

October 9, 2024

City of Pflugerville Public Works Department
 15500 Sun Light Near Way #B
 Pflugerville, Texas, 78660

Attn: Jeff Dunsworth
 Assistant Director Utility Engineering/City Engineer

Re: Secondary Colorado River Raw Water Line (SCR RWL) Package 3
 FNI Project No. PFL22216
 Recommendation of Award of Contract

Dear Mr. Dunsworth:

Proposals for the Secondary Colorado River Raw Water Line (SCR RWL) Project – Package 3 were received and opened by the City of Pflugerville (City) on September 5, 2024, at 2:00 pm. A total of five proposals were received from:

- BELT Construction of Texas, LLC
- Harper Brothers Construction, LLC
- Mountain Cascade of Texas, LLC
- S.J. Louis Construction of Texas, Ltd.
- Thalle Construction Company, Inc.

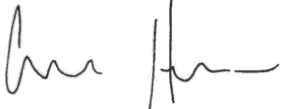
A summary of the proposal bid amounts for the steel pipe alternative is provided below:

Project Item Information	BELT	Harper Brothers	Mountain Cascade	S.J. Louis	Thalle
	Proposal Value	Proposal Value	Proposal Value	Proposal Value	Proposal Value
TOTAL BASE BID PACKAGE 3 (STEEL PIPE)	\$51,901,036	\$70,792,814.25	\$57,212,840	\$56,665,407.35	\$55,476,870

Freese and Nichols, Inc. (FNI) and the City’s Selection Committee reviewed the submitted proposal documents in accordance with requirements included in Bidding and Contract Documents Section 01-2.0 “Instructions to Offerors” and conducted reference checks. After review of the proposals, S.J. Louis Construction of Texas, Ltd., appears to be qualified and capable of performing the work for this project and shows to provide the best value to the City for this project. Based upon this information, FNI recommends that the City award the construction contract for Package 3 of this project to S.J. Louis Construction of Texas, Ltd., including the total base bid for Package 3 with the steel pipe alternate for a total proposal amount of \$56,665,407.35.

If you have any questions concerning this recommendation, please contact me at 512-617-3125.

Sincerely,

A handwritten signature in black ink, appearing to read "Anne Hoskins". The signature is fluid and cursive, with a vertical line separating the first and last names.

Anne Carrel Hoskins, P.E.
Project Manager
Freese and Nichols, Inc.

Attachments
Bid Tabulation

Bid Proposal Package - SCR RWL - Package 3			Offeror 1				Offeror 2				Offeror 3			
Offeror Name			Mountain Cascade				Thalle Construction Company				SJ Louis			
Section 1 - Direct Costs														
Base	Description	Quantity	U/M	Unit Price	Total	Quantity	U/M	Unit Price	Total	Quantity	U/M	Unit Price	Total	
C - Earthwork and Roadways														
1	Mobilization (4%)	1	LS	\$ 1,500,000.00	\$ 1,500,000.00	1	LS	\$ 2,000,000.00	\$ 2,000,000.00	1	LS	\$ 2,000,000.00	\$ 2,000,000.00	
2	Construction Staking	1	LS	\$ 230,000.00	\$ 230,000.00	1	LS	\$ 123,000.00	\$ 123,000.00	1	LS	\$ 120,000.00	\$ 120,000.00	
3	Construction Survey	1	LS	\$ 5,000.00	\$ 5,000.00	1	LS	\$ 20,000.00	\$ 20,000.00	1	LS	\$ 80,000.00	\$ 80,000.00	
4	Preparing ROW	117	AC	\$ 2,300.00	\$ 269,100.00	117	AC	\$ 6,500.00	\$ 760,500.00	117	AC	\$ 2,150.00	\$ 251,550.00	
5	Flexible Base, 8"	2465	SY	\$ 35.00	\$ 86,275.00	2465	SY	\$ 28.00	\$ 69,020.00	2465	SY	\$ 34.00	\$ 83,810.00	
6	Reconstruct Typical Concrete Urban Trail	387	SY	\$ 200.00	\$ 77,400.00	387	SY	\$ 260.00	\$ 100,620.00	387	SY	\$ 95.00	\$ 36,765.00	
7	Reconstruct Concrete Sidewalks to 6 inch thickness, including removal of existing sidewalk	998	SY	\$ 250.00	\$ 249,500.00	998	SY	\$ 280.00	\$ 279,440.00	998	SY	\$ 102.00	\$ 101,796.00	
8	Traffic Control	18	MO	\$ 3,500.00	\$ 63,000.00	18	MO	\$ 4,300.00	\$ 77,400.00	18	MO	\$ 3,000.00	\$ 54,000.00	
9	Channel Crossing Protection	1815	SY	\$ 300.00	\$ 544,500.00	1815	SY	\$ 360.00	\$ 653,400.00	1815	SY	\$ 445.00	\$ 807,675.00	
D - Walnut Creek Bank Stabilization														
10	Preparing ROW	0.25	AC	\$ 7,000.00	\$ 1,750.00	0.25	AC	\$ 6,500.00	\$ 1,625.00	0.25	AC	\$ 10,000.00	\$ 2,500.00	
11	Precast Modular Block Retaining Wall	70	SY	\$ 2,200.00	\$ 154,000.00	70	SY	\$ 2,300.00	\$ 161,000.00	70	SY	\$ 1,500.00	\$ 105,000.00	
12	Pipe Underdrains 3 In.	200	LF	\$ 55.00	\$ 11,000.00	200	LF	\$ 11.00	\$ 2,200.00	200	LF	\$ 50.00	\$ 10,000.00	
13	Dry Rock Riprap Class V	210	CY	\$ 330.00	\$ 69,300.00	210	CY	\$ 310.00	\$ 65,100.00	210	CY	\$ 250.00	\$ 52,500.00	
14	Vegetated Soil-Rock Riprap Class III	170	CY	\$ 110.00	\$ 18,700.00	170	CY	\$ 370.00	\$ 62,900.00	170	CY	\$ 300.00	\$ 51,000.00	
15	Vegetated Soil-Rock Riprap Class V	110	CY	\$ 110.00	\$ 12,100.00	110	CY	\$ 480.00	\$ 52,800.00	110	CY	\$ 300.00	\$ 33,000.00	
16	Soil Retention Blanket, Class 1; Type A	270	SY	\$ 2.00	\$ 540.00	270	SY	\$ 3.00	\$ 810.00	270	SY	\$ 2.60	\$ 702.00	
17	Geogrid, Foundation	100	SY	\$ 300.00	\$ 30,000.00	100	SY	\$ 5.00	\$ 500.00	100	SY	\$ 10.00	\$ 1,000.00	
18	Planting Type: Rooting Plant, Bare Root Stock 2-0, Pecan	27	EA	\$ 400.00	\$ 10,800.00	27	EA	\$ 50.00	\$ 1,350.00	27	EA	\$ 45.00	\$ 1,215.00	
19	Planting Type: Rooting Plant, Bare Root Stock 2-0, Sugar Berry	30	EA	\$ 400.00	\$ 12,000.00	30	EA	\$ 50.00	\$ 1,500.00	30	EA	\$ 45.00	\$ 1,350.00	
20	Planting Type: Rooting Plant, Bare Root Stock 2-0, American Sycamore	25	EA	\$ 400.00	\$ 10,000.00	25	EA	\$ 50.00	\$ 1,250.00	25	EA	\$ 45.00	\$ 1,125.00	
21	Planting Type: Rooting Plant, Bare Root Stock 2-0, Roughleaf Dogwood	21	EA	\$ 400.00	\$ 8,400.00	21	EA	\$ 50.00	\$ 1,050.00	21	EA	\$ 45.00	\$ 945.00	
22	Planting Type: Rooting Plant, Bare Root Stock 2-0, Black Willow	21	EA	\$ 400.00	\$ 8,400.00	21	EA	\$ 50.00	\$ 1,050.00	21	EA	\$ 45.00	\$ 945.00	
23	Planting Type: Rooting Plant, Bare Root Stock 2-0, American Elm	25	EA	\$ 400.00	\$ 10,000.00	25	EA	\$ 50.00	\$ 1,250.00	25	EA	\$ 45.00	\$ 1,125.00	
24	Planting Type: Rooting Plant, Bare Root Stock 2-0, Common Persimmon	21	EA	\$ 400.00	\$ 8,400.00	21	EA	\$ 50.00	\$ 1,050.00	21	EA	\$ 36.00	\$ 756.00	
25	Topsoil and Seedbed Preparation	150	SY	\$ 40.00	\$ 6,000.00	150	SY	\$ 120.00	\$ 18,000.00	150	SY	\$ 120.00	\$ 18,000.00	
26	Filter Fabric	180	SY	\$ 5.00	\$ 900.00	180	SY	\$ 10.00	\$ 1,800.00	180	SY	\$ 10.00	\$ 1,800.00	
27	Native Seeding - Herbaceous Seed Mix, Hydraulic Planting Per Square Yard	250	SY	\$ 5.00	\$ 1,250.00	250	SY	\$ 1.00	\$ 250.00	250	SY	\$ 0.75	\$ 187.50	
28	Live Stake	220	EA	\$ 280.00	\$ 61,600.00	220	EA	\$ 41.00	\$ 9,020.00	220	EA	\$ 40.00	\$ 8,800.00	
29	Special Shoring	1300	SF	\$ 8.00	\$ 10,400.00	1300	SF	\$ 35.00	\$ 45,500.00	1300	SF	\$ 30.00	\$ 39,000.00	
30	Extended Tree Maintenance	18	MO	\$ 1,300.00	\$ 23,400.00	18	MO	\$ 4,100.00	\$ 73,800.00	18	MO	\$ 3,850.00	\$ 69,300.00	
31	Coir Wrapped Top Soil	160	LF	\$ 50.00	\$ 8,000.00	160	LF	\$ 76.00	\$ 12,160.00	160	LF	\$ 32.00	\$ 5,120.00	
E - Environmental and Fencing														
32	Rock Berm	540	LF	\$ 80.00	\$ 43,200.00	540	LF	\$ 80.00	\$ 43,200.00	540	LF	\$ 66.00	\$ 35,640.00	
33	Soil Retention Blanket (Class 1 Type A)	1635	SY	\$ 5.00	\$ 8,175.00	1635	SY	\$ 5.00	\$ 8,175.00	1635	SY	\$ 3.00	\$ 4,905.00	
34	Topsoil and Seedbed Preparation	117	AC	\$ 750.00	\$ 87,750.00	117	AC	\$ 5,900.00	\$ 690,300.00	117	AC	\$ 5,520.00	\$ 645,840.00	
35	Native Seeding for Erosion Control Method, Hydraulic Planting	117	AC	\$ 9,000.00	\$ 1,053,000.00	117	AC	\$ 4,740.00	\$ 554,580.00	117	AC	\$ 3,285.00	\$ 384,345.00	
36	Protective Fencing Type A Chain Link fence (Typical Application-high damage potential)	7445	LF	\$ 13.00	\$ 96,785.00	7445	LF	\$ 9.00	\$ 67,005.00	7445	LF	\$ 5.50	\$ 40,947.50	
37	Stabilized Construction Entrance	13	EA	\$ 3,000.00	\$ 39,000.00	13	EA	\$ 3,100.00	\$ 40,300.00	13	EA	\$ 5,000.00	\$ 65,000.00	
38	Silt Fence for Erosion Control	104770	LF	\$ 2.00	\$ 209,540.00	104770	LF	\$ 2.00	\$ 209,540.00	104770	LF	\$ 5.50	\$ 576,235.00	
39	Mulch Sock	35584	LF	\$ 7.00	\$ 249,088.00	35584	LF	\$ 5.00	\$ 177,920.00	35584	LF	\$ 10.50	\$ 373,632.00	
40	Prepare and Implement Storm Water Pollution Prevention Plan (SWPPP)	1	LS	\$ 3,000.00	\$ 3,000.00	1	LS	\$ 112,500.00	\$ 112,500.00	1	LS	\$ 12,300.00	\$ 12,300.00	
41	Chain Link Fence	640	LF	\$ 90.00	\$ 57,600.00	640	LF	\$ 88.00	\$ 56,320.00	640	LF	\$ 45.00	\$ 28,800.00	
42	Barbed Wire Fence	9466	LF	\$ 8.00	\$ 75,728.00	9466	LF	\$ 28.00	\$ 265,048.00	9466	LF	\$ 10.00	\$ 94,660.00	
43	Apartment Fence	585	LF	\$ 120.00	\$ 70,200.00	585	LF	\$ 66.00	\$ 38,610.00	585	LF	\$ 30.00	\$ 17,550.00	
44	Metal Pipe Fence	210	LF	\$ 75.00	\$ 15,750.00	210	LF	\$ 110.00	\$ 23,100.00	210	LF	\$ 77.00	\$ 16,170.00	
45	Steel Pipe Vehicular Swing Gate, 16 Ft. x 5 Ft.	19	EA	\$ 6,000.00	\$ 114,000.00	19	EA	\$ 8,850.00	\$ 168,150.00	19	EA	\$ 8,275.00	\$ 157,225.00	
F - Pipeline Appurtenances														
46	Valves, Gate Valve Type, 42 in. Dia.	10	EA	\$ 125,000.00	\$ 1,250,000.00	10	EA	\$ 132,000.00	\$ 1,320,000.00	10	EA	\$ 140,700.00	\$ 1,407,000.00	
47	Blowoff Valve Assemblies - Type A	16	EA	\$ 10,000.00	\$ 160,000.00	16	EA	\$ 21,000.00	\$ 336,000.00	16	EA	\$ 37,600.00	\$ 601,600.00	
48	Blowoff Valve Assemblies - Type B	7	EA	\$ 27,000.00	\$ 189,000.00	7	EA	\$ 35,000.00	\$ 245,000.00	7	EA	\$ 43,550.00	\$ 304,850.00	
49	Automatic Combination Air/Vacuum Release Valve Assembly, 4" Diameter	27	EA	\$ 43,000.00	\$ 1,161,000.00	27	EA	\$ 67,000.00	\$ 1,809,000.00	27	EA	\$ 87,150.00	\$ 2,353,050.00	
50	Automatic Combination Air/Vacuum Release Valve Assembly, 6" Diameter	4	EA	\$ 55,000.00	\$ 220,000.00	4	EA	\$ 80,000.00	\$ 320,000.00	4	EA	\$ 91,950.00	\$ 367,800.00	

51	Automatic Combination Air/Vacuum Release Valve Assembly, 8" Diameter	1	EA	\$ 65,000.00	\$ 65,000.00	1	EA	\$ 89,000.00	\$ 89,000.00	1	EA	\$ 106,750.00	\$ 106,750.00
52	Connect to Existing 42" Pipeline - Package 2	1	EA	\$ 100,000.00	\$ 100,000.00	1	EA	\$ 9,000.00	\$ 9,000.00	1	EA	\$ 89,900.00	\$ 89,900.00
53	Connect to Existing 42" Pipeline - Package 4	1	EA	\$ 100,000.00	\$ 100,000.00	1	EA	\$ 9,000.00	\$ 9,000.00	1	EA	\$ 89,900.00	\$ 89,900.00
54	Trench Excavation Safety Protective Systems (all depths)	48015	LF	\$ 1.00	\$ 48,015.00	48015	LF	\$ 1.00	\$ 48,015.00	48015	LF	\$ 0.01	\$ 480.15
55	Impressed Current Cathodic Protection Rectifier	3	EA	\$ 100,000.00	\$ 300,000.00	3	EA	\$ 88,000.00	\$ 264,000.00	3	EA	\$ 70,000.00	\$ 210,000.00
56	Test Stations w/ Concrete Boxes & Installation	75	EA	\$ 2,000.00	\$ 150,000.00	75	EA	\$ 3,300.00	\$ 247,500.00	75	EA	\$ 1,700.00	\$ 127,500.00
57	Impressed Current Anodes	30	EA	\$ 12,000.00	\$ 360,000.00	30	EA	\$ 2,700.00	\$ 81,000.00	30	EA	\$ 7,500.00	\$ 225,000.00
58	8# AWG HMWPE (Pipe Test Lead)	4300	LF	\$ 4.00	\$ 17,200.00	4300	LF	\$ 0.60	\$ 2,580.00	4300	LF	\$ 1.00	\$ 4,300.00
59	8# AWG IJTS (Pipe Test Lead)	300	LF	\$ 4.00	\$ 1,200.00	300	LF	\$ 0.60	\$ 180.00	300	LF	\$ 1.00	\$ 300.00
60	Continuity Testing of Existing C303 Pipeline	1	LS	\$ 30,000.00	\$ 30,000.00	1	LS	\$ 120,000.00	\$ 120,000.00	1	LS	\$ 25,000.00	\$ 25,000.00
61	Exothermic Welds, Handy Caps, Primer, and Petrolatum tape	1	LS	\$ 100,000.00	\$ 100,000.00	1	LS	\$ 75,000.00	\$ 75,000.00	1	LS	\$ 400,000.00	\$ 400,000.00
62	Cathodic Protection Rectifier - Installation, QA Testing, and Training	3	EA	\$ 90,000.00	\$ 270,000.00	3	EA	\$ 65,000.00	\$ 195,000.00	3	EA	\$ 10,000.00	\$ 30,000.00
I - Allowance													
63	Remobilization for installation of 60-inch Dia. Min. Steel Casing by Trenchless Construction, with 42-inch Carrier Pipe and Installation Materials (Cap Metro RR ROW) due to delayed crossing permit with authorization by the City of Pflugerville.	1	LS	\$ 40,000.00	\$ 40,000.00	1	LS	\$ 40,000.00	\$ 40,000.00	1	LS	\$ 40,000.00	\$ 40,000.00
64	Remobilization for construction on Parcel 6b and installation of 60-inch Dia. Min. Steel Casing by Trenchless Construction, with 42-inch Carrier Pipe and Installation Materials (FM 969) due to delayed acquisition of easements on Parcel 6b with authorization by the City of Pflugerville..	1	LS	\$ 40,000.00	\$ 40,000.00	1	LS	\$ 40,000.00	\$ 40,000.00	1	LS	\$ 40,000.00	\$ 40,000.00
65	Remobilization for installation of 60-inch Dia. Min. Steel Casing by Trenchless Construction, with 42-inch Carrier Pipe and Installation Materials (US 290) due to delayed acquisition of easement on Parcel 22 with authorization by the City of Pflugerville.	1	LS	\$ 40,000.00	\$ 40,000.00	1	LS	\$ 40,000.00	\$ 40,000.00	1	LS	\$ 40,000.00	\$ 40,000.00
66	Joint Bonding Existing C303 Pipeline - 0 to 10 feet of cover	20	EA	\$ 1,200.00	\$ 24,000.00	20	EA	\$ 2,000.00	\$ 40,000.00	20	EA	\$ 3,250.00	\$ 65,000.00
67	Joint Bonding Existing C303 Pipeline - Greater than 10 feet of cover	20	EA	\$ 1,300.00	\$ 26,000.00	20	EA	\$ 3,000.00	\$ 60,000.00	20	EA	\$ 5,750.00	\$ 115,000.00
68	Test Stations W/ Concrete Boxes & Installation - Existing C303 Pipeline	40	EA	\$ 1,700.00	\$ 68,000.00	40	EA	\$ 3,500.00	\$ 140,000.00	40	EA	\$ 6,250.00	\$ 250,000.00
69	City of Austin Traffic Control Plan (TCP) Review Fees	1	LS	\$ 2,000.00	\$ 2,000.00	1	LS	\$ 2,000.00	\$ 2,000.00	1	LS	\$ 2,000.00	\$ 2,000.00
70	Flagger(s) and Observer(s) for duration of trenchless construction within CapMetro Railroad ROW.	1	LS	\$ 100,000.00	\$ 100,000.00	1	LS	\$ 100,000.00	\$ 100,000.00	1	LS	\$ 100,000.00	\$ 100,000.00
Add or Deduct (Package 3 DI)													
71	Add or Deduct (Package 3 DI)	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -	1	LS	\$ -	\$ -
G - Base Bid - Ductile Iron Pipe with Steel Pipe Crossings													
72	60-inch Dia. Min. Steel Casing by Trenchless Construction, with 42-inch Ductile Iron Pressure Class 200 Carrier Pipe and Installation Materials (Cap Metro RR ROW)	207	LF	\$ 3,500.00	\$ 724,500.00	207	LF	\$ 3,600.00	\$ 745,200.00	207	LF	\$ 4,010.00	\$ 830,070.00
73	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch Ductile Iron Pressure Class 150 Carrier Pipe and Installation Materials (Loyola Lane)	133	LF	\$ 3,400.00	\$ 452,200.00	133	LF	\$ 3,600.00	\$ 478,800.00	133	LF	\$ 4,105.00	\$ 545,965.00
74	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch Ductile Iron Pressure Class 150 Carrier Pipe and Installation Materials (Old Manor Road)	174	LF	\$ 3,400.00	\$ 591,600.00	174	LF	\$ 3,600.00	\$ 626,400.00	174	LF	\$ 4,030.00	\$ 701,220.00
75	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Hidden Creek Apartments South)	525	LF	\$ 3,300.00	\$ 1,732,500.00	525	LF	\$ 3,600.00	\$ 1,890,000.00	525	LF	\$ 3,200.00	\$ 1,680,000.00
76	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Hidden Creek Apartments North)	284	LF	\$ 3,300.00	\$ 937,200.00	284	LF	\$ 3,600.00	\$ 1,022,400.00	284	LF	\$ 3,365.00	\$ 955,660.00
77	60-inch Dia. Min. Steel Casing by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (US 290)	609	LF	\$ 3,300.00	\$ 2,009,700.00	609	LF	\$ 3,600.00	\$ 2,192,400.00	609	LF	\$ 3,170.00	\$ 1,930,530.00
78	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Unnamed Creek Crossing at STA 326+65)	83	LF	\$ 3,500.00	\$ 290,500.00	83	LF	\$ 7,000.00	\$ 581,000.00	83	LF	\$ 7,760.00	\$ 644,080.00

79	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch Ductile Iron Pressure Class 150 Carrier Pipe and Installation Materials (Unnamed Creek Crossing at STA 363+80)	144	LF	\$ 3,300.00	\$ 475,200.00	144	LF	\$ 3,600.00	\$ 518,400.00	144	LF	\$ 6,170.00	\$ 888,480.00
80	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch Ductile Iron Pressure Class 150 Carrier Pipe and Installation Materials (Blue Goose Road)	124	LF	\$ 3,400.00	\$ 421,600.00	124	LF	\$ 3,600.00	\$ 446,400.00	124	LF	\$ 4,125.00	\$ 511,500.00
81	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Cameron Road)	101	LF	\$ 3,500.00	\$ 353,500.00	101	LF	\$ 3,600.00	\$ 363,600.00	101	LF	\$ 3,830.00	\$ 386,830.00
82	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch Ductile Iron Pressure Class 150 Carrier Pipe and Installation Materials (E. Parmer Lane/FM 734)	265	LF	\$ 3,300.00	\$ 874,500.00	265	LF	\$ 3,600.00	\$ 954,000.00	265	LF	\$ 3,920.00	\$ 1,038,800.00
83	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch Ductile Iron Pressure Class 200 Carrier Pipe and Installation Materials (All Other Trenchless Crossings)	354	LF	\$ 3,500.00	\$ 1,239,000.00	354	LF	\$ 4,000.00	\$ 1,416,000.00	354	LF	\$ 4,195.00	\$ 1,485,030.00
84	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch Ductile Iron Pressure Class 150 Carrier Pipe and Installation Materials (All Other Trenchless Crossings)	145	LF	\$ 3,600.00	\$ 522,000.00	145	LF	\$ 4,100.00	\$ 594,500.00	145	LF	\$ 4,265.00	\$ 618,425.00
85	60-inch Dia. Min. Steel Casing by Microtunnel, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 200 Carrier Pipe and Installation Materials (Boggy Creek)	113	LF	\$ 16,000.00	\$ 1,808,000.00	113	LF	\$ 14,000.00	\$ 1,582,000.00	113	LF	\$ 7,190.00	\$ 812,470.00
86	60-inch Dia. Min. Steel Casing by Microtunnel, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 200 Carrier Pipe and Installation Materials (MLK/FM 969)	198	LF	\$ 14,000.00	\$ 2,772,000.00	198	LF	\$ 7,000.00	\$ 1,386,000.00	198	LF	\$ 6,110.00	\$ 1,209,780.00
87	60-inch Dia. Steel Casing by Microtunnel, with 42-inch Ductile Iron Pressure Class 200 Carrier Pipe and Installation Materials (Walnut Creek)	228	LF	\$ 10,000.00	\$ 2,280,000.00	228	LF	\$ 11,000.00	\$ 2,508,000.00	228	LF	\$ 7,220.00	\$ 1,646,160.00
88	60-inch Dia. Steel Casing by Microtunnel, with 42-inch Ductile Iron Pressure Class 150 Carrier Pipe and Installation Materials (Harris Branch Crossing)	149	LF	\$ 14,000.00	\$ 2,086,000.00	149	LF	\$ 14,000.00	\$ 2,086,000.00	149	LF	\$ 9,170.00	\$ 1,366,330.00
89	Remove existing 30" AWWA C303 90-deg bend and replace with 30" x 30" DIP Pressure Class 200 Tee, Complete in Place, including all appurtenant work	1	EA	\$ 74,000.00	\$ 74,000.00	1	EA	\$ 65,000.00	\$ 65,000.00	1	EA	\$ 92,000.00	\$ 92,000.00
90	Pipe, 30 in. Dia. Ductile Iron Pressure Class 200, by Open Cut (all depths), including Excavation and Backfill.	142	LF	\$ 1,200.00	\$ 170,400.00	142	LF	\$ 1,035.00	\$ 146,970.00	142	LF	\$ 671.00	\$ 95,282.00
91	48-inch Dia. Min. Split Steel Casing by Open Cut on Existing 30 in. AWWA C303 Pipe, Complete In Place, including Installation Materials, Excavation, Backfill, and all appurtenant work.	81	LF	\$ 1,700.00	\$ 137,700.00	81	LF	\$ 950.00	\$ 76,950.00	81	LF	\$ 2,185.00	\$ 176,985.00
92	Pipe, 42 in. Dia. Ductile Iron Pressure Class 200 , by Open Cut (all depths), including Excavation and Backfill.	13792	LF	\$ 880.00	\$ 12,136,960.00	13792	LF	\$ 884.00	\$ 12,192,128.00	13792	LF	\$ 827.10	\$ 11,407,363.20
93	Pipe, 42 in. Dia. Ductile Iron Pressure Class 150 by Open Cut (all depths), including Excavation and Backfill.	32496	LF	\$ 920.00	\$ 29,896,320.00	32496	LF	\$ 884.00	\$ 28,726,464.00	32496	LF	\$ 837.10	\$ 27,202,401.60
94	42-inch Ductile Iron Pressure Class 200 Carrier Pipe and 60-inch Min. Dia. Steel Casing by Open Cut, and Installation Materials.	168	LF	\$ 2,050.00	\$ 344,400.00	168	LF	\$ 1,800.00	\$ 302,400.00	168	LF	\$ 2,385.00	\$ 400,680.00
95	42-inch Ductile Iron Pressure Class 150 Carrier Pipe and 60-inch Min. Dia. Steel Casing by Open Cut, and Installation Materials.	94	LF	\$ 1,940.00	\$ 182,360.00	94	LF	\$ 1,750.00	\$ 164,500.00	94	LF	\$ 2,520.00	\$ 236,880.00
96	42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 200 Carrier Pipe and 60-inch Dia. Min. Steel Casing by Open Cut, and Installation Materials.	22	LF	\$ 2,100.00	\$ 46,200.00	22	LF	\$ 4,150.00	\$ 91,300.00	22	LF	\$ 2,385.00	\$ 52,470.00
97	Pipe, 42 in. Dia. AWWA C200 Polyurethane Coated Steel Pressure Class 200 , by Open Cut (all depths), including Excavation and Backfill.	409	LF	\$ 1,100.00	\$ 449,900.00	409	LF	\$ 1,060.00	\$ 433,540.00	409	LF	\$ 905.10	\$ 370,185.90
98	Pipe, 42 in. Dia. AWWA C200 Polyurethane Coated Steel Pressure Class 150 by Open Cut (all depths), including Excavation and Backfill.	905	LF	\$ 740.00	\$ 669,700.00	905	LF	\$ 910.00	\$ 823,550.00	905	LF	\$ 905.10	\$ 819,115.50
99	Pig Launching Station - Ductile Iron	1	LS	\$ 1,300,000.00	\$ 1,300,000.00	1	LS	\$ 925,000.00	\$ 925,000.00	1	LS	\$ 657,200.00	\$ 657,200.00
	Add or Deduct (Package 3 Steel)												
100	Add or Deduct (Package 3 Steel)	1	LS	\$ (6,230,744.00)	\$ (6,230,744.00)	1	LS	\$ (700,000.00)	\$ (700,000.00)	1	LS	\$ -	\$ -
	H - Alternate Bid - Steel Pipe												
101	60-inch Dia. Min. Steel Casing by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 200 Carrier Pipe and Installation Materials (CapMetro RR ROW)	207	LF	\$ 3,600.00	\$ 745,200.00	207	LF	\$ 3,000.00	\$ 621,000.00	207	LF	\$ 3,440.00	\$ 712,080.00

102	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Loyola Lane)	133	LF	\$ 3,200.00	\$ 425,600.00	133	LF	\$ 3,000.00	\$ 399,000.00	133	LF	\$ 2,725.00	\$ 362,425.00
103	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Old Manor Road)	174	LF	\$ 3,100.00	\$ 539,400.00	174	LF	\$ 3,000.00	\$ 522,000.00	174	LF	\$ 3,540.00	\$ 615,960.00
104	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Hidden Creek Apartments South)	525	LF	\$ 3,000.00	\$ 1,575,000.00	525	LF	\$ 3,000.00	\$ 1,575,000.00	525	LF	\$ 3,200.00	\$ 1,680,000.00
105	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Hidden Creek Apartments North)	284	LF	\$ 3,100.00	\$ 880,400.00	284	LF	\$ 3,000.00	\$ 852,000.00	284	LF	\$ 3,365.00	\$ 955,660.00
106	60-inch Dia. Min. Steel Casing by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (US 290)	609	LF	\$ 3,000.00	\$ 1,827,000.00	609	LF	\$ 3,500.00	\$ 2,131,500.00	609	LF	\$ 3,170.00	\$ 1,930,530.00
107	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Unnamed Creek Crossing at STA 326+65)	83	LF	\$ 3,400.00	\$ 282,200.00	83	LF	\$ 8,500.00	\$ 705,500.00	83	LF	\$ 7,760.00	\$ 644,080.00
108	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Unnamed Creek Crossing at STA 363+80)	144	LF	\$ 3,200.00	\$ 460,800.00	144	LF	\$ 3,000.00	\$ 432,000.00	144	LF	\$ 5,665.00	\$ 815,760.00
109	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Blue Goose Road)	124	LF	\$ 3,200.00	\$ 396,800.00	124	LF	\$ 3,000.00	\$ 372,000.00	124	LF	\$ 3,620.00	\$ 448,880.00
110	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Cameron Road)	101	LF	\$ 3,300.00	\$ 333,300.00	101	LF	\$ 3,700.00	\$ 373,700.00	101	LF	\$ 3,830.00	\$ 386,830.00
111	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (E. Parmer Lane/FM 734)	265	LF	\$ 3,100.00	\$ 821,500.00	265	LF	\$ 3,000.00	\$ 795,000.00	265	LF	\$ 3,405.00	\$ 902,325.00
112	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 200 Carrier Pipe and Installation Materials (All Other Trenchless Crossings)	354	LF	\$ 3,400.00	\$ 1,203,600.00	354	LF	\$ 3,800.00	\$ 1,345,200.00	354	LF	\$ 3,645.00	\$ 1,290,330.00
113	60-inch Dia. Min. Steel Casing by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (All Other Trenchless Crossings)	145	LF	\$ 3,500.00	\$ 507,500.00	145	LF	\$ 3,800.00	\$ 551,000.00	145	LF	\$ 3,775.00	\$ 547,375.00
114	60-inch Dia. Min. Steel Casing by Microtunnel, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 200 Carrier Pipe and Installation Materials (Boggy Creek)	113	LF	\$ 16,000.00	\$ 1,808,000.00	113	LF	\$ 14,000.00	\$ 1,582,000.00	113	LF	\$ 7,190.00	\$ 812,470.00
115	60-inch Dia. Min. Steel Casing by Microtunnel, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 200 Carrier Pipe and Installation Materials (MLK/FM 969)	198	LF	\$ 14,000.00	\$ 2,772,000.00	198	LF	\$ 7,000.00	\$ 1,386,000.00	198	LF	\$ 6,110.00	\$ 1,209,780.00
116	60-inch Dia. Min. Steel Casing by Microtunnel, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 200 Carrier Pipe and Installation Materials (Walnut Creek)	228	LF	\$ 12,000.00	\$ 2,736,000.00	228	LF	\$ 11,000.00	\$ 2,508,000.00	228	LF	\$ 6,700.00	\$ 1,527,600.00
117	60-inch Dia. Min. Steel Casing by Microtunnel, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Harris Branch Crossing)	149	LF	\$ 15,000.00	\$ 2,235,000.00	149	LF	\$ 14,000.00	\$ 2,086,000.00	149	LF	\$ 8,675.00	\$ 1,292,575.00
118	Remove existing 30" AWWA C303 90-deg bend and replace with 30" x 30" AWWA C200 Polyurethane Coated Steel Pressure Class 200 Tee, Complete in Place, including all appurtenant work	1	EA	\$ 66,000.00	\$ 66,000.00	1	EA	\$ 57,000.00	\$ 57,000.00	1	EA	\$ 92,000.00	\$ 92,000.00
119	Pipe, 30 in. Dia. AWWA C200 Polyurethane Coated Steel Pressure Class 200, by Open Cut (all depths), including Excavation and Backfill.	142	LF	\$ 1,200.00	\$ 170,400.00	142	LF	\$ 1,000.00	\$ 142,000.00	142	LF	\$ 1,453.00	\$ 206,326.00

120	Install 48-inch Dia. Min. Split Steel Casing by Open Cut on Existing 30 in. AWWA C303 Pipe, Complete In Place, including Installation Materials, Excavation, Backfill, and all appurtenant work.	81	LF	\$ 1,800.00	\$ 145,800.00	81	LF	\$ 1,000.00	\$ 81,000.00	81	LF	\$ 2,185.00	\$ 176,985.00	
121	42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 200 Carrier Pipe and 60-inch Min. Dia. Steel Casing by Open Cut, and Installation Materials.	190	LF	\$ 1,800.00	\$ 342,000.00	190	LF	\$ 1,900.00	\$ 361,000.00	190	LF	\$ 1,890.00	\$ 359,100.00	
122	42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and 60-inch Min. Dia. Steel Casing by Open Cut, and Installation Materials.	94	LF	\$ 1,800.00	\$ 169,200.00	94	LF	\$ 1,500.00	\$ 141,000.00	94	LF	\$ 1,890.00	\$ 177,660.00	
123	Pipe, 42 in. Dia. AWWA C200 Polyurethane Coated Steel Pressure Class 200 , by Open Cut (all depths), including Excavation and Backfill.	14201	LF	\$ 668.00	\$ 9,486,268.00	14201	LF	\$ 501.00	\$ 7,114,701.00	14201	LF	\$ 535.10	\$ 7,598,955.10	
124	Pipe, 42 in. Dia. AWWA C200 Polyurethane Coated Steel Pressure Class 150 by Open Cut (all depths), including Excavation and Backfill.	33401	LF	\$ 670.00	\$ 22,378,670.00	33401	LF	\$ 501.00	\$ 16,733,901.00	33401	LF	\$ 535.10	\$ 17,872,875.10	
125	Pig Launching Station - C200 Steel Pipe	1	LS	\$ 650,000.00	\$ 650,000.00	1	LS	\$ 623,000.00	\$ 623,000.00	1	LS	\$ 657,200.00	\$ 657,200.00	
CONSTRUCTION BASE PRICE PROPOSAL TOTAL														
126	Bonds													
127	Taxes (non-permanent material)													
128	Base Bid 8-28 Sum				\$10,485,946.00				\$12,686,368.00				\$13,389,646.15	
129	Base Bid - DI Pipe With Steel Pipe Crossings Sum				\$64,977,940.00				\$63,338,902.00				\$58,761,893.20	
Section 2 - Alternatives & Value Engineering														
Alt	Description	Quantity	U/M	Unit Price	Total	Quantity	U/M	Unit Price	Total	Quantity	U/M	Unit Price	Total	
1	Alt Bid - Steel Pipe - 7 - 29	1	LS		\$ 46,726,894.00	1	LS		\$ 42,790,502.00	1	LS		\$ 43,275,761.20	
2	A/D Pkg 2 & 3 DI	1	LS		\$ -	1	LS		\$ -	1	LS		\$ -	
3	A/D Pkg 2 & 3 Steel	1	LS		\$ -	1	LS		\$ -	1	LS		\$ -	
4	A/D Pkg 3 & 4 DI	1	LS		\$ -	1	LS		\$ -	1	LS		\$ (500,000.00)	
5	A/D Pkg 3 & 4 Steel	1	LS		\$ (500,000.00)	1	LS		\$ -	1	LS		\$ (500,000.00)	
6	A/D Pkg 2, 3 & 4 DI	1	LS		\$ -	1	LS		\$ -	1	LS		\$ -	
7	A/D Pkg 2,3 & 4 Steel	1	LS		\$ -	1	LS		\$ -	1	LS		\$ -	
TOTAL BASE BID (DUCTILE IRON, NO DEDUCTIONS)					\$75,463,886.00	\$76,025,270.00					\$72,151,539.35			
TOTAL ALT BID (STEEL PIPE, NO DEDUCTIONS)					\$57,212,840.00	\$55,476,870.00					\$56,665,407.35			

	Bid Proposal Package - SCR RWL - Package 3			Offeror 4			Offeror 5			
	Offeror Name	BELT Construction			Harper Brothers					
Section 1 - Direct Costs										
Base	Description	Quantity	U/M	Unit Price	Total	Quantity	U/M	Unit Price	Total	
	C - Earthwork and Roadways									
1	Mobilization (4%)	1	LS	\$ 2,000,000.00	\$ 2,000,000.00	1	LS	\$ 2,800,000.00	\$ 2,800,000.00	
2	Construction Staking	1	LS	\$ 78,000.00	\$ 78,000.00	1	LS	\$ 159,000.00	\$ 159,000.00	
3	Construction Survey	1	LS	\$ 78,000.00	\$ 78,000.00	1	LS	\$ 79,500.00	\$ 79,500.00	
4	Preparing ROW	117	AC	\$ 28,000.00	\$ 3,276,000.00	117	AC	\$ 15,000.00	\$ 1,755,000.00	
5	Flexible Base, 8"	2465	SY	\$ 36.00	\$ 88,740.00	2465	SY	\$ 25.00	\$ 61,625.00	
6	Reconstruct Typical Concrete Urban Trail	387	SY	\$ 138.00	\$ 53,406.00	387	SY	\$ 250.00	\$ 96,750.00	
7	Reconstruct Concrete Sidewalks to 6 inch thickness, including removal of existing sidewalk	998	SY	\$ 168.00	\$ 167,664.00	998	SY	\$ 130.00	\$ 129,740.00	
8	Traffic Control	18	MO	\$ 2,000.00	\$ 36,000.00	18	MO	\$ 18,000.00	\$ 324,000.00	
9	Channel Crossing Protection	1815	SY	\$ 400.00	\$ 726,000.00	1815	SY	\$ 560.00	\$ 1,016,400.00	
	D - Walnut Creek Bank Stabilization									
10	Preparing ROW	0.25	AC	\$ 20,000.00	\$ 5,000.00	0.25	AC	\$ 25,000.00	\$ 6,250.00	
11	Precast Modular Block Retaining Wall	70	SY	\$ 2,100.00	\$ 147,000.00	70	SY	\$ 760.00	\$ 53,200.00	
12	Pipe Underdrains 3 In.	200	LF	\$ 20.00	\$ 4,000.00	200	LF	\$ 400.00	\$ 80,000.00	
13	Dry Rock Riprap Class V	210	CY	\$ 270.00	\$ 56,700.00	210	CY	\$ 160.00	\$ 33,600.00	
14	Vegetated Soil-Rock Riprap Class III	170	CY	\$ 140.00	\$ 23,800.00	170	CY	\$ 250.00	\$ 42,500.00	
15	Vegetated Soil-Rock Riprap Class V	110	CY	\$ 140.00	\$ 15,400.00	110	CY	\$ 280.00	\$ 30,800.00	
16	Soil Retention Blanket, Class 1; Type A	270	SY	\$ 10.00	\$ 2,700.00	270	SY	\$ 50.00	\$ 13,500.00	
17	Geogrid, Foundation	100	SY	\$ 60.00	\$ 6,000.00	100	SY	\$ 70.00	\$ 7,000.00	
18	Planting Type: Rooting Plant, Bare Root Stock 2-0, Pecan	27	EA	\$ 60.00	\$ 1,620.00	27	EA	\$ 25.00	\$ 675.00	
19	Planting Type: Rooting Plant, Bare Root Stock 2-0, Sugar Berry	30	EA	\$ 80.00	\$ 2,400.00	30	EA	\$ 25.00	\$ 750.00	
20	Planting Type: Rooting Plant, Bare Root Stock 2-0, American Sycamore	25	EA	\$ 60.00	\$ 1,500.00	25	EA	\$ 25.00	\$ 625.00	
21	Planting Type: Rooting Plant, Bare Root Stock 2-0, Roughleaf Dogwood	21	EA	\$ 220.00	\$ 4,620.00	21	EA	\$ 25.00	\$ 525.00	
22	Planting Type: Rooting Plant, Bare Root Stock 2-0, Black Willow	21	EA	\$ 60.00	\$ 1,260.00	21	EA	\$ 25.00	\$ 525.00	
23	Planting Type: Rooting Plant, Bare Root Stock 2-0, American Elm	25	EA	\$ 60.00	\$ 1,500.00	25	EA	\$ 25.00	\$ 625.00	
24	Planting Type: Rooting Plant, Bare Root Stock 2-0, Common Persimmon	21	EA	\$ 60.00	\$ 1,260.00	21	EA	\$ 25.00	\$ 525.00	
25	Topsoil and Seedbed Preparation	150	SY	\$ 10.00	\$ 1,500.00	150	SY	\$ 25.00	\$ 3,750.00	
26	Filter Fabric	180	SY	\$ 10.00	\$ 1,800.00	180	SY	\$ 5.00	\$ 900.00	
27	Native Seeding - Herbaceous Seed Mix, Hydraulic Planting Per Square Yard	250	SY	\$ 5.00	\$ 1,250.00	250	SY	\$ 5.00	\$ 1,250.00	
28	Live Stake	220	EA	\$ 30.00	\$ 6,600.00	220	EA	\$ 75.00	\$ 16,500.00	
29	Special Shoring	1300	SF	\$ 150.00	\$ 195,000.00	1300	SF	\$ 45.00	\$ 58,500.00	
30	Extended Tree Maintenance	18	MO	\$ 1,500.00	\$ 27,000.00	18	MO	\$ 2,500.00	\$ 45,000.00	
31	Coir Wrapped Top Soil	160	LF	\$ 250.00	\$ 40,000.00	160	LF	\$ 150.00	\$ 24,000.00	
	E - Environmental and Fencing									
32	Rock Berm	540	LF	\$ 75.00	\$ 40,500.00	540	LF	\$ 45.00	\$ 24,300.00	
33	Soil Retention Blanket (Class 1 Type A)	1635	SY	\$ 10.00	\$ 16,350.00	1635	SY	\$ 3.90	\$ 6,376.50	
34	Topsoil and Seedbed Preparation	117	AC	\$ 2,000.00	\$ 234,000.00	117	AC	\$ 750.00	\$ 87,750.00	
35	Native Seeding for Erosion Control Method, Hydraulic Planting	117	AC	\$ 4,000.00	\$ 468,000.00	117	AC	\$ 5,000.00	\$ 585,000.00	
36	Protective Fencing Type A Chain Link fence (Typical Application-high damage potential)	7445	LF	\$ 8.00	\$ 59,560.00	7445	LF	\$ 4.85	\$ 36,108.25	
37	Stabilized Construction Entrance	13	EA	\$ 2,500.00	\$ 32,500.00	13	EA	\$ 1,850.00	\$ 24,050.00	
38	Silt Fence for Erosion Control	104770	LF	\$ 2.00	\$ 209,540.00	104770	LF	\$ 2.55	\$ 267,163.50	
39	Mulch Sock	35584	LF	\$ 5.00	\$ 177,920.00	35584	LF	\$ 7.50	\$ 266,880.00	

40	Prepare and Implement Storm Water Pollution Prevention Plan (SWPPP)	1	LS	\$ 2,500.00	\$ 2,500.00	1	LS	\$ 6,381.00	\$ 6,381.00
41	Chain Link Fence	640	LF	\$ 45.00	\$ 28,800.00	640	LF	\$ 25.00	\$ 16,000.00
42	Barbed Wire Fence	9466	LF	\$ 8.00	\$ 75,728.00	9466	LF	\$ 15.00	\$ 141,990.00
43	Apartment Fence	585	LF	\$ 30.00	\$ 17,550.00	585	LF	\$ 75.00	\$ 43,875.00
44	Metal Pipe Fence	210	LF	\$ 77.00	\$ 16,170.00	210	LF	\$ 125.00	\$ 26,250.00
45	Steel Pipe Vehicular Swing Gate, 16 Ft. x 5 Ft.	19	EA	\$ 8,300.00	\$ 157,700.00	19	EA	\$ 2,500.00	\$ 47,500.00
F - Pipeline Appurtenances									
46	Valves, Gate Valve Type, 42 in. Dia.	10	EA	\$ 130,000.00	\$ 1,300,000.00	10	EA	\$ 135,000.00	\$ 1,350,000.00
47	Blowoff Valve Assemblies - Type A	16	EA	\$ 25,000.00	\$ 400,000.00	16	EA	\$ 35,000.00	\$ 560,000.00
48	Blowoff Valve Assemblies - Type B	7	EA	\$ 33,000.00	\$ 231,000.00	7	EA	\$ 52,700.00	\$ 368,900.00
49	Automatic Combination Air/Vacuum Release Valve Assembly, 4" Diameter	27	EA	\$ 76,000.00	\$ 2,052,000.00	27	EA	\$ 120,000.00	\$ 3,240,000.00
50	Automatic Combination Air/Vacuum Release Valve Assembly, 6" Diameter	4	EA	\$ 91,000.00	\$ 364,000.00	4	EA	\$ 130,000.00	\$ 520,000.00
51	Automatic Combination Air/Vacuum Release Valve Assembly, 8" Diameter	1	EA	\$ 100,000.00	\$ 100,000.00	1	EA	\$ 140,000.00	\$ 140,000.00
52	Connect to Existing 42" Pipeline - Package 2	1	EA	\$ 150,000.00	\$ 150,000.00	1	EA	\$ 50,000.00	\$ 50,000.00
53	Connect to Existing 42" Pipeline - Package 4	1	EA	\$ 71,000.00	\$ 71,000.00	1	EA	\$ 50,000.00	\$ 50,000.00
54	Trench Excavation Safety Protective Systems (all depths)	48015	LF	\$ 1.00	\$ 48,015.00	48015	LF	\$ 5.00	\$ 240,075.00
55	Impressed Current Cathodic Protection Rectifier	3	EA	\$ 23,000.00	\$ 69,000.00	3	EA	\$ 22,000.00	\$ 66,000.00
56	Test Stations w/ Concrete Boxes & Installation	75	EA	\$ 3,200.00	\$ 240,000.00	75	EA	\$ 2,500.00	\$ 187,500.00
57	Impressed Current Anodes	30	EA	\$ 3,800.00	\$ 114,000.00	30	EA	\$ 570.00	\$ 17,100.00
58	8# AWG HMWPE (Pipe Test Lead)	4300	LF	\$ 7.00	\$ 30,100.00	4300	LF	\$ 4.00	\$ 17,200.00
59	8# AWG IJTS (Pipe Test Lead)	300	LF	\$ 7.00	\$ 2,100.00	300	LF	\$ 4.00	\$ 1,200.00
60	Continuity Testing of Existing C303 Pipeline	1	LS	\$ 30,000.00	\$ 30,000.00	1	LS	\$ 1,000.00	\$ 1,000.00
61	Exothermic Welds, Handy Caps, Primer, and Petrolatum tape	1	LS	\$ 10,000.00	\$ 10,000.00	1	LS	\$ 260,000.00	\$ 260,000.00
62	Cathodic Protection Rectifier - Installation, QA Testing, and Training	3	EA	\$ 17,000.00	\$ 51,000.00	3	EA	\$ 20,000.00	\$ 60,000.00
I - Allowance									
63	Remobilization for installation of 60-inch Dia. Min. Steel Casing by Trenchless Construction, with 42-inch Carrier Pipe and Installation Materials (Cap Metro RR ROW) due to delayed crossing permit with authorization by the City of Pflugerville.	1	LS	\$ 40,000.00	\$ 40,000.00	1	LS	\$ 40,000.00	\$ 40,000.00
64	Remobilization for construction on Parcel 6b and installation of 60-inch Dia. Min. Steel Casing by Trenchless Construction, with 42 inch Carrier Pipe and Installation Materials (FM 969) due to delayed acquisition of easements on Parcel 6b with authorization by the City of Pflugerville..	1	LS	\$ 40,000.00	\$ 40,000.00	1	LS	\$ 40,000.00	\$ 40,000.00
65	Remobilization for installation of 60-inch Dia. Min. Steel Casing by Trenchless Construction, with 42-inch Carrier Pipe and Installation Materials (US 290) due to delayed acquisition of easement on Parcel 22 with authorization by the City of Pflugerville.	1	LS	\$ 40,000.00	\$ 40,000.00	1	LS	\$ 40,000.00	\$ 40,000.00
66	Joint Bonding Existing C303 Pipeline - 0 to 10 feet of cover	20	EA	\$ 4,000.00	\$ 80,000.00	20	EA	\$ 180.00	\$ 3,600.00
67	Joint Bonding Existing C303 Pipeline - Greater than 10 feet of cover	20	EA	\$ 5,000.00	\$ 100,000.00	20	EA	\$ 180.00	\$ 3,600.00
68	Test Stations W/ Concrete Boxes & Installation - Existing C303 Pipeline	40	EA	\$ 3,300.00	\$ 132,000.00	40	EA	\$ 900.00	\$ 36,000.00
69	City of Austin Traffic Control Plan (TCP) Review Fees	1	LS	\$ 2,000.00	\$ 2,000.00	1	LS	\$ 2,000.00	\$ 2,000.00
70	Flagger(s) and Observer(s) for duration of trenchless construction within CapMetro Railroad ROW.	1	LS	\$ 100,000.00	\$ 100,000.00	1	LS	\$ 100,000.00	\$ 100,000.00
Add or Deduct (Package 3 DI)									
71	Add or Deduct (Package 3 DI)	1	LS	\$ (1,724,593.00)	\$ (1,724,593.00)	1	LS	\$ -	\$ -
G - Base Bid - Ductile Iron Pipe with Steel Pipe Crossings									

72	60-inch Dia. Min. Steel Casing by Trenchless Construction, with 42-inch Ductile Iron Pressure Class 200 Carrier Pipe and Installation Materials (Cap Metro RR ROW)	207	LF	\$ 3,200.00	\$ 662,400.00	207	LF	\$ 4,500.00	\$ 931,500.00
73	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch Ductile Iron Pressure Class 150 Carrier Pipe and Installation Materials (Loyola Lane)	133	LF	\$ 3,300.00	\$ 438,900.00	133	LF	\$ 4,700.00	\$ 625,100.00
74	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch Ductile Iron Pressure Class 150 Carrier Pipe and Installation Materials (Old Manor Road)	174	LF	\$ 3,200.00	\$ 556,800.00	174	LF	\$ 4,500.00	\$ 783,000.00
75	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Hidden Creek Apartments South)	525	LF	\$ 3,100.00	\$ 1,627,500.00	525	LF	\$ 4,200.00	\$ 2,205,000.00
76	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Hidden Creek Apartments North)	284	LF	\$ 3,100.00	\$ 880,400.00	284	LF	\$ 4,200.00	\$ 1,192,800.00
77	60-inch Dia. Min. Steel Casing by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (US 290)	609	LF	\$ 3,100.00	\$ 1,887,900.00	609	LF	\$ 4,300.00	\$ 2,618,700.00
78	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Unnamed Creek Crossing at STA 326+65)	83	LF	\$ 7,400.00	\$ 614,200.00	83	LF	\$ 6,200.00	\$ 514,600.00
79	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch Ductile Iron Pressure Class 150 Carrier Pipe and Installation Materials (Unnamed Creek Crossing at STA 363+80)	144	LF	\$ 5,500.00	\$ 792,000.00	144	LF	\$ 5,200.00	\$ 748,800.00
80	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch Ductile Iron Pressure Class 150 Carrier Pipe and Installation Materials (Blue Goose Road)	124	LF	\$ 3,000.00	\$ 372,000.00	124	LF	\$ 4,800.00	\$ 595,200.00
81	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Cameron Road)	101	LF	\$ 3,400.00	\$ 343,400.00	101	LF	\$ 6,500.00	\$ 656,500.00
82	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch Ductile Iron Pressure Class 150 Carrier Pipe and Installation Materials (E. Parmer Lane/FM 734)	265	LF	\$ 3,100.00	\$ 821,500.00	265	LF	\$ 4,500.00	\$ 1,192,500.00
83	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch Ductile Iron Pressure Class 200 Carrier Pipe and Installation Materials (All Other Trenchless Crossings)	354	LF	\$ 3,300.00	\$ 1,168,200.00	354	LF	\$ 5,200.00	\$ 1,840,800.00
84	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch Ductile Iron Pressure Class 150 Carrier Pipe and Installation Materials (All Other Trenchless Crossings)	145	LF	\$ 3,300.00	\$ 478,500.00	145	LF	\$ 5,200.00	\$ 754,000.00
85	60-inch Dia. Min. Steel Casing by Microtunnel, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 200 Carrier Pipe and Installation Materials (Boggy Creek)	113	LF	\$ 10,400.00	\$ 1,175,200.00	113	LF	\$ 16,250.00	\$ 1,836,250.00
86	60-inch Dia. Min. Steel Casing by Microtunnel, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 200 Carrier Pipe and Installation Materials (MLK/FM 969)	198	LF	\$ 9,200.00	\$ 1,821,600.00	198	LF	\$ 10,500.00	\$ 2,079,000.00
87	60-inch Dia. Steel Casing by Microtunnel, with 42-inch Ductile Iron Pressure Class 200 Carrier Pipe and Installation Materials (Walnut Creek)	228	LF	\$ 9,000.00	\$ 2,052,000.00	228	LF	\$ 11,500.00	\$ 2,622,000.00

88	60-inch Dia. Steel Casing by Microtunnel, with 42-inch Ductile Iron Pressure Class 150 Carrier Pipe and Installation Materials (Harris Branch Crossing)	149	LF	\$ 9,800.00	\$ 1,460,200.00	149	LF	\$ 18,900.00	\$ 2,816,100.00
89	Remove existing 30" AWWA C303 90-deg bend and replace with 30" x 30" DIP Pressure Class 200 Tee, Complete in Place, including all appurtenant work	1	EA	\$ 87,000.00	\$ 87,000.00	1	EA	\$ 200,000.00	\$ 200,000.00
90	Pipe, 30 in. Dia. Ductile Iron Pressure Class 200, by Open Cut (all depths), including Excavation and Backfill.	142	LF	\$ 850.00	\$ 120,700.00	142	LF	\$ 1,300.00	\$ 184,600.00
91	48-inch Dia. Min. Split Steel Casing by Open Cut on Existing 30 in. AWWA C303 Pipe, Complete In Place, including Installation Materials, Excavation, Backfill, and all appurtenant work.	81	LF	\$ 2,000.00	\$ 162,000.00	81	LF	\$ 2,000.00	\$ 162,000.00
92	Pipe, 42 in. Dia. Ductile Iron Pressure Class 200 , by Open Cut (all depths), including Excavation and Backfill.	13792	LF	\$ 870.00	\$ 11,999,040.00	13792	LF	\$ 1,087.00	\$ 14,991,904.00
93	Pipe, 42 in. Dia. Ductile Iron Pressure Class 150 by Open Cut (all depths), including Excavation and Backfill.	32496	LF	\$ 745.00	\$ 24,209,520.00	32496	LF	\$ 1,061.00	\$ 34,478,256.00
94	42-inch Ductile Iron Pressure Class 200 Carrier Pipe and 60-inch Min. Dia. Steel Casing by Open Cut, and Installation Materials.	168	LF	\$ 1,700.00	\$ 285,600.00	168	LF	\$ 1,900.00	\$ 319,200.00
95	42-inch Ductile Iron Pressure Class 150 Carrier Pipe and 60-inch Min. Dia. Steel Casing by Open Cut, and Installation Materials.	94	LF	\$ 1,500.00	\$ 141,000.00	94	LF	\$ 2,100.00	\$ 197,400.00
96	42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 200 Carrier Pipe and 60-inch Dia. Min. Steel Casing by Open Cut, and Installation Materials.	22	LF	\$ 1,800.00	\$ 39,600.00	22	LF	\$ 2,600.00	\$ 57,200.00
97	Pipe, 42 in. Dia. AWWA C200 Polyurethane Coated Steel Pressure Class 200 , by Open Cut (all depths), including Excavation and Backfill.	409	LF	\$ 1,000.00	\$ 409,000.00	409	LF	\$ 1,800.00	\$ 736,200.00
98	Pipe, 42 in. Dia. AWWA C200 Polyurethane Coated Steel Pressure Class 150 by Open Cut (all depths), including Excavation and Backfill.	905	LF	\$ 700.00	\$ 633,500.00	905	LF	\$ 1,700.00	\$ 1,538,500.00
99	Pig Launching Station - Ductile Iron	1	LS	\$ 990,000.00	\$ 990,000.00	1	LS	\$ 1,000,000.00	\$ 1,000,000.00
	Add or Deduct (Package 3 Steel)								
100	Add or Deduct (Package 3 Steel)	1	LS	\$ (18,713,377.00)	\$ (18,713,377.00)	1	LS	\$ -	\$ -
	H - Alternate Bid - Steel Pipe								
101	60-inch Dia. Min. Steel Casing by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 200 Carrier Pipe and Installation Materials (CapMetro RR ROW)	207	LF	\$ 3,200.00	\$ 662,400.00	207	LF	\$ 4,600.00	\$ 952,200.00
102	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Loyola Lane)	133	LF	\$ 3,300.00	\$ 438,900.00	133	LF	\$ 5,100.00	\$ 678,300.00
103	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Old Manor Road)	174	LF	\$ 3,200.00	\$ 556,800.00	174	LF	\$ 5,000.00	\$ 870,000.00
104	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Hidden Creek Apartments South)	525	LF	\$ 3,100.00	\$ 1,627,500.00	525	LF	\$ 4,500.00	\$ 2,362,500.00
105	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Hidden Creek Apartments North)	284	LF	\$ 3,100.00	\$ 880,400.00	284	LF	\$ 4,500.00	\$ 1,278,000.00

106	60-inch Dia. Min. Steel Casing by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (US 290)	609	LF	\$ 3,100.00	\$ 1,887,900.00	609	LF	\$ 4,600.00	\$ 2,801,400.00
107	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Unnamed Creek Crossing at STA 326+65)	83	LF	\$ 7,400.00	\$ 614,200.00	83	LF	\$ 6,500.00	\$ 539,500.00
108	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Unnamed Creek Crossing at STA 363+80)	144	LF	\$ 5,500.00	\$ 792,000.00	144	LF	\$ 5,500.00	\$ 792,000.00
109	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Blue Goose Road)	124	LF	\$ 3,000.00	\$ 372,000.00	124	LF	\$ 5,500.00	\$ 682,000.00
110	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Cameron Road)	101	LF	\$ 3,400.00	\$ 343,400.00	101	LF	\$ 7,000.00	\$ 707,000.00
111	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (E. Parmer Lane/FM 734)	265	LF	\$ 3,100.00	\$ 821,500.00	265	LF	\$ 5,000.00	\$ 1,325,000.00
112	60-inch Dia. Min. Steel Casing or Liner Plate by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 200 Carrier Pipe and Installation Materials (All Other Trenchless Crossings)	354	LF	\$ 3,300.00	\$ 1,168,200.00	354	LF	\$ 5,500.00	\$ 1,947,000.00
113	60-inch Dia. Min. Steel Casing by Trenchless Construction, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (All Other Trenchless Crossings)	145	LF	\$ 3,300.00	\$ 478,500.00	145	LF	\$ 5,500.00	\$ 797,500.00
114	60-inch Dia. Min. Steel Casing by Microtunnel, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 200 Carrier Pipe and Installation Materials (Boggy Creek)	113	LF	\$ 10,400.00	\$ 1,175,200.00	113	LF	\$ 17,000.00	\$ 1,921,000.00
115	60-inch Dia. Min. Steel Casing by Microtunnel, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 200 Carrier Pipe and Installation Materials (MLK/FM 969)	198	LF	\$ 9,200.00	\$ 1,821,600.00	198	LF	\$ 11,000.00	\$ 2,178,000.00
116	60-inch Dia. Min. Steel Casing by Microtunnel, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 200 Carrier Pipe and Installation Materials (Walnut Creek)	228	LF	\$ 9,000.00	\$ 2,052,000.00	228	LF	\$ 15,000.00	\$ 3,420,000.00
117	60-inch Dia. Min. Steel Casing by Microtunnel, with 42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and Installation Materials (Harris Branch Crossing)	149	LF	\$ 9,800.00	\$ 1,460,200.00	149	LF	\$ 19,500.00	\$ 2,905,500.00
118	Remove existing 30" AWWA C303 90-deg bend and replace with 30" x 30" AWWA C200 Polyurethane Coated Steel Pressure Class 200 Tee, Complete in Place, including all appurtenant work	1	EA	\$ 87,000.00	\$ 87,000.00	1	EA	\$ 130,000.00	\$ 130,000.00
119	Pipe, 30 in. Dia. AWWA C200 Polyurethane Coated Steel Pressure Class 200, by Open Cut (all depths), including Excavation and Backfill.	142	LF	\$ 850.00	\$ 120,700.00	142	LF	\$ 2,500.00	\$ 355,000.00
120	Install 48-inch Dia. Min. Split Steel Casing by Open Cut on Existing 30 in. AWWA C303 Pipe, Complete In Place, including Installation Materials, Excavation, Backfill, and all appurtenant work.	81	LF	\$ 2,000.00	\$ 162,000.00	81	LF	\$ 3,000.00	\$ 243,000.00

121	42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 200 Carrier Pipe and 60-inch Min. Dia. Steel Casing by Open Cut, and Installation Materials.	190	LF	\$ 1,700.00	\$ 323,000.00	190	LF	\$ 2,500.00	\$ 475,000.00
122	42-inch AWWA C200 Polyurethane Coated Steel Pressure Class 150 Carrier Pipe and 60-inch Min. Dia. Steel Casing by Open Cut, and Installation Materials.	94	LF	\$ 1,500.00	\$ 141,000.00	94	LF	\$ 2,500.00	\$ 235,000.00
123	Pipe, 42 in. Dia. AWWA C200 Polyurethane Coated Steel Pressure Class 200 , by Open Cut (all depths), including Excavation and Backfill.	14201	LF	\$ 871.00	\$ 12,369,071.00	14201	LF	\$ 550.00	\$ 7,810,550.00
124	Pipe, 42 in. Dia. AWWA C200 Polyurethane Coated Steel Pressure Class 150 by Open Cut (all depths), including Excavation and Backfill.	33401	LF	\$ 745.00	\$ 24,883,745.00	33401	LF	\$ 550.00	\$ 18,370,550.00
125	Pig Launching Station - C200 Steel Pipe	1	LS	\$ 990,444.00	\$ 990,444.00	1	LS	\$ 1,200,000.00	\$ 1,200,000.00
CONSTRUCTION BASE PRICE PROPOSAL TOTAL									
126	Bonds								
127	Taxes (non-permanent material)								
128	Base Bid 8-28 Sum				\$14,384,753.00				\$15,816,814.25
129	Base Bid - DI Pipe With Steel Pipe Crossings Sum				\$54,505,067.00				\$77,877,110.00
Section 2 - Alternatives & Value Engineering									
Alt	Description	Quantity	U/M	Unit Price	Total	Quantity	U/M	Unit Price	Total
1	Alt Bid - Steel Pipe - 7 - 29	1	LS		\$ 37,516,283.00	1	LS		\$ 54,976,000.00
2	A/D Pkg 2 & 3 DI	1	LS		\$ -	1	LS		\$ -
3	A/D Pkg 2 & 3 Steel	1	LS		\$ -	1	LS		\$ -
4	A/D Pkg 3 & 4 DI	1	LS		\$ -	1	LS		\$ -
5	A/D Pkg 3 & 4 Steel	1	LS		\$ -	1	LS		\$ -
6	A/D Pkg 2, 3 & 4 DI	1	LS		\$ -	1	LS		\$ -
7	A/D Pkg 2,3 & 4 Steel	1	LS		\$ -	1	LS		\$ -
TOTAL BASE BID (DUCTILE IRON, NO DEDUCTIONS)					\$68,889,820.00				
TOTAL ALT BID (STEEL PIPE, NO DEDUCTIONS)					\$51,901,036.00				
						\$93,693,924.25			
						\$70,792,814.25			