

**CONRAIL UTILITY RELOCATION AT CYPRESS PARK
TOWNSHIP OF WOODBRIDGE
PREBID-ENGINEER'S CONSTRUCTION COST ESTIMATE**

1/28/2021

Conrail Utility Relocation at Cypress Park			STORM AND SANITARY SEWERAGE IMPROVEMENTS		
ITEM	DESCRIPTION	UNIT	TOTAL ESTIMATED SPEC. QUANTITY	UNIT PRICE	EXTENDED PRICE
				(Dollars Cents)	(Dollars Cents)
1	Mobilization	LS	1	\$65,000.00	\$65,000.00
2	Clearing Site	LS	1	\$15,000.00	\$15,000.00
3	Remove and dispose of existing storm sewer structures (salvage castings) (If and where ordered)	UN	1	\$750.00	\$750.00
4	Remove and dispose of existing storm sewer pipes (If and where ordered)	LF	80	\$25.00	\$2,000.00
5	Excavation, Unclassified, Test pit	CY	75	\$100.00	\$7,500.00
6	Temporary Sheet piling	SF	10,500	\$35.00	\$367,500.00
7	30" dia. Reinforced concrete pipe (RCP), Class V storm sewer with flexible watertight gaskets, including excavation and backfill, Type 57 stone bedding, Type 57 stone backfill to the spring line of the pipe, filter fabric and all associated work	LF	85	\$150.00	\$12,750.00
8	30" dia. Reinforced concrete pipe (RCP), Class V storm sewer encased in a 48" dia. steel casing pipe with flexible watertight gaskets, including excavation and backfill, Type 57 stone bedding, Type 57 stone backfill to the spring line of the pipe, filter fabric and all associated work	LF	75	\$1,000.00	\$75,000.00
9	Dense graded aggregate for pipe trench	CY	1,500	\$35.00	\$52,500.00
10	Concrete collar	UN	1	\$1,000.00	\$1,000.00
11	4' dia. manhole, storm sewer	UN	2	\$5,000.00	\$10,000.00
12	Construction vibration monitoring	LS	1	\$5,000.00	\$5,000.00
13	16" DIP class 56 gravity sanitary sewer with interior epoxy coating, including excavation, NJDOT No. 57 stone bedding and backfill around and to 1" over the top of the pipe, geotextile filter fabric, bypass pumping where required, fittings, cleaning, flushing, testing, connection to existing manholes, dewatering and sheet piling where required, video inspection, backfilling and all associated work in accordance with the Contract Documents	LF	70	\$600.00	\$42,000.00
14	16" DIP class 56 gravity sanitary sewer encased in a 30" diameter steel casing pipe with interior epoxy coating, including excavation, NJDOT No. 57 stone bedding and backfill around and to 1" over the top of the pipe, geotextile filter fabric, bypass pumping where required, fittings, cleaning, flushing, testing, connection to existing manholes, dewatering and sheet piling where required, video inspection, backfilling and all associated work in accordance with the Contract Documents	LF	80	\$1,200.00	\$96,000.00
15	Connect to existing sanitary sewer main including transition coupling and concrete encasement	UN	2	\$2,000.00	\$4,000.00
16	Sanitary Sewer Bypass	LS	1	\$55,000.00	\$55,000.00
17	Miscellaneous concrete, class B (If and where ordered)	CY	5	\$130.00	\$650.00
18	Topsoiling, 4" thick, including fine grading	SY	500	\$1.00	\$500.00
19	Fertilizing and seeding, Type A-3	SY	500	\$2.00	\$1,000.00
20	Straw mulching	SY	500	\$7.00	\$3,500.00
21	Allowance for work not specified	ALL	1	\$50,000.00	\$50,000.00
GRAND TOTAL					\$866,650.00