

Rainier Beach Skatepark

30% Schematic Design

City of Seattle Parks and Recreation

Project Number:

Ordinance No.

Parks Specification No.

PW No.

ESTIMATE OF PROBABLE CONSTRUCTION COST

Last Updated: September 15th, 2022

Total project area (Overall) = 22,804 SF (100% of project area)



MOBILIZATION					TOTAL PROJECT	Notes
Item	Description	Quantity (Updated)	Unit	Unit Costs	Subtotal	
	Mobilization 8% (Based on Base Bid, including Additives)	0.8	8%	\$146,000.00	\$146,000.00	Mobilization, Good site access
					\$146,000.00	
DEMOLITION & CLEARING					BASE BID ITEMS	
Item	Description	Quantity (Updated)	Unit	Unit Costs	Subtotal	
	Temporary Sedimentation & Erosion Control	0.5	ACRES	\$15,000.00	\$7,800.00	Temp. Facilities and Control
	Filter Fence	220	LF	\$12.00	\$2,640.00	
	Construction Access	1	EA	\$2,500.00	\$2,500.00	Const. Stormwater Control and Erosion Control
	Tree Protection	500	LF	\$4.75	\$2,375.00	
	Clear and Grub / Stripping top 4" for all future paved areas	20,503	SF	\$0.25	\$5,125.75	
	Significant trees to be Removed (Mulch canopy, remove rootwads/stump grinding & haul)	2	EA	\$1,000.00	\$2,000.00	
	Temp Const. Fence	996	LF	\$4.75	\$4,731.00	
	Demo existing Asph. Drive (Assum 4" depth, 225 SF)	2,290	SF	\$3.50	\$8,015.00	
	Demo existing Conc. Pads and bollards (300 SF)	300	SF	\$2.50	\$750.00	
	Dispose of asph and conc debris	10	CY	\$25.00	\$250.00	
					\$36,186.75	
EARTHWORK					BASE BID ITEMS	
Item	Description	Quantity (Updated)	Unit	Unit Costs	Subtotal	
	Haul Away Stripped Organic Material (4" in non-landscape areas- where not cutting)	251	CY	\$25.00	\$6,264.81	Earthwork
	Grading (Cut & Fill on site with Equipment, Cut = 3796)	1,660	CY	\$10.00	\$16,599.07	
	Grading (Export, Load, Haul and Dump)	1,660	CY	\$25.00	\$41,497.69	
	Topsoil for Planting Area (1855 SF @6" depth)	29	CY	\$40.00	\$1,160.00	
	Topsoil for Bioretention Area (832 SF @ 18" depth)	46	CY	\$50.00	\$2,300.00	
	Lawn Topsoil, 6" deep (25,447 SF)	472	CY	\$40.00	\$18,880.00	Soil prep
	General Landscape/ Topsoil, 12" deep (2,000 SF)	74	CY	\$40.00	\$2,960.00	
					\$89,661.56	
STORM DRAINAGE UTILITIES					BASE BID ITEMS	
Item	Description	Quantity (Updated)	Unit	Unit Costs	Subtotal	
	6" French Drain		LF	\$36.00	\$0.00	Included in cost per SF of skatepark
	6" Storm Drain Pipe		LF	\$36.00	\$0.00	
	8" Storm Drain Pipe		LF	\$40.00	\$0.00	Included in cost per SF of skatepark
	Catch Basin Type 1		EA	\$2,000.00	\$0.00	
	Washed Sandy Aggregate for Perf. Pipe		CY	\$35.00	\$0.00	Included in cost per SF of skatepark
	Storm Drain Cleanouts		EA	\$250.00	\$0.00	
	Bioretention 12" Washed Sandy Gravel	832	SF	\$5.00	\$4,160.00	Included in cost per SF of skatepark
	Bioretention Area Overflow	2	EA	\$750.00	\$1,500.00	
					\$5,660.00	
OTHER UTILITIES					BASE BID ITEMS	
Item	Description	Quantity (Updated)	Unit	Unit Costs	Subtotal	
	4" Ductile Iron Conduit	20	LF	\$50.00	\$1,000.00	

					\$1,000.00
	SKATEPARK				BASE BID ITEMS
Item	Description	Quantity (Updated)	Unit	Unit Costs	Subtotal
	Skatepark (including stormwater infrastructure)	12,805	SF	\$86.00	\$1,101,230.00
					\$1,101,230.00
	SHELTERS				BASE BID ITEMS
Item	Description	Quantity (Updated)	Unit	Unit Costs	Subtotal
	Cloverbowl shelter	1,268	SF	\$200.00	\$253,600.00
	Streetskate shelter	984	SF	\$200.00	\$196,800.00
					\$450,400.00
	POWER				BASE BID ITEMS
Item	Description	Quantity (Updated)	Unit	Unit Costs	Subtotal
	Lighting	1	LS	\$35,000.00	\$35,000.00
					\$35,000.00
	PAVING, CURBING, APPURTENANCES				BASE BID ITEMS
Item	Description	Quantity (Updated)	Unit	Unit Costs	Subtotal
	Concrete Curb	800	LF	\$40.00	\$32,000.00
	A/C pavement w/ base material 3"/4" (Parking lot, driveways, & maint. routes)	70	SY	\$33.00	\$2,310.00
	Concrete Walkways	25	SY	\$60.00	\$1,500.00
	Concrete Paving- Driveable entry plaza	44	SY	\$65.00	\$2,860.00
	Synthetic Playgrass at gathering areas	1,576	SF	\$18.00	\$28,368.00
					\$67,038.00
	PARK AMENITIES: SITE FURNISHINGS				BASE BID ITEMS
Item	Description	Quantity (Updated)	Unit	Unit Costs	Subtotal
	Picnic Tables	7	EA	\$1,500.00	\$10,500.00
	Bike Racks	4	EA	\$600.00	\$2,400.00
	Barbeques	5	EA	\$500.00	\$2,500.00
	Trash cans	2	EA	\$350.00	\$700.00
	Seat Boulders (1.5-2 ton)	6	EA	\$250.00	\$1,500.00
					\$17,600.00
	PLANTING & IRRIGATION				BASE BID ITEMS
Item	Description	Quantity (Updated)	Unit	Unit Costs	Subtotal
	Bioretention Plantings (832 SF, 290 plants - 1 gal.)	290	EA	\$8.00	\$2,320.00
	Bioretention Groundcover (362 SF, 188 plants- 4" pots)	188	EA	\$6.00	\$1,128.00
	Mulch for Bioretention plantings (3" , 832 SF)	8	CY	\$30.00	\$240.00
	Mulch for Trees (6" - 7 SF / tree)	1	CY	\$30.00	\$30.00
	Compost to amend soil for all tree plantings (6 CF/tree)	1	CY	\$45.00	\$22.50
	Tree Planting	2	EA	\$150.00	\$300.00
	Hydroseed Mix	2,000	SF	\$0.24	\$480.00
	Shrub MP Rotators (new Valve)	1,855	SF	\$1.15	\$2,133.25
	Temp irrigation for lawn establishment	2,000	SF	\$0.95	\$1,900.00
	Tree Bubblers per Tree, Two Bubbler assemblies per Tree	6	EA	\$200.00	\$1,200.00
	Shrub Irrigation, Spray, installed (New Valve)	300	LF	\$1.40	\$420.00
	Quick Couplers	6	EA	\$325.00	\$1,950.00
	Connect to existing irrigation	1	LS	\$1,000.00	\$1,000.00
					\$13,123.75

TOTAL PROJECT **\$1,962,900.06**

W/ Contractor Overhead- 15% **\$2,257,335.07**