	Gas connection cost	ml	150	80	12.000	0	0
<b>4B1</b>	Utilities Cost During Construction	mth	18	500	9.000	0	0
<b>4B2</b>	Running Cost During Construction	mth	18	3.000	54.000	0	0
<b>4C1</b>	Building Permits (Municipality) 3%		3%	0	0	0	0
<b>4C2</b>	Applicable Taxes		2%	0	0	0	0
<b>4C3</b>	Municipal Inspection Fees		1	0	0	0	0
<b>4C4</b>	Construction and Other Insurances		1	7.500	7.500	0	0
<b>4D1</b>	Land Acquisition		0	0	0	0	0
<b>5</b>		<b>PLANNING AND DESIGN COSTS</b>			<b>496.130</b>		
<b>5A1</b>	Architectural / Civil Engineers Fees		0	0	0	0	0
<b>5A2</b>	Engineering Fees		0	0	0	0	0
<b>5A3</b>	Structural Engineering Fees		0	0	0	0	0
<b>5B1</b>	Project Management Fees		0	0	0	0	0
<b>5B2</b>	Legal Fees		0	0	0	0	0
<b>5B3</b>	Accounting Fees		0	0	0	0	0
<b>1</b>	<b>ICE RINK EQUIPMENTS</b>				<b>1.094.132</b>		<b>183,93 €/m2</b>
<b>2</b>	<b>GENERAL BUILDING CONSTRUCTION</b>				<b>3.404.864</b>		<b>572,37 €/m2</b>
<b>3</b>	<b>OUTDOORS DEVELOPMENT WORKS</b>				<b>349.806</b>		<b>756,29 €/m2</b>
			TOTAL		<b>4.848.802</b>		
	Contractor Profit		6%		290.928		
	Contractor General Expenses		13%		630.344		
			<b>TOTAL</b>			<b>5.770.075</b>	<b>969,97 €/m2</b>
<b>4</b>	<b>PROPERTY DEVELOPMENT</b>				112.500		
<b>5</b>	<b>PLANNING AND DESIGN COSTS</b>				496.130		
<b>6</b>	<b>CONTINGENCY FUNDS</b>	5%	5.770.075		288.504		<b>897.134</b>
			<b>TOTAL</b>			<b>6.667.209</b>	
			<b>(VAT not included)</b>				
	Indoor Sq m				5.949		<b>1.061,97 €/m2</b>
	Outdoor Sq m				3.766		<b>92,90 €/m2</b>