

**ENGINEER'S ESTIMATE  
DAM RECONSTRUCTION  
MEMORIAL PARK DAM  
BOROUGH OF BERNARDSVILLE, NEW JERSEY**

PREPARED BY: FERRIERO ENGINEERING, INC.  
DATE: MAY 9, 2022  
16BV106

ITEM NO.	APPROX. QUANTITIES	UNITS	DESCRIPTION	ENGINEER'S ESTIMATE	
				UNIT PRICE	AMOUNT
1	200	LF	SILT FENCE	\$10.00	\$2,000.00
2	1	LS	CLEARING SITE	\$25,000.00	\$25,000.00
3	1,500	CY	EXCAVATION UNCLASSIFIED	\$62.00	\$93,000.00
4	1,515	SF	CONCRETE SLAB	\$60.00	\$90,900.00
5	60	CY	NO. 57 CRUSHED STONE	\$85.00	\$5,100.00
6	1	LS	COFFERDAM	\$50,000.00	\$50,000.00
7	100,000	LBS	REINFORCING STEEL	\$2.90	\$290,000.00
8	170	CY	CONCRETE FOOTING	\$850.00	\$144,500.00
9	200	CY	CONCRETE WALLS	\$2,200.00	\$440,000.00
10	2,872	SF	STONE FACING	\$150.00	\$430,800.00
11	300	LF	UNDER DRAINS	\$62.00	\$18,600.00
12	300	LF	24" DIP	\$180.00	\$54,000.00
13	1.0	EA	24" GATE VALVE	\$5,000.00	\$5,000.00
14	280.0	SY	18" THICK RIP RAP	\$170.00	\$47,600.00
15	1	LS	OUTLET STRUCTURE	\$25,000.00	\$25,000.00
16	2.0	EA	PEDESTRIAN BRIDGE	\$75,000.00	\$150,000.00
17	600	SY	STONE DUST WALKING PATH	\$50.00	\$30,000.00
18	450	SY	TOPSOILING	\$50.00	\$22,500.00
19	450	SY	FERTILIZE & SEED	\$3.00	\$1,350.00
20	450	SY	STABILIZATION MATTING	\$10.00	\$4,500.00
21	7,250	CY	DREDGING	\$20.00	\$145,000.00
22	7,250	CY	SOIL DISPOSAL	\$50.00	\$362,500.00
23	1	LS	FINAL CLEANUP	\$10,000.00	\$10,000.00
<b>Estimated Construction Cost</b>					<b>\$2,447,350.00</b>
<b>10% Contingency</b>					<b>\$244,735.00</b>
<b>Total Construction Cost</b>					<b>\$2,692,085.00</b>