



Naples Beach Restoration and Water Quality Improvement Project - North Pump Station
60% Level Engineer's Opinion of Probable Construction Quantities and Cost
Horizontal Directional Drill (HDD) Cost Summary
July 2021

ITEM NO.	DESCRIPTION OF ITEM	UNIT	ESTIMATED UNIT COST	ESTIMATED QUANTITY	ESTIMATE
1	MOBILIZATION AND GENERAL REQUIREMENTS				
1.1	MOBILIZATION/DEMOBILIZATION	LS	\$ 300,000	1	\$ 300,000
1.2	SURVEYING, LAYOUT AND AS-BUILT DRAWINGS	LS	\$ 15,000	1	\$ 15,000
1.3	MAINTENANCE OF TRAFFIC	LS	\$ 27,200	1	\$ 27,200
1.4	INLET PROTECTION SYSTEM	EA	\$ 120	4	\$ 480
1.5	ENVIRONMENTAL COMPLIANCE, TURBIDITY CONTROL AND TESTING	LS	\$ 37,275	1	\$ 37,280
<i>SUB-TOTAL (MOBILIZATION AND GENERAL REQUIREMENTS)</i>					\$ 379,960
2.1	FURNISH, DELIVER, AND INSTALL OFFSHORE PIPELINE				
2.1.1	MARINE SUPPORT FOR HDD & PIPE INSTALLATION	LS	\$ 540,000	1	\$ 540,000
2.2	OFFSHORE PIPELINE				
2.2.1	PERFORM HORIZONTAL DIRECTIONAL DRILL (44-INCH BORE HOLE)	LF	\$ 900	3,140	\$ 2,826,000
2.2.2	30" FPVC DR-21 (PIPE, FUSING, END CAPS)	LF	\$ 310	3,140	\$ 973,400
2.2.3	HYDROSTATIC TESTING AND LEAKAGE TESTING	LS	\$ 50,000	1	\$ 50,000
<i>SUB-TOTAL (OFFSHORE PIPELINE)</i>					\$4,389,400
3	SITE TURNOVER				
3.1	TEMPORARY SHORING AND FENCING FOR PROTECTION & ACCESS OF LANDWARD END OF PIPE	LS	\$ 37,280	1	\$ 37,280
3.2	SITE RESTORATION	LS	\$ 10,000.00	1	\$ 10,000.00
<i>SUB-TOTAL (SITE TURNOVER)</i>					\$47,280
<i>SUB-TOTAL</i>					\$4,816,640
CONTINGENCY (15%)					\$722,500
<i>TOTAL</i>					\$5,539,140