

ORDER-OF-MAGNITUDE COST ESTIMATE
Longfellow Park Concept - Oak Park Park District
1516-23-01-MP

1/5/2024 9:16		Longfellow Park		Approx. Quantity	Unit	Unit Price	Subtotal
		Item / Description					
GENERAL CONDITIONS							
a.		Mobilization/Demobilization		1	LUMP SUM	\$ 10,000.00	\$ 10,000.00
b.		Bond & Insurance		1	LUMP SUM	\$ 40,000.00	\$ 40,000.00
c.		Construction Staking and Layout		1	LUMP SUM	\$ 8,500.00	\$ 8,500.00
d.		Temporary Sanitary Facilities		1	LUMP SUM	\$ 800.00	\$ 800.00
SUBTOTAL							\$ 59,300.00
A. REMOVALS AND DEMOLITION							
a.		Existing Unit Pavers, remove, clean & Palletize for Salvage by Owner		218	SF	\$ 16.00	\$ 3,488.00
b.		Existing Sand Play Area					
	1	Sand, geotextile fabric, subgrade		461	SF	\$ 16.00	\$ 7,376.00
	2	Barrier Curb		90	LF	\$ 30.00	\$ 2,700.00
c.		Existing Concrete Pavement					
	1	Existing Walks		11,335	SF	\$ 15.00	\$ 170,025.00
	2	Existing Tennis Court		3,030	SF	\$ 15.00	\$ 45,450.00
d.		Existing Playground					
	1	Existing PIP Play Surface, full depth including geotextile fabric and drainage		4,911	SF	\$ 12.00	\$ 58,932.00
	2	Existing Playground Equipment includeing Footing		1	LUMP SUM	\$ 9,000.00	\$ 9,000.00
e.		Existing Splash Pad				\$ 3.00	\$ -
	1	Concrete Surface		951	SF	\$ 15.00	\$ 14,265.00
	2	Infrastructure		1	LUMP SUM	\$ 5,000.00	\$ 5,000.00
f.		Existing Site Furnishing					
	1	Existing Benches		6	EACH	\$ 300.00	\$ 1,800.00
	2	Existing Signages		10	EACH	\$ 300.00	\$ 3,000.00
g.		Existing Landscape					
	1	Clear and Grub Existing Shrubs		1	LUMP SUM	\$ 2,000.00	\$ 2,000.00
	2	Existing Tree to Transplant		1	EACH	\$ 500.00	\$ 500.00
h.		Existing Site Utilities					
	1	Pedestrian Lights		4	EACH	\$ 1,000.00	\$ 4,000.00
	2	Field Lights		4	EACH	\$ 1,000.00	\$ 4,000.00
	3	Drainage		1	LUMP SUM	\$ 8,000.00	\$ 8,000.00
i.		Existing Fence					
	1	Existing Ornamental Fence		146	LF	\$ 15.00	\$ 2,190.00
	2	Existing Chain Link Fence		437	LF	\$ 15.00	\$ 6,555.00
SUBTOTAL							\$ 348,281.00
B. SITE PREPARATION							
a.		Stabilized Construction Entrance		1	EA	\$ 2,500.00	\$ 2,500.00
b.		Concrete Washout		1	EA	\$ 1,000.00	\$ 1,000.00
c.		6-ft Chain Link Temporary Construction Fencing		843	LF	\$ 9.50	\$ 8,008.50
d.		Project Sign		1	EA	\$ 800.00	\$ 800.00
SUBTOTAL							\$ 12,308.50
C. EROSION CONTROL MEASURES							
a.		Tree Protecting Fence		402	LF	\$ 4.00	\$ 1,608.00
b.		Erosion Control - Inlet Protection		4	EA	\$ 250.00	\$ 1,000.00
c.		Silt Fence - Comply with IL Urban Manual		835	LF	\$ 4.00	\$ 3,340.00
SUBTOTAL							\$ 5,948.00
D. SITE GRADING & EXCAVATION							
SUBTOTAL							\$ 30,000.00
E. SITE DRAINAGE							
SUBTOTAL							\$ 35,000.00

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F. CONCRETE & FLATWORK						
a.	Concrete					
	1	5-in Fiber reinforced Sidewalk & Plaza	3,600	SF	\$ 15.00	\$ 54,000.00
	2	5-in Fiber reinforced with Shake on Color Accent	-	SF	\$ 18.00	\$ -
	3	5-in Fiber reinforced Concrete for Splash Pad	2,550	SF	\$ 15.00	\$ 38,250.00
	4	6x18 Barrier Curb at Creative Play Area	-	LF	\$ 40.00	\$ -
	5	Thicken Edge along Sidewalk	270	LF	\$ 20.00	\$ 5,400.00
b.	Asphalt					
	1	HMA Path (8-in CA-6 Compact & 3-in Surface)	-	SY	\$ 52.00	\$ -
	2	HMA Pickleball Courts (10-in CA-6 Compact, 1.5-in Surface, 2.5-in Binder, Acrylic Color Coating)	800	SY	\$ 58.00	\$ 46,400.00
c.	Unilock Hollandstone Paver					
			1,300	SF	\$ 35.00	\$ 45,500.00
d.	Composite Granite Path					
			820	SF	\$ 20.00	\$ 16,400.00
SUBTOTAL						\$ 205,950.00
H. RECREATION AMENITIES						
a.	Pickleball Courts Striping					
			7,200	SF	\$ 5.00	\$ 36,000.00
b.	Pickleball Courts Post and Net					
			4	PAIR	\$ 800.00	\$ 3,200.00
c.	Install Recreational Lighting (include electrical work)					
			1	LUMP SUM	\$ 125,000.00	\$ 125,000.00
d.	Site Security Lighting					
			1	LUMP SUM	\$ 40,000.00	\$ 40,000.00
SUBTOTAL						\$ 204,200.00
I. CREATIVE PLAY AREAS						
a.	Play Equipment (show in example plan)					
	1	Equipment (by LSI, shipping included)	1	LUMP SUM	\$ 225,000.00	\$ 225,000.00
	2	Play equipment installation (40%) (Another Option from LSI cost \$210,000 for equipment, \$84,000 for installation)	1	LUMP SUM	\$ 90,000.00	\$ 90,000.00
c.	Synthetic Turf (Forever Lawn, Furnished Installed, 2" SafetyFoam Pro)					
			6,140	SF	\$ 26.50	\$ 162,710.00
d.	Engineered Wood Fiber					
				CY	\$ 60.00	\$ -
e.	Poured-in-Place Rubber					
				SF	\$ 26.00	\$ -
SUBTOTAL						\$ 477,710.00
J. SPLASH PAD						
a.	Play Features (by Aquatix) (show in example plan)					
	1	Design & Construction Drawing				
	2	Sealed Engineering Stamp				
	3	Splash Features and Mechanicals				
	4	System Startup and Training				
b.	Installation (80%) (Another Option from Aquatix cost \$62,000 for equipment, \$50,000 for installation)					
			1	LUMP SUM	\$ 71,200.00	\$ 71,200.00
c.	Arbor					
			1	LUMP SUM	\$ 40,000.00	\$ 40,000.00
SUBTOTAL						\$ 200,200.00

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K. SITE FURNISHINGS						
a.		Install Precast Concrete Seat Wall				
	1	Precast Concrete Wall Base (1.5x1.5-FT)	65	LF	\$ 150.00	\$ 9,750.00
	2	Dumor 520 Wall Mounted Bench System (WR541)	6	EACH	\$ 4,000.00	\$ 24,000.00
b.		Install Unilock Olde Quarry Planter				
	1	Retaining Wall (Landscape Berms near Playground)	1	LUMP SUM	\$ 10,000.00	\$ 10,000.00
	2	Planter (Sensory Garden)	1	LUMP SUM	\$ 14,000.00	\$ 14,000.00
c.		Install DuMor Site Furniture				
	1	6-ft Backed Benches	7	EACH	\$ 1,000.00	\$ 7,000.00
	2	6-ft Backless Benches	3	EACH	\$ 1,800.00	\$ 5,400.00
d.		Install Tornado Shade				
	1	16-ft Tornado Shade	2	EACH	\$ 22,000.00	\$ 44,000.00
e.		Others (Installed)				
	1	Bicycle rack	-	EACH	\$ 1,300.00	\$ -
	2	Picnic Table (ADA accessible)	-	EACH	\$ 5,000.00	\$ -
	3	Recepticle	-	EACH	\$ 1,400.00	\$ -
f.		Install Portland Loo				
	1	Equipment (include shipping)	1	EACH	\$ 96,000.00	\$ 96,000.00
	2	Installation (Assembly, Plumbing, Electrical)	1	LUMP SUM	\$ 40,000.00	\$ 40,000.00
		SUBTOTAL				\$ 250,150.00
L. SITE RESTORATION						
		SUBTOTAL				\$ 25,000.00
M. PLANTING AND LANDSCAPE						
a.		Canopy/Shade Trees	2	EA	\$ 1,000.00	\$ 2,000.00
b.		Ornamental Trees	2	EA	\$ 750.00	\$ 1,500.00
c.		Shrubs	5	EA	\$ 125.00	\$ 625.00
d.		Ground Cover & Perennial	3,200	SQFT	\$ 20.00	\$ 64,000.00
e.		Sensory Garden Landscaping	1	LUMP SUM	\$ 40,000.00	\$ 40,000.00
		SUBTOTAL				\$ 108,125.00
N. ALLOWANCES						
a.		Permit Allowance	1	ALLOWANCE	\$ 2,500.00	\$ 2,500.00
b.		Unsuitable Soil Removal/Replacement	1	ALLOWANCE	\$ 5,000.00	\$ 5,000.00
c.		SE/SC	1	ALLOWANCE	\$ 2,500.00	\$ 2,500.00
d.		Grading	1	ALLOWANCE	\$ 25,000.00	\$ 25,000.00
		SUBTOTAL				\$ 35,000.00
		PROJECT CONSTRUCTION SUBTOTAL				\$ 1,997,173.00
O. CONTINGENCIES						
b.		2024 dollars to 2025 dollars	4.500%	ALLOWANCE		\$ 89,872.79
c.		Design	5.500%	ALLOWANCE		\$ 109,844.52
d.		Construction	5.500%	ALLOWANCE		\$ 109,844.52
		SUBTOTAL				\$ 309,600.00
		TOTAL INCLUDING ALLOWANCES				\$ 2,306,773.00
		DESIGN/ENGINEERING/CONSTRUCTION ADMINISTRATION FEES		10.000%		\$ 230,677.30
		TOTAL PROJECT BASE COST WITH CONTINGENCIES & FEES				\$ 2,537,450.30