

700 BUNTON PHASE 1A

CITY OF KYLE, TEXAS

Cost Estimate - Grist Mill Rd and Street I Infrastructure

SECTION I: WATER IMPROVEMENTS				School Site	
BID ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
1-01	8-INCH C-900, DR-14 POTABLE (BLUE) WATER LINE AND APPURTENANCES, ALL DEPTHS, PER LINEAR FOOT, COMPLETE IN PLACE (CIP)	118	LF	\$ 56.00	\$ 6,608.00
1-02	12-INCH C-900, DR-14 POTABLE (BLUE) WATER LINE AND APPURTENANCES, ALL DEPTHS, PER LINEAR FOOT, CIP	1,482	LF	\$ 105.00	\$ 155,610.00
1-03	8-INCH C900, DR-14 NON-POTABLE (PURPLE) REUSE WATERLINE AND APPURTENANCES, ALL DEPTHS, PER LINEAR FOOT, CIP	720	LF	\$ 56.00	\$ 40,320.00
1-04	FIRE HYDRANT ASSEMBLY, INCLUDING 6-INCH LEAD AND VALVE, PER EACH, CIP	3	EA	\$ 7,150.00	\$ 21,450.00
1-05	8-INCH GATE VALVE, PER EACH, CIP	2	EA	\$ 2,600.00	\$ 5,200.00
1-06	12-INCH GATE VALVE, PER EACH, CIP	5	EA	\$ 4,150.00	\$ 20,750.00
1-07	AIR RELEASE VALVE, PER EACH, CIP	1	EA	\$ 4,250.00	\$ 4,250.00
1-08	WET CONNECTION, 8" DIA X 8" DIA, PER EACH, CIP	1	EA	\$ 1,250.00	\$ 1,250.00
1-09	WET CONNECTION, 12" DIA X 12" DIA, PER EACH, CIP	1	EA	\$ 1,200.00	\$ 1,200.00
1-10	TRENCH SAFETY SYSTEMS PER LINEAR FOOT (ALL DEPTHS), CIP	2,320	LF	\$ 1.00	\$ 2,320.00
SUBTOTAL WATER IMPROVEMENTS					\$ 258,958.00

SECTION II: WASTEWATER IMPROVEMENTS					
BID ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
2-01	8-INCH WASTEWATER (GREEN) SDR-26 PVC PIPE AND APPURTENANCES, 0' TO 8' DEEP, PER LINEAR FOOT, CIP	561	LF	\$ 45.00	\$ 25,245.00
2-02	8-INCH WASTEWATER (GREEN) SDR-26 PVC PIPE AND APPURTENANCES, 8' TO 10' DEEP, PER LINEAR FOOT, CIP	278	LF	\$ 47.00	\$ 13,066.00
2-03	8-INCH WASTEWATER (GREEN) SDR-26 PVC PIPE AND APPURTENANCES, 10' TO 12' DEEP, PER LINEAR FOOT, CIP	391	LF	\$ 48.00	\$ 18,768.00
2-04	8-INCH WASTEWATER (GREEN) SDR-26 PVC PIPE AND APPURTENANCES, 12' TO 14' DEEP, PER LINEAR FOOT, CIP	275	LF	\$ 51.00	\$ 14,025.00
2-05	STANDARD MANHOLE FOR WASTEWATER, 4-FOOT DIA., PER EACH, CIP	6	EA	\$ 5,000.00	\$ 30,000.00
2-06	TRENCH SAFETY SYSTEMS (ALL DEPTHS) PER LINEAR FOOT, CIP	1,505	LF	\$ 2.25	\$ 3,386.25
SUBTOTAL WASTEWATER IMPROVEMENTS					\$ 104,490.25

SECTION III: DRAINAGE IMPROVEMENTS					
BID ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
3-01	18-INCH RCP CLASS III (ALL DEPTHS), PER LINEAR FOOT, CIP	40	LF	\$ 61.00	\$ 2,440.00
3-02	24-INCH RCP CLASS III (ALL DEPTHS), PER LINEAR FOOT, CIP	212	LF	\$ 74.50	\$ 15,794.00
3-03	36-INCH RCP CLASS III (ALL DEPTHS), PER LINEAR FOOT, CIP	108	LF	\$ 138.75	\$ 14,985.00
3-04	42-INCH RCP CLASS III (ALL DEPTHS), PER LINEAR FOOT, CIP	32	LF	\$ 178.50	\$ 5,712.00
3-05	48-INCH RCP CLASS III (ALL DEPTHS), PER LINEAR FOOT, CIP	114	LF	\$ 207.50	\$ 23,655.00
3-06	72-INCH RCP CLASS III (ALL DEPTHS), PER LINEAR FOOT, CIP	903	LF	\$ 505.00	\$ 456,015.00
3-07	10-FOOT STANDARD CURB INLET, PER EACH, CIP	3	EA	\$ 5,000.00	\$ 15,000.00
3-08	STANDARD STORM MANHOLE, 4-FT DIAMETER, PER EACH, CIP	1	EA	\$ 4,200.00	\$ 4,200.00
3-09	8-FT X 8-FT BOX MANHOLE, PER EACH, CIP	3	EA	\$ 14,475.00	\$ 43,425.00
3-10	9-FT X 9-FT BOX MANHOLE, PER EACH, CIP	2	EA	\$ 19,900.00	\$ 39,800.00
3-11	10-FT X 10-FT BOX MANHOLE, PER EACH, CIP	1	EA	\$ 24,650.00	\$ 24,650.00
3-12	72-INCH STANDARD HEADWALL, PER EACH, CIP	1	EA	\$ 20,275.00	\$ 20,275.00
3-13	POND IMPROVEMENTS	1	EA	\$ 300,000.00	\$ 300,000.00
3-13	TRENCH SAFETY, PER LINEAR FOOT, CIP	1,409	LF	\$ 1.00	\$ 1,409.00
SUBTOTAL DRAINAGE IMPROVEMENTS					\$ 967,360.00

SECTION V: SITE/STREET IMPROVEMENTS - GRIST MILL RD AND STREET I					
BID ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	AMOUNT
5-01	SUBGRADE PREPARATION, PER SQUARE YARD, CIP	7,363	SY	\$ 2.50	\$ 18,407.50
5-02	8-INCH LIME TREATED SUBGRADE, PER SQUARE YARD, CIP	7,363	SY	\$ 9.50	\$ 69,948.50
5-03	CRUSHED LIMESTONE BASE, 11-INCH THICKNESS PER SQUARE YARD, CIP	314	SY	\$ 12.25	\$ 3,846.50
5-04	CRUSHED LIMESTONE BASE, 17-INCH THICKNESS PER SQUARE YARD, CIP	3,074	SY	\$ 16.00	\$ 49,184.00
5-05	CRUSHED LIMESTONE BASE, 24-INCH THICKNESS PER SQUARE YARD, CIP	3,975	SY	\$ 24.75	\$ 98,381.25
5-06	HMAC, 2-INCH THICKNESS, TYPE D, PER SQUARE YARD, CIP	236	SY	\$ 17.25	\$ 4,071.00
5-07	HMAC, 2.5-INCH THICKNESS, TYPE D, PER SQUARE YARD, CIP	2,313	SY	\$ 21.25	\$ 49,151.25
5-08	HMAC, 5-INCH THICKNESS, TYPE D, PER SQUARE YARD, CIP	3,045	SY	\$ 41.00	\$ 124,845.00
5-10	MACHINE LAID CURB AND GUTTER (FINE GRADING) PER LINEAR FOOT, CIP	2,955	LF	\$ 21.50	\$ 63,532.50
5-11	ADA CURB RAMP, PER EACH, CIP	12	EA	\$ 1,375.00	\$ 16,500.00
5-12	P.C. CONCRETE SIDEWALK, PER SQUARE YARD, CIP	1,269	SY	\$ 73.50	\$ 93,271.50
5-18	TENSAR TX-130S GEOGRID, PER SQUARE YARD, CIP	7,363	SY	\$ 2.50	\$ 18,407.50
SUBTOTAL SITE/STREET IMPROVEMENTS					\$ 609,546.50

PHASE 1A IMPROVEMENTS

SECTION I: WATER IMPROVEMENTS	\$ 258,958.00
SECTION II: WASTEWATER IMPROVEMENTS	\$ 104,490.25
SECTION III: DRAINAGE IMPROVEMENTS	\$ 967,360.00
SECTION V: SITE/STREET IMPROVEMENTS - GRIST MILL RD AND STREET I	\$ 609,546.50

TOTAL FOR PHASE 1A IMPROVEMENTS **\$ 1,940,354.75**