

ENGINEER'S OPINION OF PROBABLE COST

CLIENT	CITY OF FORNEY				
PROJECT	FIRE STATION #2 - SITE IMPROVEMENTS - C.I.P. # 198				
DATE:	22-Sep-20				
DRAINAGE					
D1	CONNECT 18" RCP TO EXISTING 5' CURB INLET	1	EA	1,500.00	1,500.00
D2	18" CLASS III RCP	20	LF	55.00	1,100.00
D3	4' x 4' WYE INLET WITH 3' CONCRETE APRON	1	EA	5,000.00	5,000.00
D4	6" FRENCH DRAIN TRENCH SECTION - COMPLETE PER DETAIL	204	LF	55.00	11,220.00
D5	8" PVC DRAIN LINE	152	LF	30.00	4,560.00
D6	PVC FITTINGS	1	LS	300.00	300.00
D7	8" PVC GRATE	1	EA	120.00	120.00
D8	4" PVC GRATE	2	EA	60.00	120.00
D9	CONNECTION TO EXISTING PVC DRAIN PIPES	3	EA	100.00	300.00
DEMOLITION					
DE1	REMOVE EXISTING CURB & GUTTER	78	LF	5.00	390.00
DE2	REMOVE EXISTING 5" PAVEMENT FOR HOSE RACK	23	SY	9.00	207.00
DE3	REMOVE EXISTING FENCE & POLE FOUNDATIONS - STOCKPILE RAILS & PICKETS	230	LF	10.00	2,300.00
DE4	CAP EXISTING IRRIGATION ZONE OR FEEDER LINES	6	EA	150.00	900.00
EARTHWORK					
E1	EXCAVATION - CUT	1050	CY	13.00	13,650.00
GROUND COVER					
GC1	2" GRANULAR ROCK, 3" THICK COLOR SELECTED BY OWNER	2160	SY	5.00	10,800.00
GC2	GEOTEXTILE FABRIC	2160	SY	2.00	4,320.00
EROSION CONTROL					
EC1	24" SILT FENCE	220	LF	6.00	1,320.00
EC2	BERMUDA BLOCK SOD	210	SY	8.00	1,680.00
PAVING					
P1	7" CONCRETE PAVEMENT - WITH INTEGRAL CURB WHERE REQUIRED	190	SY	85.00	16,150.00
P2	INSTALL 18" WIDE, 5" THICK MOW STRIP WITH 2'1/2" DIA. FENCE POSTS @ 6' O.C.	155	LF	20.00	3,100.00
ALTERNATE #1 - 4 ADDITIONAL PARKING SPACES					
DE3	REMOVE EXISTING CURB & GUTTER	56	LF	5.00	280.00
P3	7" CONCRETE PAVEMENT - WITH INTEGRAL CURB WHERE REQUIRED	88	SY	85.00	7,480.00
DE5	REMOVE EXISTING SMALL TREE (4" CALIPER OR SMALLER)	1	EA	300.00	300.00
EC2	BERMUDA BLOCK SOD	70	SY	8.00	560.00
ALTERNATE #2 - WHALEY ROAD CONNECTING SIDEWALK					
DE3	REMOVE EXISTING CURB & GUTTER	34	LF	5.00	170.00
P4	4" CONCRETE SIDEWALK	99	SY	72.00	7,128.00
P5	TX-DOT TYPE 7 BFRS	2	EA	1,500.00	3,000.00
EC2	BERMUDA BLOCK SOD	80	SY	8.00	640.00
TOTAL PROBABLE CONSTRUCTION COST					98,595.00
SURVEYING		1	LS	1,500.00	1,500.00
MISCELLANEOUS EXPENSE - IRRIGATION REPAIRS, REPLACE TREE ETC.					3,500.00
MATERIAL TESTING 5%					4,929.75
CONTINGENCY 5%					4,929.75
RECOMMENDED PROJECT BUDGET					113,454.50

Other Items:

Below items which are included in the plans, as discussed would be addressed or taken care of by fire station personnel or others.

- 1.) Rails and pickets of the existing fence will be stacked on-site by the contractor for station personnel to rebuild the fence in the new location, based on the contractor setting new posts.
- 2.) Station personnel will water the sod placed for the sidewalk and around the parking and drainage improvements.
- 3.) Chief or station personnel will select the color of the ground cover rock.
- 4.) Parks Department would be willing to help out with the irrigation system adjustments and plant new tree (replacement), the note on the site plan shows that the contractor would set the sod and final grade AFTER the irrigation is done.