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TRAILS AT CROWFOOT FILING 6 ENGINEER'S ESTIMATE OF ANTICIPATED COSTS

PROJECT: TRAILS AT CROWFOOT FILING 6
 CLIENT: E5X MANAGEMENT
 ESTIMATE PREPARED BY: CVL CONSULTANTS OF COLORADO, INC.

ACREAGE: 14.782
 LOTS: 51
 JOB NUMBER: 283701
 PHASE: FILING 6
 DATE: 12/5/2017

SANITARY SEWER

ITEM	DESCRIPTION	QUANTITY	UNIT	COST/UNIT	TOTAL COST
	8" SEWER (PVC)	1,367	L.F.	\$48.00	\$65,616.00
	12" SEWER (PVC)	0	L.F.	\$54.00	\$0.00
	18" SEWER (PVC)	0	L.F.	\$67.00	\$0.00
	4' DIA. MANHOLE	6	EA.	\$2,850.00	\$17,100.00
	5' DIA. MANHOLE	0	EA.	\$2,850.00	\$0.00
	STANDARD CLEANOUT	0	EA.	\$300.00	\$0.00
	DROP MANHOLE	0	EA.	\$5,000.00	\$0.00
	INTERMEDIATE PLATFORM	0	EA.	\$700.00	\$0.00
	4" SEWER SERVICE	51	EA.	\$1,615.00	\$82,365.00
	20" STEEL CASING	0	L.F.	\$2,000.00	\$0.00
	CONNECTION TO EXISTING MAIN	5	EA.	\$1,900.00	\$9,500.00
					\$174,581.00

WATERLINE

ITEM	DESCRIPTION	QUANTITY	UNIT	COST/UNIT	TOTAL COST
	6" WATERPIPE (DIP)	0	L.F.	\$20.00	\$0.00
	8" WATERPIPE (PVC)	1,527	L.F.	\$39.00	\$59,553.00
	12" WATERPIPE (PVC)	0	L.F.	\$57.00	\$0.00
	16" WATERPIPE (DIP)	0	L.F.	\$77.60	\$0.00
	6" GATE VALVE	0	EA.	\$1,000.00	\$0.00
	8" GATE VALVE	0	EA.	\$1,750.00	\$0.00
	12" GATE VALVE	0	EA.	\$3,000.00	\$0.00
	16" BUTTERFLY VALVE	0	EA.	\$18,000.00	\$0.00
	8" MISC. FITTINGS	3	EA.	\$460.00	\$1,380.00
	12" MISC. FITTINGS	0	EA.	\$730.00	\$0.00
	16" MISC. FITTINGS	0	EA.	\$1,500.00	\$0.00
	AIR / VACUUM VALVE	1	EA.	\$6,700.00	\$6,700.00
	8" CAP WITH BLOW OFF VALVE	0	EA.	\$2,000.00	\$0.00
	2" BLOW OFF VALVE (8" LINE-LOW POINT)	0	EA.	\$2,000.00	\$0.00
	6" BLOW OFF VALVE (16" LINE-LOW POINT)	0	EA.	\$2,500.00	\$0.00
	FIRE HYDRANT WITH 6" LEAD	0	EA.	\$5,000.00	\$0.00
	IRRIGATION SERVICE W/ METER(2")	0	EA.	\$2,500.00	\$0.00
	DOMESTIC WATER SERVICE W/ METER	51	EA.	\$1,400.00	\$71,400.00
	20" STEEL CASING	0	L.F.	\$2,000.00	\$0.00
	CONNECTION TO EXISTING MAIN	6	EA.	\$1,000.00	\$6,000.00
					\$145,033.00

CONTINGENCIES 20% OF CONSTRUCTION COSTS = **\$63,922.80**

Total Filing 6 Water/Sewer= **\$383,536.80**

