



CVL Consultants of Colorado, Inc.

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TRAILS AT CROWFOOT FILING 10 ENGINEER'S ESTIMATE OF ANTICIPATED COSTS

PROJECT: TRAILS AT CROWFOOT FILING 10
CLIENT: E5X MANAGEMENT
ESTIMATE PREPARED BY: CVL CONSULTANTS OF COLORADO, INC.

ACREAGE: 29.024
LOTS: 129
JOB NUMBER: 283701
PHASE: FILING 10
DATE: 3/13/2018

SANITARY SEWER

ITEM	DESCRIPTION	QUANTITY	UNIT	COST/UNIT	TOTAL COST
	8" SEWER (PVC)	3,729	L.F.	\$48.00	\$178,992.00
	12" SEWER (PVC)	0	L.F.	\$54.00	\$0.00
	18" SEWER (PVC)	0	L.F.	\$67.00	\$0.00
	4' DIA. MANHOLE	28	EA.	\$2,850.00	\$79,800.00
	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	129	EA.	\$1,615.00	\$208,335.00
	20" STEEL CASING	0	L.F.	\$2,000.00	\$0.00
	CONNECTION TO EXISTING MAIN	4	EA.	\$1,900.00	\$7,600.00
					\$474,727.00

WATERLINE

ITEM	DESCRIPTION	QUANTITY	UNIT	COST/UNIT	TOTAL COST
	6" WATERPIPE (DIP)	165	L.F.	\$20.00	\$3,300.00
	8" WATERPIPE (PVC)	4,491	L.F.	\$39.00	\$175,149.00
	12" WATERPIPE (PVC)	0	L.F.	\$57.00	\$0.00
	16" WATERPIPE (DIP)	0	L.F.	\$77.60	\$0.00
	6" GATE VALVE	8	EA.	\$1,000.00	\$8,000.00
	8" GATE VALVE	17	EA.	\$1,750.00	\$29,750.00
	12" GATE VALVE	0	EA.	\$3,000.00	\$0.00
	16" BUTTERFLY VALVE	0	EA.	\$18,000.00	\$0.00
	8" MISC. FITTINGS	47	EA.	\$460.00	\$21,620.00
	12" MISC. FITTINGS	0	EA.	\$730.00	\$0.00
	16" MISC. FITTINGS	0	EA.	\$1,500.00	\$0.00
	AIR / VACUUM VALVE	3	EA.	\$6,700.00	\$20,100.00
	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	8	EA.	\$5,000.00	\$40,000.00
	IRRIGATION SERVICE W/ METER(2")	0	EA.	\$2,500.00	\$0.00
	DOMESTIC WATER SERVICE W/ METER	129	EA.	\$1,400.00	\$180,600.00
	20" STEEL CASING	0	L.F.	\$2,000.00	\$0.00
	CONNECTION TO EXISTING MAIN	6	EA.	\$1,000.00	\$6,000.00
					\$484,519.00



CONTINGENCIES 20% OF CONSTRUCTION COSTS = \$191,849.20

Total Filing 10 Water/Sewer= **\$1,151,095.20**