

Project: Schussler All-Inclusive Playground
 Client: Village of Orland Park
 Project No.: 230159
 Date: November 28, 2023



CONCEPT Cost Opinion - PLAYGROUND

SECTION	DESCRIPTION	QUANTITY	UNIT	UNIT COST	EXTENDED COST	SUBTOTAL
116800 Play Field Equipment and Structures						
	Playground Equipment	1	LS	\$ 292,923	\$ 292,930	
	Installation of Playground Equipment	1	50%	\$ 146,462	\$ 146,470	
Section Subtotal:						\$ 439,400
311000 Site Clearing						
	silt fence - Playground	350	LF	\$ 5	\$ 1,750	
	temporary construction fence - Playground	550	LF	\$ 6	\$ 3,300	
	inlet protection - Playground	1	EA	\$ 400	\$ 400	
	tree protection - Playground	210	LF	\$ 5	\$ 1,050	
Section Subtotal:						\$ 6,500
312000 Earth Moving						
	balanced earthwork - Playground	370	CY	\$ 30	\$ 11,100	
Section Subtotal:						\$ 11,100
321313 Concrete Paving and Curbs						
	PCC Sidewalk and Stone Base - Playground	2,880	SF	\$ 15	\$ 43,200	
	Thickened Concrete Edge	315	LF	\$ 50	\$ 15,750	
Section Subtotal:						\$ 58,950
321816.13 Playground Protective Surfacing						
	play surfacing - PIP	6,085	SF	\$ 22	\$ 133,870	
Section Subtotal:						\$ 133,870
323300 Site Furnishings						
	Bench	4	EA	\$ 1,500	\$ 6,000	
	Installation of Site Furnishings	1	35%	\$ 2,100	\$ 2,100	
Section Subtotal:						\$ 8,100
329200 Turf and Grasses						
	Seed and Blanket - Playground	175	SY	\$ 3	\$ 530	
Section Subtotal:						\$ 530

329300 Plants						
Shade Tree - 3" Caliper Playground	9	EA	\$	750	\$	6,750
Section Subtotal:						\$ 6,750

334200 Storm Utility Drainage Piping						
6" PVC	73	LF	\$	75	\$	5,480
Connect to Existing Storm Structure	1	LS	\$	1,500	\$	1,500
Section Subtotal:						\$ 6,980

334600 Sub drainage						
Cleanout	1	EA	\$	1,500	\$	1,500
6" Underdrain (pipe, aggregate, filter fabric incidental)	75	LF	\$	75	\$	5,630
Section Subtotal:						\$ 7,130

Construction Cost Subtotals: **\$ 679,300**

Contracting and General Requirements						
contracting and general requirements	1	LS		8%		\$54,300
Contracting and General Requirements Subtotals:						\$ 54,300

Escalation						
Escalation per year	2	YEAR		6%	\$	88,032
Subtotal:						\$ 88,000

Total Hard Construction Costs: **\$ 821,600**

Soft Costs						
design contingency	1	LS		5%	\$	41,100
construction contingency	1	LS		5%	\$	43,100
A/E professional fees	1	LS		10%	\$	90,600
Total Soft Costs:						\$ 174,800

Construction Cost Total: \$ 996,400