

**Northfield Community Recreation Center (NCRC) - Wellness Wing
Asphalt Shingle Roof Replacement**

ATS&R PROJECT NO. 17021

6-Jul-17

ESTIMATED CONSTRUCTION COSTS

No.	Description	Unit	Unit Price	Est Constr Cost
	Asphalt shingle over vented nail base insul. (T & G deck area)	5,500 sf	7.00	\$ 38,500
	Asphalt shingle over sheathing at attic space (non pool area)	13,000 sf	4.00	\$ 52,000
	Ridge vent	180 lf	10.00	\$ 1,800
	High / low roof transition	180 lf	25.00	\$ 4,500
	Closed cell polyurethane spray foam insulation (7 inches)	2,500 sf	6.00	\$ 15,000
	Remove blown fiberglass insulation	2,500 sf	1.50	\$ 3,800
	Replaced deteriorated deck sheathing	1 ls	1,500	\$ 1,500
Subtotal Estimated Construction Cost				\$ 117,100
Estimating Contingency				15% \$ 17,565
Total Estimated Construction Cost				\$ 134,665

ESTIMATED PROJECT COSTS

Total Estimated Construction Cost		134,665
Estimated A/E Fee	10%	13,467
Estimated A/E Reimbursable Expenses	\$	3,400
State / City Plan Review & Permits	5%	6,700
Mechanical Testing and Ballancing of existing pool dehumidification system		5,000
Special Consultants		-
Fixtures, Furniture, and Equipment	0%	-
SAC / WAC (Sewer Access Charges / Water Access Charges)		-
Subtotal Estimated Project Cost	\$	163,232
Contingency	10%	16,320
Total Estimated Project Cost	\$	179,552

Notes:

- 1) DOES NOT INCLUDE REMOVAL AND OR REINSTALLATION OF SOLAR PANELS
- 2) Does not include Legal, Interest or Hazardous Material costs

© Copyright 2017 Armstrong Torseth Skold & Rydeen, Inc