

**BID TABULATION FOR WEST ROWLETT CREEK INTERCEPTOR LINES A, B, AND C AND PANTHER CREEK LINE C
 BID NO. 1602-058**

PREPARED FOR: THE CITY OF FRISCO, TEXAS

PREPARED BY: HALFF ASSOCIATES, INC.

BID OPENING DATE: MARCH 29, 2016

AVO 30871

ITEM NO.	ITEM	UNIT	QUANTITY	ENGINEER'S OPINION		S.J. LOUIS CONSTRUCTION OF TEXAS, LTD.		THALLE CONSTRUCTION COMPANY, INC.		S&J CONSTRUCTION CO., INC.		KODIAK TRENCHING & BORING, LLC	
				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
BASE BID ITEMS													
2000	Mobilization, complete in place for the sum of	LS	1	\$ 195,396.00	\$ 195,396.00	\$ 250,000.00	\$ 250,000.00	\$ 325,000.00	\$ 325,000.00	\$ 375,000.00	\$ 375,000.00	\$ 310,000.00	\$ 310,000.00
2000	General site preparation, complete in place for the sum of	LS	1	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 105,000.00	\$ 105,000.00	\$ 600,000.00	\$ 600,000.00	\$ 80,000.00	\$ 80,000.00
2300	Construction Entrance, complete in place for the sum of	SF	7500	\$ 1.00	\$ 7,500.00	\$ 1.50	\$ 11,250.00	\$ 1.20	\$ 9,000.00	\$ 1.49	\$ 11,175.00	\$ 3.00	\$ 22,500.00
2300	Rock check dam, complete in place for the sum of	LF	500	\$ 30.00	\$ 15,000.00	\$ 42.00	\$ 21,000.00	\$ 30.00	\$ 15,000.00	\$ 14.00	\$ 7,000.00	\$ 50.00	\$ 25,000.00
2300	Inlet protection, complete and in place for the sum of	EA	11	\$ 400.00	\$ 4,400.00	\$ 100.00	\$ 1,100.00	\$ 125.00	\$ 1,375.00	\$ 275.00	\$ 3,025.00	\$ 300.00	\$ 3,300.00
2000	Project Signs, complete in place for the sum of	EA	3	\$ 1,000.00	\$ 3,000.00	\$ 400.00	\$ 1,200.00	\$ 700.00	\$ 2,100.00	\$ 1,150.00	\$ 3,450.00	\$ 450.00	\$ 1,350.00
3000	Remove drill shaft (roadway illumination pole), complete in place for the sum of	EA	2	\$ 500.00	\$ 1,000.00	\$ 100.00	\$ 200.00	\$ 250.00	\$ 500.00	\$ 1,800.00	\$ 3,600.00	\$ 1,800.00	\$ 3,600.00
3700	Remove roadway illumination assembly (store at public works), complete in place for the sum of	EA	2	\$ 500.00	\$ 1,000.00	\$ 700.00	\$ 1,400.00	\$ 250.00	\$ 500.00	\$ 1,800.00	\$ 3,600.00	\$ 1,600.00	\$ 3,200.00
2700	Drill shaft, 30" x 8' (roadway illumination pole), complete and in place for the sum of	EA	2	\$ 3,000.00	\$ 6,000.00	\$ 3,000.00	\$ 6,000.00	\$ 500.00	\$ 1,000.00	\$ 3,680.00	\$ 7,360.00	\$ 1,900.00	\$ 3,800.00
2000	Luminaire fixture (City std - type II), to be furnished by the City, complete and in place for the sum of	EA	2	\$ 1,000.00	\$ 2,000.00	\$ 4,300.00	\$ 8,600.00	\$ 450.00	\$ 900.00	\$ 4,500.00	\$ 9,000.00	\$ 2,500.00	\$ 5,000.00
2200	Remove and replace existing fencing (all types), complete in place for the sum of	LF	150	\$ 25.00	\$ 3,750.00	\$ 30.00	\$ 4,500.00	\$ 5.00	\$ 750.00	\$ 30.00	\$ 4,500.00	\$ 30.00	\$ 4,500.00
2800	Remove sidewalk (all depths) and ramps, complete and in place for the sum of	SY	1000	\$ 5.00	\$ 5,000.00	\$ 3.00	\$ 3,000.00	\$ 2.50	\$ 2,500.00	\$ 15.00	\$ 15,000.00	\$ 20.00	\$ 20,000.00
007	5" thick concrete sidewalk or trail, complete and in place for the sum of	SY	400	\$ 35.00	\$ 14,000.00	\$ 48.00	\$ 19,200.00	\$ 47.00	\$ 18,800.00	\$ 46.00	\$ 18,400.00	\$ 75.00	\$ 30,000.00
2100	6" thick concrete sidewalk or trail, complete and in place for the sum of	SY	600	\$ 40.00	\$ 24,000.00	\$ 50.00	\$ 30,000.00	\$ 56.00	\$ 33,600.00	\$ 51.18	\$ 30,708.00	\$ 85.00	\$ 51,000.00
3400	Remove existing stormwater pipe per sizes specified on plans, complete in place for the sum of	LF	80	\$ 100.00	\$ 8,000.00	\$ 3.00	\$ 240.00	\$ 5.00	\$ 400.00	\$ 105.00	\$ 8,400.00	\$ 45.00	\$ 3,600.00
2100	RCP Class III (21") stormwater pipe, complete and in place for the sum of	LF	40	\$ 280.00	\$ 11,200.00	\$ 70.00	\$ 2,800.00	\$ 57.00	\$ 2,280.00	\$ 124.00	\$ 4,960.00	\$ 105.00	\$ 4,200.00
2400	RCP Class III (30") stormwater pipe, complete and in place for the sum of	LF	40	\$ 280.00	\$ 11,200.00	\$ 80.00	\$ 3,200.00	\$ 82.00	\$ 3,280.00	\$ 140.00	\$ 5,600.00	\$ 150.00	\$ 6,000.00
2200	Hydraulic mulch, complete and in place for the sum of	SY	91000	\$ 2.00	\$ 182,000.00	\$ 0.40	\$ 36,400.00	\$ 0.54	\$ 49,140.00	\$ 0.85	\$ 77,350.00	\$ 0.50	\$ 45,500.00
2100	Sod, complete and in place for the sum of	SY	14800	\$ 5.00	\$ 74,000.00	\$ 3.50	\$ 51,800.00	\$ 2.94	\$ 43,512.00	\$ 5.75	\$ 85,100.00	\$ 3.00	\$ 44,400.00
2000	Lines A1, A2, A4, C1 substantially complete by August 31, 2016, complete and in place for the sum of	LS	1	\$ -	\$ -	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 50,000.00	\$ 50,000.00	\$ 1.00	\$ 1.00
2000	Lines B1, B2 substantially complete by December 31, 2016, complete in place for the sum of	LS	1	\$ -	\$ -	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00	\$ 50,000.00	\$ 50,000.00	\$ 1.00	\$ 1.00
2000	Connect to existing sanitary sewer manhole or existing pipe existing sanitary sewer main, complete in place for the sum of	EA	5	\$ 2,500.00	\$ 12,500.00	\$ 4,200.00	\$ 21,000.00	\$ 950.00	\$ 4,750.00	\$ 3,000.00	\$ 15,000.00	\$ 3,000.00	\$ 15,000.00
2500	Cut and Plug existing Wastewater, complete in place for the sum of	EA	18	\$ 1,000.00	\$ 18,000.00	\$ 600.00	\$ 10,800.00	\$ 650.00	\$ 11,700.00	\$ 1,689.00	\$ 30,402.00	\$ 500.00	\$ 9,000.00
3800	Gravity Wastewater Pipe - PVC (SDR 26) (8")	LF	300	\$ 80.00	\$ 24,000.00	\$ 88.00	\$ 26,400.00	\$ 80.00	\$ 24,000.00	\$ 102.77	\$ 30,831.00	\$ 85.00	\$ 25,500.00
3900	Gravity Wastewater Pipe - PVC (SDR 26) (10")	LF	800	\$ 95.00	\$ 76,000.00	\$ 106.00	\$ 84,800.00	\$ 88.00	\$ 70,400.00	\$ 125.56	\$ 100,448.00	\$ 110.00	\$ 88,000.00
4100	Gravity Wastewater Pipe - PVC (SDR 26) (15")	LF	8400	\$ 100.00	\$ 840,000.00	\$ 115.00	\$ 966,000.00	\$ 141.00	\$ 1,184,400.00	\$ 134.11	\$ 1,126,524.00	\$ 140.00	\$ 1,176,000.00
4750	Gravity Wastewater Pipe - FRP (SN 72) (21")	LF	4400	\$ 150.00	\$ 660,000.00	\$ 160.00	\$ 704,000.00	\$ 169.00	\$ 743,600.00	\$ 172.50	\$ 759,000.00	\$ 165.00	\$ 726,000.00
5000	Gravity Wastewater Pipe - FRP (SN 72) (27")	LF	1520	\$ 165.00	\$ 250,800.00	\$ 179.00	\$ 272,080.00	\$ 186.00	\$ 282,720.00	\$ 188.67	\$ 286,778.40	\$ 195.00	\$ 296,400.00
3900	Gravity Wastewater Pipe - FRP (SN 46) (30")	LF	1370	\$ 170.00	\$ 232,900.00	\$ 186.00	\$ 254,820.00	\$ 195.00	\$ 267,150.00	\$ 197.75	\$ 270,917.50	\$ 201.00	\$ 275,370.00
5200	Gravity Wastewater Pipe - FRP (SN 72) (30")	LF	1800	\$ 180.00	\$ 324,000.00	\$ 193.00	\$ 347,400.00	\$ 199.00	\$ 358,200.00	\$ 204.75	\$ 368,550.00	\$ 203.00	\$ 365,400.00
2250	Steel casing pipe by open cut (18"), complete in place for the sum of	LF	100	\$ 190.00	\$ 19,000.00	\$ 90.00	\$ 9,000.00	\$ 46.00	\$ 4,600.00	\$ 119.96	\$ 11,996.00	\$ 120.00	\$ 12,000.00

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
2350	Jack, bore, or tunnel (steel casing) (18"), complete in place for the sum of	LF	170	\$ 650.00	\$ 110,500.00	\$ 377.00	\$ 64,090.00	\$ 368.00	\$ 62,560.00	\$ 455.11	\$ 77,368.70	\$ 450.00	\$ 76,500.00
2500	Jack, bore, or tunnel (steel casing) (24"), complete in place for the sum of	LF	1590	\$ 700.00	\$ 1,113,000.00	\$ 462.00	\$ 734,580.00	\$ 425.00	\$ 675,750.00	\$ 492.42	\$ 782,947.80	\$ 475.00	\$ 755,250.00
2700	Jack, bore, or tunnel (steel casing) (28"), complete in place for the sum of	LF	820	\$ 750.00	\$ 615,000.00	\$ 551.00	\$ 451,820.00	\$ 497.00	\$ 407,540.00	\$ 578.26	\$ 474,173.20	\$ 600.00	\$ 492,000.00
2900	Jack, bore, or tunnel (steel casing) (42"), complete in place for the sum of	LF	30	\$ 850.00	\$ 25,500.00	\$ 939.00	\$ 28,170.00	\$ 674.00	\$ 20,220.00	\$ 719.90	\$ 21,597.00	\$ 1,100.00	\$ 33,000.00
2000	Fiberglass Manhole (48"), complete in place for the sum of	EA	3	\$ 16,000.00	\$ 48,000.00	\$ 10,600.00	\$ 31,800.00	\$ 12,000.00	\$ 36,000.00	\$ 7,007.00	\$ 21,021.00	\$ 18,000.00	\$ 54,000.00
2050	Fiberglass Manhole (48") (Type S) Drop, complete in place for the sum of	EA	3	\$ 19,000.00	\$ 57,000.00	\$ 13,700.00	\$ 41,100.00	\$ 13,000.00	\$ 39,000.00	\$ 8,457.00	\$ 25,371.00	\$ 17,500.00	\$ 52,500.00
2100	Cast-in-Place Manhole (60") (Type S) , complete in place for the sum of	EA	1	\$ 15,000.00	\$ 15,000.00	\$ 14,200.00	\$ 14,200.00	\$ 6,600.00	\$ 6,600.00	\$ 14,960.00	\$ 14,960.00	\$ 16,300.00	\$ 16,300.00
2100	Fiberglass Manhole (60"), complete in place for the sum of	EA	38	\$ 17,000.00	\$ 646,000.00	\$ 11,800.00	\$ 448,400.00	\$ 12,500.00	\$ 475,000.00	\$ 12,307.02	\$ 467,666.76	\$ 22,600.00	\$ 858,800.00
2200	Fiberglass Manhole (60") (Drop), complete in place for the sum of	EA	3	\$ 19,000.00	\$ 57,000.00	\$ 15,900.00	\$ 47,700.00	\$ 12,500.00	\$ 37,500.00	\$ 14,314.02	\$ 42,942.06	\$ 22,400.00	\$ 67,200.00
2200	Cast-in-Place Manhole (60") (Drop), complete in place for the sum of	EA	2	\$ 13,000.00	\$ 26,000.00	\$ 17,000.00	\$ 34,000.00	\$ 9,900.00	\$ 19,800.00	\$ 14,507.02	\$ 29,014.04	\$ 14,500.00	\$ 29,000.00
2300	Fiberglass Manhole (60") (Type S), complete in place for the sum of	EA	3	\$ 21,000.00	\$ 63,000.00	\$ 11,900.00	\$ 35,700.00	\$ 13,000.00	\$ 39,000.00	\$ 15,002.00	\$ 45,006.00	\$ 25,000.00	\$ 75,000.00
2400	Fiberglass Manhole (72"), complete in place for the sum of	EA	16	\$ 22,000.00	\$ 352,000.00	\$ 13,400.00	\$ 214,400.00	\$ 13,700.00	\$ 219,200.00	\$ 14,416.21	\$ 230,659.36	\$ 29,000.00	\$ 464,000.00
2450	Fiberglass Manhole (72") (Type S), complete in place for the sum of	EA	3	\$ 22,000.00	\$ 66,000.00	\$ 13,500.00	\$ 40,500.00	\$ 12,000.00	\$ 36,000.00	\$ 15,266.21	\$ 45,798.63	\$ 26,600.00	\$ 79,800.00
2600	36" Type S Frame and Cover, complete in place for the sum of	EA	1	\$ 2,500.00	\$ 2,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,000.00	\$ 1,000.00	\$ 1,860.00	\$ 1,860.00	\$ 1,450.00	\$ 1,450.00
3300	Remove Manholes, complete in place for the sum of	EA	1	\$ 3,000.00	\$ 3,000.00	\$ 1,000.00	\$ 1,000.00	\$ 2,500.00	\$ 2,500.00	\$ 3,050.00	\$ 3,050.00	\$ 2,500.00	\$ 2,500.00
2100	Trench Safety (Sewer), complete in place for the sum of	LF	15730	\$ 3.00	\$ 47,190.00	\$ 0.01	\$ 157.30	\$ 0.01	\$ 157.30	\$ 7.00	\$ 110,110.00	\$ 1.00	\$ 15,730.00
2100	Bypass piping with pumps, complete in place for the sum of	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 1.00	\$ 1.00	\$ 4,500.00	\$ 4,500.00	\$ 150,000.00	\$ 150,000.00	\$ 13,500.00	\$ 13,500.00
5000	Abandon Cypress Creek Lift Station, complete in place for the sum of	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 13,000.00	\$ 13,000.00	\$ 15,000.00	\$ 15,000.00	\$ 30,000.00	\$ 30,000.00	\$ 17,500.00	\$ 17,500.00
5100	Abandon Coit Road Lift Station, complete in place for the sum of	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 13,000.00	\$ 13,000.00	\$ 14,500.00	\$ 14,500.00	\$ 30,000.00	\$ 30,000.00	\$ 17,500.00	\$ 17,500.00
5200	Abandon Harold Bacchus Park Lift Station, complete in place for the sum of	LS	1	\$ 10,000.00	\$ 10,000.00	\$ 13,000.00	\$ 13,000.00	\$ 14,000.00	\$ 14,000.00	\$ 30,000.00	\$ 30,000.00	\$ 17,500.00	\$ 17,500.00
5300	Abandon Sorano Lift Station, complete in place for the sum of	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 13,000.00	\$ 13,000.00	\$ 14,000.00	\$ 14,000.00	\$ 30,000.00	\$ 30,000.00	\$ 17,500.00	\$ 17,500.00
5400	Abandon Eldorado Lift Station, complete in place for the sum of	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 13,000.00	\$ 13,000.00	\$ 26,500.00	\$ 26,500.00	\$ 30,000.00	\$ 30,000.00	\$ 11,000.00	\$ 11,000.00
2100	Drill Shaft (24"), complete in place for the sum of	LF	12	\$ 400.00	\$ 4,800.00	\$ 600.00	\$ 7,200.00	\$ 225.00	\$ 2,700.00	\$ 330.83	\$ 3,969.96	\$ 430.00	\$ 5,160.00
2200	Drill Shaft (30"), complete in place for the sum of	LF	12	\$ 450.00	\$ 5,400.00	\$ 700.00	\$ 8,400.00	\$ 300.00	\$ 3,600.00	\$ 355.83	\$ 4,269.96	\$ 625.00	\$ 7,500.00
2000	Gabions (PVC) (3'), complete in place for the sum of	CY	340	\$ 250.00	\$ 85,000.00	\$ 270.00	\$ 91,800.00	\$ 212.00	\$ 72,080.00	\$ 315.00	\$ 107,100.00	\$ 300.00	\$ 102,000.00
2100	Gabion Mattress (PVC) (12"), complete in place for the sum of	SY	920	\$ 100.00	\$ 92,000.00	\$ 100.00	\$ 92,000.00	\$ 73.00	\$ 67,160.00	\$ 58.65	\$ 53,958.00	\$ 100.00	\$ 92,000.00
2000	Gabions (PVC) (3') bank stabilization structure, complete in place for the sum of	CY	1400	\$ 400.00	\$ 560,000.00	\$ 270.00	\$ 378,000.00	\$ 338.00	\$ 473,200.00	\$ 460.00	\$ 644,000.00	\$ 400.00	\$ 560,000.00
2500	Erosion Control Blanket, complete in place for the sum of	SY	1820	\$ 5.00	\$ 9,100.00	\$ 2.00	\$ 3,640.00	\$ 1.00	\$ 1,820.00	\$ 7.88	\$ 14,341.60	\$ 3.00	\$ 5,460.00
2500	24" dry rock riprap, complete in place for the sum of	SY	250	\$ 100.00	\$ 25,000.00	\$ 83.00	\$ 20,750.00	\$ 95.00	\$ 23,750.00	\$ 79.30	\$ 19,825.00	\$ 100.00	\$ 25,000.00
3000	Debris removal, disposal, and regrading to match adjacent contours from Sheet C6.06 (30% Completion), complete and in place for the sum of	LS	1	\$ 15,000.00	\$ 15,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,500.00	\$ 3,500.00	\$ 25,000.00	\$ 25,000.00	\$ 10,000.00	\$ 10,000.00
2000	Encasement (concrete), complete in place for the sum of	LF	250	\$ 150.00	\$ 37,500.00	\$ 50.00	\$ 12,500.00	\$ 44.00	\$ 11,000.00	\$ 70.52	\$ 17,630.00	\$ 25.00	\$ 6,250.00
2150	Furnish and install 15" steel encasement pipe for aerial crossing, complete in place for the sum of	LF	70	\$ 175.00	\$ 12,250.00	\$ 297.00	\$ 20,790.00	\$ 375.00	\$ 26,250.00	\$ 471.66	\$ 33,016.20	\$ 300.00	\$ 21,000.00
2950	Furnish and install 36" steel encasement pipe for aerial crossing, complete in place for the sum of	LF	80	\$ 300.00	\$ 24,000.00	\$ 427.00	\$ 34,160.00	\$ 594.00	\$ 47,520.00	\$ 591.95	\$ 47,356.00	\$ 415.00	\$ 33,200.00
2400	Class F Concrete (Bent), complete in place for the sum of	CY	14	\$ 140.00	\$ 1,960.00	\$ 1,500.00	\$ 21,000.00	\$ 150.00	\$ 2,100.00	\$ 2,036.43	\$ 28,510.02	\$ 500.00	\$ 7,000.00
	TOTAL AMOUNT - BASE BID			\$ 7,299,346.00		\$ 6,145,550.30		\$ 6,467,166.30		\$ 8,066,197.19		\$ 7,697,722.00	

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				UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
ALTERNATIVE 1 - BASE BID WITH PVC PIPE													
3000	Gravity Wastewater - PVC (PS 115) (21")	LF	4400	\$ 140.00	\$ 616,000.00	\$ 146.00	\$ 642,400.00	\$ 155.00	\$ 682,000.00	\$ 132.40	\$ 582,560.00	\$ 153.00	\$ 673,200.00
3200	Gravity Wastewater - PVC (PS 115) (27")	LF	1520	\$ 155.00	\$ 235,600.00	\$ 169.00	\$ 256,880.00	\$ 176.00	\$ 267,520.00	\$ 157.88	\$ 239,977.60	\$ 181.00	\$ 275,120.00
2500	Gravity Wastewater - PVC (PS 46) (30")	LF	1370	\$ 160.00	\$ 219,200.00	\$ 171.00	\$ 234,270.00	\$ 180.00	\$ 246,600.00	\$ 158.79	\$ 217,542.30	\$ 177.00	\$ 242,490.00
3300	Gravity Wastewater - PVC (PS 115) (30")	LF	1800	\$ 170.00	\$ 306,000.00	\$ 186.00	\$ 334,800.00	\$ 192.00	\$ 345,600.00	\$ 177.40	\$ 319,320.00	\$ 194.00	\$ 349,200.00
3600	Deduct Gravity Wastewater - FRP (SN 72) (21")	LF	-4400	\$ 150.00	\$ (660,000.00)	\$ 160.00	\$ (704,000.00)	\$ 169.00	\$ (743,600.00)	\$ 152.50	\$ (671,000.00)	\$ 165.00	\$ (726,000.00)
3200	Deduct Gravity Wastewater - FRP (SN 72) (27")	LF	-1520	\$ 165.00	\$ (250,800.00)	\$ 179.00	\$ (272,080.00)	\$ 186.00	\$ (282,720.00)	\$ 168.67	\$ (256,378.40)	\$ 195.00	\$ (296,400.00)
3900	Deduct Gravity Wastewater - FRP (SN 46) (30")	LF	-1370	\$ 170.00	\$ (232,900.00)	\$ 186.00	\$ (254,820.00)	\$ 195.00	\$ (267,150.00)	\$ 177.75	\$ (243,517.50)	\$ 201.00	\$ (275,370.00)
3300	Deduct Gravity Wastewater - FRP (SN 72) (30")	LF	-1800	\$ 180.00	\$ (324,000.00)	\$ 193.00	\$ (347,400.00)	\$ 199.00	\$ (358,200.00)	\$ 184.75	\$ (332,550.00)	\$ 203.00	\$ (365,400.00)
TOTAL AMOUNT - BID ALTERNATIVE 1				\$	(90,900.00)	\$	(109,950.00)	\$	(109,950.00)	\$	(144,046.00)	\$	(123,160.00)

ALTERNATIVE 2 - BASE BID WITH POLYMER CONCRETE MANHOLES													
2000	Polymer Concrete Manhole (48"), complete in place for the sum of	EA	3	\$ 22,000.00	\$ 66,000.00	\$ 15,000.00	\$ 45,000.00	\$ 15,000.00	\$ 45,000.00	\$ 13,163.00	\$ 39,489.00	\$ 21,707.00	\$ 65,121.00
2000	Polymer Concrete (48") (Type S) Drop, complete in place for the sum of	EA	3	\$ 24,000.00	\$ 72,000.00	\$ 18,000.00	\$ 54,000.00	\$ 17,500.00	\$ 52,500.00	\$ 15,335.00	\$ 46,005.00	\$ 23,500.00	\$ 70,500.00
2100	Polymer Concrete Manhole (60"), complete in place for the sum of	EA	38	\$ 24,000.00	\$ 912,000.00	\$ 16,000.00	\$ 608,000.00	\$ 15,560.00	\$ 591,280.00	\$ 16,360.00	\$ 621,680.00	\$ 22,500.00	\$ 855,000.00
2200	Polymer Concrete Manhole (60") (Drop), complete in place for the sum of	EA	3	\$ 26,000.00	\$ 78,000.00	\$ 20,000.00	\$ 60,000.00	\$ 18,200.00	\$ 54,600.00	\$ 17,645.00	\$ 52,935.00	\$ 27,000.00	\$ 81,000.00
2300	Polymer Concrete Manhole (60") (Type S), complete in place for the sum of	EA	3	\$ 24,000.00	\$ 72,000.00	\$ 16,000.00	\$ 48,000.00	\$ 16,200.00	\$ 48,600.00	\$ 17,820.00	\$ 53,460.00	\$ 24,700.00	\$ 74,100.00
2400	Polymer Concrete Manhole (72"), complete in place for the sum of	EA	16	\$ 26,000.00	\$ 416,000.00	\$ 21,000.00	\$ 336,000.00	\$ 21,100.00	\$ 337,600.00	\$ 20,930.00	\$ 334,880.00	\$ 29,500.00	\$ 472,000.00
2400	Polymer Concrete Manhole (72") (Type S), complete in place for the sum of	EA	3	\$ 26,000.00	\$ 78,000.00	\$ 21,000.00	\$ 63,000.00	\$ 21,600.00	\$ 64,800.00	\$ 21,880.00	\$ 65,640.00	\$ 31,700.00	\$ 95,100.00
2000	Deduct Fiberglass Manhole (48"), complete in place for the sum of	EA	-3	\$ 16,000.00	\$ (48,000.00)	\$ 10,600.00	\$ (31,800.00)	\$ 12,000.00	\$ (36,000.00)	\$ 7,007.00	\$ (21,021.00)	\$ 18,000.00	\$ (54,000.00)
2000	Deduct Fiberglass (48") (Type S) Drop, complete in place for the sum of	EA	-3	\$ 19,000.00	\$ (57,000.00)	\$ 13,700.00	\$ (41,100.00)	\$ 13,000.00	\$ (39,000.00)	\$ 8,457.00	\$ (25,371.00)	\$ 17,500.00	\$ (52,500.00)
2100	Deduct Fiberglass Manhole (60"), complete in place for the sum of	EA	-38	\$ 17,000.00	\$ (646,000.00)	\$ 11,800.00	\$ (448,400.00)	\$ 12,500.00	\$ (475,000.00)	\$ 12,307.02	\$ (467,666.76)	\$ 22,600.00	\$ (858,800.00)
2200	Deduct Fiberglass Manhole (60") (Drop), complete in place for the sum of	EA	-3	\$ 19,000.00	\$ (57,000.00)	\$ 15,900.00	\$ (47,700.00)	\$ 12,500.00	\$ (37,500.00)	\$ 14,314.02	\$ (42,942.06)	\$ 22,400.00	\$ (67,200.00)
2300	Deduct Fiberglass Manhole (60") (Type S), complete in place for the sum of	EA	-3	\$ 21,000.00	\$ (63,000.00)	\$ 11,900.00	\$ (35,700.00)	\$ 13,000.00	\$ (39,000.00)	\$ 15,002.00	\$ (45,006.00)	\$ 25,000.00	\$ (75,000.00)
2400	Deduct Fiberglass Manhole (72"), complete in place for the sum of	EA	-16	\$ 22,000.00	\$ (352,000.00)	\$ 13,400.00	\$ (214,400.00)	\$ 13,700.00	\$ (219,200.00)	\$ 14,416.21	\$ (230,659.36)	\$ 29,000.00	\$ (464,000.00)
2400	Deduct Fiberglass Manhole (72") (Type S), complete in place for the sum of	EA	-3	\$ 22,000.00	\$ (66,000.00)	\$ 13,500.00	\$ (40,500.00)	\$ 12,000.00	\$ (36,000.00)	\$ 15,266.21	\$ (45,798.63)	\$ 26,600.00	\$ (79,800.00)
TOTAL AMOUNT - BID ALTERNATIVE 2				\$	405,000.00	\$	354,400.00	\$	312,680.00	\$	335,624.19	\$	61,521.00

TOTAL AMOUNT - BASE BID				\$	7,299,346.00	\$	6,145,550.30	\$	6,467,166.30	\$	8,066,197.19	\$	7,697,722.00
TOTAL AMOUNT - BASE BID + ALTERNATIVE 1				\$	7,208,446.00	\$	6,035,600.30	\$	6,357,216.30	\$	7,922,151.19	\$	7,574,562.00
TOTAL AMOUNT - BASE BID + ALTERNATIVE 2				\$	7,704,346.00	\$	6,499,950.30	\$	6,779,846.30	\$	8,401,821.38	\$	7,759,243.00
TOTAL AMOUNT - BASE BID + ALTERNATIVE 1+ALTERNATIVE 2				\$	7,613,446.00	\$	6,390,000.30	\$	6,669,896.30	\$	8,257,775.38	\$	7,636,083.00