

IDAHO FALLS, IDAHO
IDAHO FALLS EVENT CENTER

MASTER SUMMARY

DRAFT Pre-Schematic Construction Cost Estimate
October 19, 2012
Updated: May 26, 2016

<u>SECTION</u>		<u>COST/SF</u>	<u>TOTAL</u>
EVENTS CENTER CORE & SHELL	127,150 GSF	168.80	\$21,463,000
EVENTS CENTER FIT-OUT	127,150 GSF	136.54	\$17,361,000
TOTAL (Construction)			\$38,824,000

NOTES: Costs are for Construction only.
Costs are based on an Traditional Open Competitive Bid Basis.
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**EVENTS CENTER
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<u>SECTION</u>			<u>COST/SF</u>	<u>TOTAL</u>
03 CONCRETE			19.50	\$2,464,000
04 MASONRY			2.00	\$264,000
05 METALS			27.75	\$3,515,000
07 THERMAL AND MOISTURE PROTECTION			18.50	\$2,358,000
08 DOORS AND WINDOWS			3.75	\$478,000
09 FINISHES			5.75	\$721,000
11 EQUIPMENT			0.25	\$25,000
14 CONVEYING SYSTEMS			0.50	\$70,000
21 FIRE SUPPRESSION			2.00	\$268,000
22 PLUMBING			1.50	\$206,000
23 HEATING, VENTILATING & AIR CONDITIONING			21.50	\$2,726,000
26 ELECTRICAL			12.00	\$1,534,000
28 ELECTRONIC SAFETY & SECURITY			1.75	\$229,000
31 EARTHWORK			8.00	\$1,021,000
32 EXTERIOR IMPROVEMENTS			2.75	\$335,000
33 UTILITIES			5.00	\$639,000
SUB-TOTAL	127,150	GSF	132.50	\$16,853,000
CONTRACTOR GENERAL CONDITIONS	6.5%		8.50	\$1,095,000
CONTRACTOR BOND	1.2%		1.50	\$202,000
CONTRACTOR OVERHEAD & PROFIT	5.0%		6.75	\$843,000
SUB-TOTAL	127,150	GSF	149.25	\$18,993,000
DESIGN CONTINGENCY, ALLOW	7.0%		10.50	\$1,330,000
INFLATION TO SPRING 2017, ALLOW	6.0%		9.00	\$1,140,000
TOTAL	127,150	GSF	168.75	\$21,463,000

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DETAIL - Core & Shell

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<u>SECTION</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>COST/SF</u>	<u>TOTAL</u>
03 CONCRETE				
Concrete Spread Footings, Reinf	1,400	CY	375.95	\$526,000
Concrete Foundation Walls, Reinf	5,300	SF	25.75	\$136,000
Concrete Slab on Grade w/ Base, Reinf	66,922	SF	5.82	\$389,000
Concrete Slab on Deck, Reinf - Floor	47,859	SF	5.00	\$239,000
Concrete Tilt-up Sandwich Panels	49,565	SF	23.69	\$1,174,000
			19.50	\$2,464,000
04 MASONRY				
CMU Wall, Exterior / Interior	13,500	SF	19.57	\$264,000
			2.00	\$264,000
05 METALS				
Steel Structure, Columns / Braced Frames	127,150	SF	3.61	\$459,000
Steel Structure, Floor	27,602	SF	24.72	\$682,000
Steel Structure, Roof	83,922	SF	17.51	\$1,469,000
Steel Deck, Floor	27,602	SF	2.99	\$83,000
Steel Deck, Roof	83,922	SF	2.21	\$185,000
Steel Guardrailings	1,200	LF	159.65	\$192,000
Steel Pan Stairs & Railings	24	FLT	18,540	\$445,000
			27.75	\$3,515,000

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07 THERMAL AND MOISTURE PROTECTION				
Waterproofing, Foundation	5,300	SF	6.95	\$37,000
Rigid Insulation, Foundation / Exterior Wall	26,828	SF	2.83	\$76,000
Rigid Insulation, Roof	83,922	SF	6.33	\$531,000
Membrane Roofing, Single Ply	83,922	SF	3.97	\$333,000
Metal Roof Flashings / Coping	2,950	LF	23.69	\$70,000
Metal Panel, Prefinished - Exterior Wall	41,184	SF	19.57	\$806,000
Metal Canopies	858	SF	70.04	\$60,000
Expansion Joints	280	LF	66.95	\$19,000
Fireproofing, Sprayed	127,150	SF	3.35	\$426,000
			18.50	\$2,358,000
08 DOORS AND WINDOWS				
Exterior Curtain Wall Frame, Insulated Glazing	1,000	SF	103.00	\$103,000
Aluminum Storefront Frame w/ Insul Glazing	700	SF	46.35	\$32,000
Exterior Door w/ Frame & Hardware, Per Leaf	73	EA	2,730	\$199,000
Overhead Coiling Door / Security Grilles	12	EA	12,000	\$144,000
			3.75	\$478,000
09 FINISHES				
Structural Stud Wall & Gyp Board	41,184	SF	17.51	\$721,000
			5.75	\$721,000

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11 EQUIPMENT				
Loading Dock Equipment, Allowance	1	LS	25,000	\$25,000
Center Hung Scoreboard / Scoreboards				In F,F&E
			<u>0.25</u>	<u>\$25,000</u>
 12 FURNISHINGS				
Furniture, Fixtures & Equipment				In F,F&E
 14 CONVEYING SYSTEMS				
Passenger Elevator, 2 Stop	1	EA	70,040	\$70,000
			<u>0.50</u>	<u>\$70,000</u>
 21 FIRE SUPPRESSION				
Fire Sprinkler System:				
Fire Sprinkler System	86,820	SF	3.09	\$268,000
			<u>2.00</u>	<u>\$268,000</u>

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22 PLUMBING				
Plumbing:				
Plumbing Equipment (Water Heaters, Tanks, Etc.)	5	EA	16,995	\$85,000
Plumbing Piping, Per Fixture	5	EA	1,751	\$9,000
Plumbing Specialties	127,150	GSF	0.88	\$112,000
			1.50	\$206,000
23 HEATING, VENTILATING & AIR CONDITIONING				
HVAC:				
Ductwork, Insulation & Devices	51,700	LBS	9.01	\$466,000
HVAC Equipment (DX)	127,150	GSF	13.39	\$1,703,000
HVAC Piping & Specialties	63,575	GSF	4.12	\$262,000
HVAC Control System	63,575	GSF	4.64	\$295,000
			21.50	\$2,726,000

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26 ELECTRICAL				
Panels, Transformers & Misc Electrical Gear	63,575	GSF	3.09	\$196,000
Emergency Generator w/ ATS - 500 KW	1	EA	169,950	\$170,000
Light Fixtures, Exterior	66	EA	824.00	\$54,000
Feeder & Branch Circuitry	127,150	GSF	6.70	\$852,000
Lightning Protection System	127,150	GSF	0.93	\$118,000
Electrical Specialties	127,150	GSF	1.13	\$144,000
Event Lighting				In Other Budget
			12.00	\$1,534,000
28 ELECTRONIC SAFETY & SECURITY				
Fire Alarm System	127,150	GSF	1.80	\$229,000
			1.75	\$229,000

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31 EARTHWORK				
Earthwork, Site Related:				
Clear & Rough Grade	693,500	SF	0.77	\$534,000
Imported Fill	4,700	CY	21.63	\$102,000
Earthwork, Building Related:				
Excavation & Backfill, Building & Foundation	5,350	CY	59.74	\$320,000
Structural Fill, Imported	3,000	CY	21.63	\$65,000
			8.00	\$1,021,000
32 EXTERIOR IMPROVEMENTS				
Site Improvements:				
Traffic Bridge w/ Foundations	3,000	SF	92.70	\$278,000
Pedestrian Bridge w/ Supports	50	LF	1,133	\$57,000
			2.75	\$335,000

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33 UTILITIES					
Utilities:					
Site Utilities, Allowance		1	LS	300,000	\$300,000
Electrical:					
Site Electrical Conduit & Wiring		2,000	LF	61.80	\$124,000
Site Lighting, Allowance		1	LS	215,000	\$215,000
				5.00	\$639,000
SUB-TOTAL		127,150	GSF	132.50	\$16,853,000
CONTRACTOR GENERAL CONDITIONS	6.5%			8.50	\$1,095,000
CONTRACTOR BOND	1.2%			1.50	\$202,000
CONTRACTOR OVERHEAD & PROFIT	5.0%			6.75	\$843,000
SUB-TOTAL		127,150	GSF	149.25	\$18,993,000
DESIGN CONTINGENCY, ALLOW	7.0%			10.50	\$1,330,000
INFLATION TO SPRING 2017, ALLOW	6.0%			9.00	\$1,140,000
TOTAL		127,150	GSF	168.75	\$21,463,000

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03 CONCRETE			6.00	\$772,000
05 METALS			1.00	\$142,000
06 WOOD AND PLASTICS			2.25	\$288,000
08 DOORS AND WINDOWS			4.50	\$566,000
09 FINISHES			23.25	\$2,965,000
10 SPECIALTIES			1.75	\$229,000
11 EQUIPMENT			10.75	\$1,373,000
13 SPECIAL CONSTRUCTION			10.00	\$1,261,000
14 CONVEYING SYSTEMS			0.50	\$70,000
22 PLUMBING			7.50	\$955,000
23 HEATING, VENTILATING & AIR CONDITIONING			8.00	\$1,023,000
26 ELECTRICAL			7.50	\$959,000
27 COMMUNICATIONS			3.25	\$410,000
28 ELECTRONIC SAFETY & SECURITY			0.75	\$100,000
32 EXTERIOR IMPROVEMENTS			19.75	\$2,519,000
SUB-TOTAL	127,150	GSF	107.25	\$13,632,000
CONTRACTOR GENERAL CONDITIONS	6.5%		7.00	\$886,000
CONTRACTOR BOND	1.2%		1.25	\$164,000
CONTRACTOR OVERHEAD & PROFIT	5.0%		5.25	\$682,000
SUB-TOTAL	127,150	GSF	120.75	\$15,364,000
DESIGN CONTINGENCY, ALLOW	7.0%		8.50	\$1,075,000
INFLATION TO SPRING 2017, ALLOW	6.0%		7.25	\$922,000
TOTAL	127,150	GSF	136.50	\$17,361,000

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03 CONCRETE				
Concrete Precast Tiered Seating	20,257	SF	38.11	\$772,000
			6.07	\$772,000
05 METALS				
Steel Catwalk & Railings	3,456	SF	41.20	\$142,000
			1.12	\$142,000
06 WOOD AND PLASTICS				
Millwork, Base / Upper Cabinets	800	LF	360.50	\$288,000
			2.27	\$288,000
08 DOORS AND WINDOWS				
Interior Window Frame, Tempered Glass	3,600	SF	44.29	\$159,000
Aluminum Sunshade Assembly, Exterior	2,000	SF	58.71	\$117,000
Interior Door w/ Frame & Hardware, Per Leaf	152	EA	1,906	\$290,000
			4.45	\$566,000

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09 FINISHES				
Metal Stud & Gyp Board Partitions	75,900	SF	12.36	\$938,000
Metal Stud Furring & Gyp Board	64,565	SF	9.79	\$632,000
Acoustical Tile Ceiling w/ Grid	59,932	SF	3.76	\$225,000
Vinyl Faced Acoustical Tile Ceiling w/ Grid	5,350	SF	5.00	\$27,000
Ceramic Tile, Floor & Wall	18,772	SF	13.39	\$251,000
Carpet, Commercial Grade	2,391	SY	33.99	\$81,000
Stain / Seal Concrete, Floor	100,510	SF	3.35	\$337,000
Paint, Walls, Ceilings & Misc	127,150	GSF	1.96	\$249,000
Misc Finishes (Acoustics, Etc.)	1	LS	225,000	\$225,000
			23.32	\$2,965,000

10 SPECIALTIES

Building Specialties (Bath Accessories, Fire Ext, Lockers, Signage, Etc.)	127,150	GSF	1.80	\$229,000
Advertising Bands / Panels				In F,F&E
			1.80	\$229,000

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11 EQUIPMENT				
Arena Seating, Fixed	3,050	EA	159.65	\$487,000
Suite / Loge Seating, Fixed	150	EA	283.25	\$42,000
Telescopic Seating (Folding Seats)	800	EA	530.45	\$424,000
Kitchen / Concessions Equipment, Allowance	1	LS	300,000	\$300,000
Curtain Track System, Allowance	1	LS	120,000	\$120,000
Center Hung Scoreboard / Scoreboards				In F,F&E
			10.80	\$1,373,000
12 FURNISHINGS				
Furniture, Fixtures & Equipment				In F,F&E
13 SPECIAL CONSTRUCTION				
Ice Rink Floor System	17,000	SF	74.16	\$1,261,000
Ice Rink Dasher Boards				In F,F&E
			9.92	\$1,261,000

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14 CONVEYING SYSTEMS				
Passenger Elevator, 2 Stop	1	EA	70,040	\$70,000
			0.55	\$70,000
22 PLUMBING				
Plumbing:				
Plumbing Fixtures	281	EA	1,648	\$463,000
Plumbing Piping, Per Fixture	281	EA	1,751	\$492,000
			7.51	\$955,000
23 HEATING, VENTILATING & AIR CONDITIONING				
HVAC:				
Ductwork, Insulation & Devices	51,700	LBS	9.01	\$466,000
HVAC Piping & Specialties	63,575	GSF	4.12	\$262,000
HVAC Control System	63,575	GSF	4.64	\$295,000
			8.05	\$1,023,000

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26 ELECTRICAL				
Panels, Transformers & Misc Electrical Gear	63,575	GSF	3.09	\$196,000
Light Fixtures, Interior	800	EA	473.80	\$379,000
Light Switches, Sensors & Outlets	1,050	EA	159.65	\$168,000
Lighting Control System	127,150	GSF	1.70	\$216,000
Event Lighting				In Other Budget
			7.54	\$959,000
27 COMMUNICATIONS				
Telecomm / Data System, Conduit Only	127,150	GSF	0.67	\$85,000
AV / TV System, Allowance (Cost Per Consultant)	1	LS	325,000	\$325,000
Arena Sound System				In Other Budget
			3.22	\$410,000
28 ELECTRONIC SAFETY & SECURITY				
Video Surveillance / Access Control System, Allowance	1	LS	100,000	\$100,000
			0.79	\$100,000

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32 EXTERIOR IMPROVEMENTS					
Site Improvements:					
Asphalt Paving w/ Base		463,360	SF	3.55	\$1,645,000
Concrete Paving w/ Base		63,513	SF	5.67	\$360,000
Concrete Curb & Gutter		10,400	LF	19.57	\$204,000
Canal Lining		27,000	SF	1.65	\$45,000
Landscaping & Irrigation, Allowance		1	LS	200,000	\$200,000
Site Specialties		1	LS	65,000	\$65,000
				19.81	\$2,519,000
SUB-TOTAL		127,150	GSF	107.21	\$13,632,000
CONTRACTOR GENERAL CONDITIONS	6.5%			6.97	\$886,000
CONTRACTOR BOND	1.2%			1.29	\$164,000
CONTRACTOR OVERHEAD & PROFIT	5.0%			5.36	\$682,000
SUB-TOTAL		127,150	GSF	120.83	\$15,364,000
DESIGN CONTINGENCY, ALLOW	7.0%			8.45	\$1,075,000
INFLATION TO SPRING 2017, ALLOW	6.0%			7.25	\$922,000
TOTAL		127,150	GSF	136.54	\$17,361,000

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