

RPAC Aquatic Center Pool Project

Roeland Park, KS

WATERS EDGE AQUATIC DESIGN, LLC

5/7/2019

Layout Summary	Est. Project Cost
Layout 1 - 11,966 s.f.	\$ 1,353,446
Layout 2 - 12, 128 s,f,	\$ 3,307,742
Layout 3 - 12,805 s.f.	\$ 2,631,940
Layout 4 - 12,191 s.f.	\$ 3,293,394

Pool Area	#VALUE!
	Unit
Item	Cost
Layout 1 - 11,966 s.f.	
Demo - Vortex pool and surrounding concrete	\$ 42,000
Shade Structures - 10x20'	\$ 60,375
Splash Pad - 2,189 s.f. - 3,000 s.f. (layouts 2-4)	
Demo - Sand pit & wading pool and surrounding concrete	\$ 39,375
Splashpad and shade area addition	\$ 295,313
Interactive Play Structure	\$ -
Shade Structures - 16' Hexigon	\$ 24,609
Fence and Gates - spashpad	\$ 13,781
Features Pump	\$ 7,875
Sprays - Pony Tail (Water Odyssey)	\$ 3,203
Sprays - Underwater Bubbler (Water Odyssey)	\$ 3,176
Sprays - Water Cage, Spashpad	\$ 13,700
Sprays - Simple Spray, Splashpad	\$ 2,945
Sprays - Water Flower, Splashpad	\$ 3,266
Sprays - Directional Eyeball	\$ -
Sprays - Splash O Lator, Splashpad	\$ 2,187
Sprays - dumping bucket?	\$ -
Play Structure	\$ 166,031
Piping	\$ 65,625
	\$ 641,085
Misc. Improvements	
ADA rails and landing for zero depth entry	\$ 15,750
ADA chair	\$ 5,250
Bench with shade structure	\$ 13,125
Lighting	\$ 36,000
Water Treatment	\$ 50,000
Recirculation Pumps	\$ 25,000
Misc. Filter Room	\$ 15,000
Zero-Depth Sprays	
Sprays - Underwater Bubbler (Water Odyssey)	\$ 3,176
Demo and concrete replacements	\$ 27,563
Piping	\$ 65,625
Features Pump	\$ 7,875
	\$ 104,239



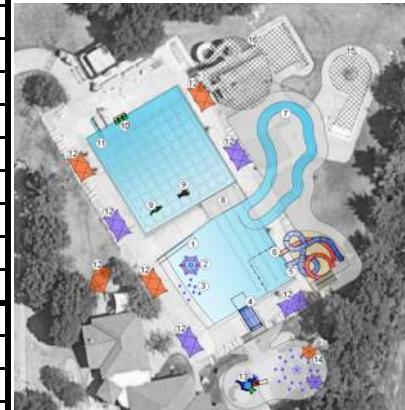
Roeland Park Aquatic Center Pool Project
Cost Workseet: Conecpt 5/6/19

Opinion of CONSTRUCTION Cost	\$ 1,007,824
Design and Construction Administration	\$ 100,782.41
Construction Inspection	\$ 14,226
Quality Control Testing	\$ 5,039.12
Project Subtotal	\$ 1,127,871
Contingency	\$ 225,574.28
Opinion of PROJECT Cost with Contingency	\$ 1,353,446

Roeland Park Aquatic Center Pool Project
Cost Worksheet: Concepts 5/6/19

Layout 2 (Additive to Layout 1) - 12,128 s.f.

Demo - Slides and slide pool	\$ 45,938
Reconfigure bulkhead	\$ 29,531
Floatables - 42" Diameter floatable	\$ 14,175
Lazy River - 1,571 s.f.	
Lazy River Addition with pump and jets	\$ 590,625
Pool deck - inside lazy river (3)	\$ 21,483
Pool deck - around lazy river (3)	\$ 28,035
	\$ 640,143
Water Slides	
Family slide	\$ 158,288
32" Enclosed Body Water Slide - Approx. 150' long - A	\$ 157,238
Open body slide - 42" Open Body Water Slide (w/tower)	\$ 274,838
Pool deck - around water slides (2,4)	\$ 13,230
Painted structures option	\$ 16,013
Pump Pit	\$ 39,375
Water Slide Pumps	\$ 39,375
Water Slide Piping	\$ 32,813
	\$ 731,168
Opinion of CONSTRUCTION Cost	\$ 1,460,954
Design and Construction Administration	\$ 146,095.43
Construction Inspection	\$ 14,226
Quality Control Testing	\$ 7,304.77
Project Subtotal	\$ 1,628,580
Contingency	\$ 325,716.04
Opinion of PROJECT Cost with Contingency	\$ 1,954,296



Roeland Park Aquatic Center Pool Project
Cost Workseet: Conecpt 5/6/19

Layout 3 (Additive to Layout 1)	
Demo - Slides and slide pool	\$ 45,938
Floatables - 42" Diameter floatable	\$ 14,175
Lazy River - 1,571 s.f.	
Lazy River Addition with pump and jets	\$ 590,625
Pool deck - inside lazy river (3)	\$ 21,483
Pool deck - around lazy river (3)	\$ 19,467
	\$ 631,575
Water Slides	
Speed Slide, Runout	\$ 262,500
Pool deck - speed slide (3)	\$ 21,074
Family slide	\$ 158,288
Painted structures option	\$ 16,013
Pump Pit	\$ 26,250
Water Slide Pumps	\$ 26,250
Water Slide Piping	\$ 32,813
	\$ 259,613
Opinion of CONSTRUCTION Cost	
Design and Construction Administration	\$ 95,130.00
Construction Inspection	\$ 14,226
Quality Control Testing	\$ 4,756.50
Project Subtotal	\$ 1,065,412
Contingency	\$ 213,082.45
Opinion of PROJECT Cost with Contingency	
	\$ 1,278,495



Roeland Park Aquatic Center Pool Project
Cost Workseet: Conecpt 5/6/19

Layout 4 (Additive to Layout 1)	
Demo - Slides and slide pool	\$ 45,938
Reconfigure bulkhead	\$ 29,531
Floatables - 42" Diameter floatable	\$ 14,175
<u>Lazy River - 1,634 s.f.</u>	
Lazy River Addition with pump and jets	\$ 590,625
Pool deck - inside lazy river (3)	\$ 21,483
Pool deck - around lazy river (3)	\$ 19,467
	\$ 631,575
<u>Water Slides</u>	
Family slide	\$ 158,288
32" Enclosed Body Water Slide - Approx. 150' long - A	\$ 157,238
Open body slide - 42" Open Body Water Slide (w/tower)	\$ 274,838
Pool deck - around water slides (2,4)	\$ 10,978
Painted structures option	\$ 16,013
Pump Pit	\$ 39,375
Water Slide Pumps	\$ 39,375
Water Slide Piping	\$ 32,813
	\$ 728,915
Opinion of CONSTRUCTION Cost	\$ 1,450,134
Design and Construction Administration	\$ 145,013.40
Construction Inspection	\$ 14,226
Quality Control Testing	\$ 7,250.67
Project Subtotal	\$ 1,616,624
Contingency	\$ 323,324.76
Opinion of PROJECT Cost with Contingency	\$ 1,939,949

