

ENGINEER'S OPINION OF PROBABLE COST

CLIENT	CITY OF FORNEY				
PROJECT	EXTENSION OF TRAILHOUSE ROAD SOUTH OF EMERSON APTS TO HWY 80				
	PHASE TWO - SANITARY SEWER				
DATE:	12-Nov-19				
SEWER	Item	Qty.	Unit	Unit Cost	Total Cost
S1	18" SEWER LINE	987	LF	\$ 125.00	\$123,375.00
S2	18" SEWER ENCASED IN BORE	290	LF	\$ 650.00	\$188,500.00
S3	18" SEWER IN CONCRETE ENCASEMENT	25	LF	\$ 180.00	\$ 4,500.00
S3	4' Dia MANHOLES WITH LINING	5	EA	\$11,500.00	\$ 57,500.00
S4	REMOVE & REPLACE 4' Dia MANHOLES WITH LINING	1	EA	\$12,500.00	\$ 12,500.00
S5	5' Dia MANHOLES WITH LINING ON EXISTING	1	EA	\$15,000.00	\$ 15,000.00
S6	ADDITIONAL VERTICAL DEPTH 5' DIAMETER MANHOLES	40	LF	\$ 600.00	\$ 24,000.00
S7	CONNECT NEW SEWER TO EXISTING SEWER	1	LS	\$ 2,000.00	\$ 2,000.00
S8	DRIVEWAY REPAIR	70	SY	\$ 70.00	\$ 4,900.00
S9	EROSION CONTROL REPLACEMENT	1	LS	\$ 4,000.00	\$ 4,000.00
S10	CRUSHED ROCK FOR PIPELINE BOTTOM STABILITY	100	CY	\$ 42.00	\$ 4,200.00
S11	TRENCH SAFETY	987	LF	\$ 2.50	\$ 2,467.50
S12	SEWER SERVICE	1	EA	\$ 3,200.00	\$ 3,200.00
	SUBTOTAL				\$446,142.50
PAVING					
P1	6" 3600 PSI CONC PVMT WITH NO. 4 ON 18" E.W.	1,106	SY	\$56.00	\$61,936.00
P4	6" INTEGRAL CURB	472	LF	\$2.00	\$944.00
P5	6" LIME STABILIZED SUBGRADE	1,217	SY	\$5.50	\$6,691.30
P6	HYDRATED LIME (32 LBS/SY)	40	TN	\$180.00	\$7,200.00
P7	CONCRETE DRIVEWAY APPRAOCH	46	SY	\$70.00	\$3,220.00
P8	CONCRETE DRIVEWAY REPAIR	90	SY	\$70.00	\$6,300.00
P9	RAMPS	2	EA	\$1,500.00	\$3,000.00
P10	LONGITUDINAL BUTT JOINT	12	LF	\$10.00	\$120.00
P11	TRAFFIC CONTROL THRU CONSTRUCTION	1	LS	\$5,000.00	\$5,000.00
P12	BONDING & INSURANCE	1	LS	\$20,000.00	\$20,000.00
P13	MOB AND DEMOB	1	LS	\$10,000.00	\$10,000.00
	SUBTOTAL				\$124,411.30
TOTAL PROBABLE CONSTRUCTION COST					\$570,553.80
ENGINEERING/SURVEY					\$ 39,940.00
MATERIAL TESTING 5%					\$ 28,530.00
CONTINGENCY (10%)					\$ 57,060.00
LAND ACQUISTIONS/EASEMENTS					\$ -
RECOMMENDED PROJECT BUDGET (COMPLETION OF PHASE TWO OF TRAILHOUSE PROJECT)					\$696,083.80