

City of Algona-Community Center Renovation - Schematic Design

Estimate of Probable Construction Cost

2/17/2011

Brooks Borg Skiles Architecture Engineering

Option 4

1.0 BUILDING CONSTRUCTION

1.1 General Construction		Area/Qnty.	\$/s.f.	Cost
1.1.1 City Administration/Council				
Lower Level				
	City Recreation Storage	938 s.f.	\$25.00	\$23,450
Main Level				
	City Administration Offices	3,073 s.f.	\$75.00	\$230,475
	Council Chambers	1,396 s.f.	\$75.00	\$104,700
	City Garages	1,460 s.f.	\$100.00	\$146,000
	Subtotal	6,867		\$504,625
1.1.2 Library				
Lower Level				
	Storage	1,153 s.f.	\$25.00	\$28,825
Main Level				
	Staff Work Area/Entry/Circ/Study Rooms	7,131 s.f.	\$75.00	\$534,825
Upper Level				
	Adult/Children Stacks	8,781 s.f.	\$150.00	\$1,317,150
	Elevator	1 ea	\$50,000.00	\$50,000
	New Internal Stair	1 ea	\$15,000.00	\$15,000
	Subtotal	17,065 s.f.		\$1,945,800
1.1.3 Performing Arts				
Main Level				
	Auditorium	3,687 s.f.	\$200.00	\$737,400
	Stage	3,631 s.f.	\$200.00	\$726,200
	Green Rooms	1,219 s.f.	\$75.00	\$91,425
Upper Level				
	Prop/Set/Costume Storage	1,324 s.f.	\$50	\$66,200
	Balcony	1,565 s.f.	\$50	\$78,250
	A/V Booth	121 s.f.	\$50	\$6,050
	Stinson Prairie Arts	2,339 s.f.	\$75	\$175,425
	Subtotal	13,886 s.f.		\$1,880,950
Theatrical Equipment				
	Auditorium Seating	539 ea	\$250	\$134,750
	Stage Dimming & Lighting Fixture Allowance	1 ea	\$225,000	\$225,000
	Stage Drapery & Rigging Allowance	1 ea	\$200,000	\$200,000
	A/V Equip (Mix Board & Speakers Allowance	1 ea	\$60,000	\$60,000
	Stage Thrust	1 ea	\$20,000	\$20,000
	Subtotal			\$639,750
1.1.4 Public Use Spaces				
Main Level				
	Gathering Space	1,095 s.f.	\$150.00	\$164,250
	Conference Room "A"	602 s.f.	\$75.00	\$45,150

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Upper Level	Conference Room "B & C"	963 s.f.	\$75.00	\$72,225
	Subtotal	2,660 s.f.		\$281,625

1.1.5 General Building Spaces

Main Level				
	Restrooms	1,167 s.f.	\$100.00	\$116,700
	Corridors & Stairs	4,463 s.f.	\$40.00	\$178,520
Upper Level				
	Restrooms	1,030 s.f.	\$100.00	\$103,000
	Corridors & Stairs	5,135 s.f.	\$40.00	\$205,400
	Janitors Closet	226 s.f.	\$40.00	\$9,040
	Subtotal	12,021 s.f.		\$612,660
	Elevator	1 ea	\$50,000.00	\$50,000
	New Stair at Gathering Space	1 ea	\$15,000.00	\$15,000
	Subtotal			\$65,000

General Construction Subtotal	\$5,930,410
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1.2 Mechanical Construction	Size in s.f.	\$/s.f.	Cost
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1.2.1 Mechanical Systems			
	Net Area Subtotal	59,147 s.f.	\$30.00
			\$1,774,410

Mechanical Construction Subtotal	\$1,774,410
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1.3 Electrical Construction	Size in s.f.	\$/s.f.	Cost
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1.3.1 Electrical Systems			
	Net Area Subtotal	59,147 s.f.	\$15.00
			\$887,205

Electrical Construction Subtotal	\$887,205
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1.4 Building Related Sitework	No.	Units	\$/Unit	Cost
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	Sidewalk/Pavement Demolition	1,214 s.f.	\$0.80	\$971
	Site Paving (Sidewalks & Plazas)	1,017 s.f.	\$5.00	\$5,085
	Garage / Access Drives	3,339 s.f.	\$6.00	\$20,034
	Loading Dock Driveway	1,260 s.f.	\$6.00	\$7,560
Site Allowances				
	Access Drive/Drop-Off	1 ea	\$5,000.00	\$5,000
	Landscaping	1 ea	\$5,000.00	\$5,000
	Exterior Signage & Information Systems	1 ea	\$2,000.00	\$2,000
	Entry Wall & Canopy	1 ea	\$25,000.00	\$25,000

Building Related Sitework Subtotal	\$70,650
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General Building Construction	TOTAL \$8,662,675
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2.0 SITEWORK

2.2 Parking Lots

Off-Site Lot-City Lot	30 stalls	\$750	\$22,500
Off-Site Lot-Annex Lot	30 stalls	\$750	\$22,500
Annex Building Demolition	7,500 s.f.	\$25	\$187,500
On-Site Stalls (North)	23 stalls	\$750	\$17,250
Parking Lot Subtotal			\$249,750

General Site Work	TOTAL	\$249,750
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Estimate Subtotal	\$8,912,425
10% Contingency	\$891,243

ESTIMATE OF PROBABLE CONSTRUCTION COST	\$9,803,668
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