City of Hudson Engineering Department Cost Estimate for:

Middleton Park Inclusive Park Project

March, 2023

REF. NO.	ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
General						
1	201	Clearing, Grubbing and Pruning	1	LS	\$10,000.00	\$10,000.00
2	614	Maintenance of Traffic	1	LS	\$10,000.00	\$10,000.00
3	623	Construction Layout Staking	1	LS	\$10,000.00	\$10,000.00
4	624	Mobilization	1	LS	\$20,000.00	\$20,000.00
8	832	Sedimentation and Erosion Controls	1	LS	\$5,000.00	\$5,000.00
9	SPCL	Preconstruction Video	1	LS	\$3,000.00	\$3,000.00
10	SPCL	Record Drawings and As Built Surveys	1	LS	\$2,500.00	\$2,500.00
Total for G	General Se	ection				\$60,500.00
Site Prepa	ration / D	emolition				
11		Laydown/Staging Area	1	LS	\$5,000.00	\$5,000.00
12		Gravel Parking Lot Removed	1500	SY	\$5.00	\$7,500.00
13		Gravel Driveway Removed	40	SY	\$5.00	\$200.00
14		Gravel Walkways Removed	1000	SY	\$5.00	\$5,000.00
15		Basketball Asphalt Pad/Hoop Removed	100	SY	\$5.00	\$500.00
16		Construction Fence (6' Chain Link) with Gate	2500	LF	\$15.00	\$37,500.00
Total for S	ite Prepa	ration / Demolition				\$55,700.00
					·	
Earthwork	(
17		Topsoil Stripped, Stockpiled and Respread	17000	SY	\$3.00	\$51,000.00
18		Excavation (Cut) - Assumes soil stockpile is available on-site	8700	CY	\$15.00	\$130,500.00
19		Excavation (Fill) - Assumes soil stockpile is available on-site	10200	CY	\$15.00	\$153,000.00
20		Excavation (Cut) Dry Detention Basin	1500	CY	\$15.00	\$22,500.00
Total for E	arthwork					\$357,000.00
			.			
Pavement						
21	611	Subgrade Preparation (All Pavement)	6300	SY	\$2.00	\$12,600.00
22		ODOT 304 - Limestone Aggregate Base - 6" Thick	850	CY	\$70.00	\$59,500.00
23		Asphalt Type 1 Surface (Medium) PG 64-22(448) (1.5" Thick)	220	CY	\$200.00	\$44,000.00
24		Asphalt Type 1 Intermediate (Medium), PG 64-22 (1/2" Thick)	70	CY	\$210.00	\$14,700.00
25		Commercial Driveway Apron with QC MS Concrete (8" thick)	70	SY	\$100.00	\$7,000.00
26		Concrete Vertical Curb, Type 6, Including 3" of 304 Limestone, Complete	1500	LF	\$55.00	\$82,500.00
		8' Wide, 4" MS concrete sidewalk, Including 3" of 304 base,				. ,
27		Complete	12000	SF	\$9.00	\$108,000.00
28		Parking Lot Pavement Marking Paint	1250	LF	\$3.50	\$4,375.00
29		Parking Lot Transverse Pavement Marking Paint	688	LF	\$3.50	\$2,408.00
30		ADA Pavement Symbol Marking	16	EA	\$150.00	\$2,400.00
31		ADA Signage	16	EA	\$700.00	\$11,200.00
Total for P	Pavement					\$348,683.00
Miscellane	eous					
32		Bathroom Facility	1	LS	\$150,000.00	\$150,000.00
33		2" Water Service, Complete	500	LF	\$50.00	\$25,000.00

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REF. NO.	ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST
34		6" Sanitary Lateral, Complete	377	LF	\$50.00	\$18,850.00
35		Sanitary Manhole (48" Diameter)	2	EA	\$5,000.00	\$10,000.00
36		Utilities-Storm, Infrastructure, Bio-Swale	1	LS	\$150,000.00	\$150,000.00
37		Utilities-Electric, Including Light Poles and Conduits	1	LS	\$100,000.00	\$100,000.00
Total for N	Miscellane		-		Ψ100,000.00	\$453,850.00
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Landscapi	ing					
38		Fine Grading, Seed and Straw	17000	SY	\$2.50	\$42,500.00
39		Misc. Landscaping	1	LS	\$20,000.00	\$20,000.00
Total for N	Miscelland	eous				\$62,500.00
Total Con	nstruction	for All Sections				\$1,338,233.00
20% Conti	ingency					\$267,646.60
5% Inflatic	on (2024)	Contingency				\$66,911.65
GRAND (CONSTR	UCTION TOTAL				\$1,672,791.25
1						
Notes:						
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1. This esti		es not include costs for the playground equipment or any wor bund area, pavilion, and or baseball fields etc.).	rk associated with bu	ilding the	playground (i.e Fe	encing, pavement,
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