

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
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Shade Tree - 3" Caliper Playground	9	EA	\$	750	\$	6,750
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Section Subtotal:	\$ 6,750
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334200 Storm Utility Drainage Piping

6" PVC	73	LF	\$	75	\$	5,480
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Connect to Existing Storm Structure	1	LS	\$	1,500	\$	1,500
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Section Subtotal:	\$ 6,980
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334600	Sub drainage
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Cleanout	1	EA	\$	1,500	\$	1,500
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6" Underdrain (pipe, aggregate, filter fabric incidental)	75	LF	\$	75	\$	5,630
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Section Subtotal:	\$ 7,130
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Construction Cost Subtotals:	\$ 679,300
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Contracting and General Requirements

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

Escalation per year	2	YEAR	6%	\$	88,032
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Subtotal:	\$ 88,000
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Total Hard Construction Costs: \$ 821,600

Soft Costs

design contingency	1	LS	5%	\$	41,100
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construction contingency	1	LS	5%	\$	43,100
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A/E professional fees	1	LS	10%	\$	90,600
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Total Soft Costs:	\$ 174,800
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Construction Cost Total:	\$ 996,400
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