



Job No.: 33760.B9.03

TRANSMITTED VIA EMAIL

September 26, 2019

Mr. Jeff Edmonds, P.E
Director of Engineering Services
City of Corpus Christi
P.O. Box 9277
Corpus Christi, Texas 78469

Re: City Wide Water Distribution System IDIQ Program (Year 1) 19037A

Dear Jeff,

We have reviewed the three (3) bids opened on September 11, 2019 for the above subject project and offer the following comments. The bids ranged from a low bid of \$4,492,350 to a high bid of \$6,015,150, with CPC Interests, LLC dba Clark Pipeline Services being the low bidder. Please find enclosed a copy of the *Tabulation of Bids*, summarizing the proposed bids from each of the three (3) bidders.

I. Analysis of Engineer's Estimate and Low Bid:

ENGINEER'S ESTIMATE	LOW BID	DIFFERENCE
\$5,000,098	\$4,492,350	\$507,748 (11%)

In general, the main reason for the difference between the engineer's estimate and the low bid is that our estimate of the unit costs was higher on a lot of the bid items. In general the contractor was higher than our estimated unit prices on:

- Extra Depth for Waterline Removal, Installation
- Installation of 16 and 24" Waterline
- Installation of Waterline by HDD
- Furnish and Install Tee, Crosses and Reducers various sizes
- Furnish and Install 24" Gate Valves and Fittings
- Furnish and Install Tapping Sleeve and Valve
- Extra Depth of Trench Safety
- Furnish and Install Steel Casing with Carrier Pipe
- Traffic Control
- Preconstruction Excavation
- Furnish and Install Transition Couplings

II. Bid Package:

We have reviewed the information submitted by CPC Interests, LLC dba Clark Pipeline Services to satisfy Section 00 45 16 (see attached) of the Contract Documents and note the following:

- Based on our conversation with Chris Clark of CPC Interests, LLC dba Clark Pipeline Services, it appears that the contractor understands the major components of the work and the products that we have specified to be used in the project.
- CPC Interests, LLC dba Clark Pipeline Services has completed the City's 2015 IDIQ program and are in the process of wrapping up the 2017 IDIQ program. They understand the IDIQ process and will have a crew dedicated to the 2019/20 program. They also understand that they are to be ready to mobilize a crew to undertake emergency work as noted in the Contract Documents.
- CPC Interests, LLC dba Clark Pipeline Services have listed the following subcontractors, Thomas Tise, Horseshoe Construction, Highway Barricades, and Boring and tunneling Co. These subcontractor will perform the following work for CPC Interests, LLC dba Clark Pipeline Services:
 - Thomas Tise – This subcontractor will work with CPC crews and will be responsible for drilling water crossings, large diameter installations longer pull lengths.
 - Horseshoe Construction – This subcontractor will be responsible for installing pipe by pipe bursting.
 - Highway Barricades – Will supply traffic control devices for the project.
 - Boring and Tunneling Co. - This subcontractor will work with CPC crews and will be responsible for difficult road crossings.
- CPC Interests, LLC dba Clark Pipeline Services will provide project management, coordination and back up services to these subcontractors. They will also be installing the proposed pipe lines and appurtenances by conventional trenching methods.

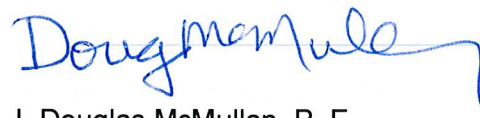
Urban Engineering has had a favorable experience working with CPC Interests, LLC dba Clark Pipeline Services on the following City projects, 2015 City Wide Water Distribution System R & R IDIQ (#8610), Phase 2 of the Padre Island Water and Gas Pipeline Extension (#E10172), and 2017 City Wide Water Distribution System R & R IDIQ (E16294 and 18094A).

III. Recommendation:

Based on the information presented above it is the recommendation of Urban Engineering that the subject project be awarded, if the funds are available, to CPC Interests, LLC dba Clark Pipeline Services for a total sum of **\$5,000,000.** This sum is to be awarded in multiple delivery orders over the next 365 calendar days based on the contractor's performance.

Sincerely,

URBAN ENGINEERING



J. Douglas McMullan, P. E.

JDM/

Enclosures

xc: Sandra Gomez, P. E., Engineer IV, Engineering Services

TABULATION OF BIDS
DEPARTMENT OF ENGINEERING - CITY OF COPURS CHRISTI, TEXAS

TABULATED BY: J. Douglas McMullan, P. E.
Urban Engineering

DATE BID: June 26, 2019

Completion : 365 Days

ENGINEER'S ESTIMATE: 1,800, 000

WATER LINE REPLACEMENT PROGRAM
CITY PROJECT No: 19010A

Abel's Paving & Construction, Inc.
1442 Cliff Maus
Corpus Chirsti, Texas 78405
(361) 852-1194

CPC Interests, LLC dba Clark Pipeline Services
6229 Leopard Street
Corpus Christi, Texas 78409
(361) 929-5822

Bridges Specialties, Inc.
4233 FM 624
Robstown, Texas 78380
(361) 387-2743

ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
PART A - GENERAL									
A1	Mobilization (Maximum 5%)	LS	1	\$ 75,013.45	\$ 75,013.45	\$ 82,600.00	\$ 82,600.00	\$ 80,000.00	\$ 80,000.00
A2	Bonds and Insurance	LS	1	\$ 75,013.45	\$ 75,013.45	\$ 31,860.00	\$ 31,860.00	\$ 45,000.00	\$ 45,000.00
A3	Ozone Advisory Day	DAY	1	\$ 5,000.00	\$ 5,000.00	\$ 236.00	\$ 236.00	\$ 1,600.00	\$ 1,600.00
SUBTOTAL PART A - GENERAL (Items A1 thru A3)					\$ 155,026.90		\$ 114,696.00		\$ 126,600.00
PART B - WATERLINE IMPROVEMENTS									
B1	Remove and Dispose of 2" Diam. CIP and DIP Waterline (Up to 6-ft of Cover)	LF	100	\$ 20.00	\$ 2,000.00	\$ 14.16	\$ 1,416.00	\$ 14.00	\$ 1,400.00
B2	Remove and Dispose of 4" Diam. CIP and DIP Waterline (Up to 6-ft of Cover)	LF	100	\$ 34.00	\$ 3,400.00	\$ 17.70	\$ 1,770.00	\$ 16.00	\$ 1,600.00
B3	Remove and Dispose of 6" Diam. CIP and DIP Waterline (Up to 6-ft of Cover)	LF	50	\$ 36.00	\$ 1,800.00	\$ 31.86	\$ 1,593.00	\$ 30.00	\$ 1,500.00
B4	Remove and Dispose of 8" Diam. CIP and DIP Waterline (Up to 6-ft of Cover)	LF	50	\$ 40.00	\$ 2,000.00	\$ 33.04	\$ 1,652.00	\$ 32.00	\$ 1,600.00
B5	Remove and Dispose of 2" Diam. ACP Waterline (Up to 6-ft of Cover)	LF	50	\$ 45.00	\$ 2,250.00	\$ 29.50	\$ 1,475.00	\$ 28.00	\$ 1,400.00
B6	Remove and Dispose of 4" Diam. ACP Waterline (Up to 6-ft of Cover)	LF	50	\$ 50.00	\$ 2,500.00	\$ 31.86	\$ 1,593.00	\$ 30.00	\$ 1,500.00
B7	Remove and Dispose of 6" Diam. ACP Waterline (Up to 6-ft of Cover)	LF	50	\$ 60.00	\$ 3,000.00	\$ 33.04	\$ 1,652.00	\$ 32.00	\$ 1,600.00
B8	Remove and Dispose of 8" Diam. ACP Waterline (Up to 6-ft of Cover)	LF	50	\$ 65.00	\$ 3,250.00	\$ 34.40	\$ 1,720.00	\$ 35.00	\$ 1,750.00
B9	Extra Depth for Waterline Removals for Each Vertical Foot Over 6-ft of Cover, Added Linearly Along the Trench (All Pipe Sizes)	LF	10	\$ 10.00	\$ 100.00	\$ 39.33	\$ 393.30	\$ 20.00	\$ 200.00

WATER LINE REPLACEMENT PROGRAM CITY PROJECT No: 19010A				Abel's Paving & Construction, Inc. 1442 Cliff Maus Corpus Chirsti, Texas 78405 (361) 852-1194		CPC Interests, LLC dba Clark Pipeline Services 6229 Leopard Street Corpus Christi, Texas 78409 (361) 929-5822		Bridges Specialties, Inc. 4233 FM 624 Robstown, Texas 78380 (361) 387-2743	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
B10	Furnish and Install 4" Diam. DIP Waterline Adjustment (up to 6-ft of Cover and 60-ft in Length)	EA	5	\$ 3,400.00	\$ 17,000.00	\$ 6,709.48	\$ 33,547.40	\$ 5,500.00	\$ 27,500.00
B11	Furnish and Install 6" Diam. DIP Waterline Adjustment (up to 6-ft of Cover and 60-ft in Length)	EA	5	\$ 3,500.00	\$ 17,500.00	\$ 6,497.08	\$ 32,485.40	\$ 5,900.00	\$ 29,500.00
B12	Furnish and Install 8" Diam. DIP Waterline Adjustment (up to 6-ft of Cover and 60-ft in Length)	EA	5	\$ 3,600.00	\$ 18,000.00	\$ 7,226.32	\$ 36,131.60	\$ 7,000.00	\$ 35,000.00
B13	Extra Depth for Waterline Adjustments For Each Vertical Foot Over 6-ft Cover, Added to Each Adjustment (All Pipe Sizes)	EA	5	\$ 2,500.00	\$ 12,500.00	\$ 1,438.42	\$ 7,192.10	\$ 100.00	\$ 500.00
B14	Furnish and Install 4" Diam. C900 DR18 PVC Waterline (Up to 6-ft of Cover)	LF	400	\$ 13.96	\$ 5,584.00	\$ 31.86	\$ 12,744.00	\$ 30.00	\$ 12,000.00
B15	Furnish and Install 6" Diam. C900 DR18 PVC Waterline (Up to 6-ft of Cover)	LF	400	\$ 16.00	\$ 6,400.00	\$ 42.09	\$ 16,836.00	\$ 35.00	\$ 14,000.00
B16	Furnish and Install 8" Diam. C900 DR18 PVC Waterline (Up to 6-ft of Cover)	LF	400	\$ 22.00	\$ 8,800.00	\$ 52.81	\$ 21,124.00	\$ 48.00	\$ 19,200.00
B17	Extra Depth for Waterline Installation for Each Vertical Foot Over 6-ft Cover, Added Linearly Along the Trench (All Pipe Sizes)	LF	100	\$ 8.50	\$ 850.00	\$ 21.63	\$ 2,163.00	\$ 10.00	\$ 1,000.00
B18	Furnish and Install 4" Diam. C900 DR18 PVC Waterline (Up to 6-ft of Cover) by Auger Boring	LF	100	\$ 225.00	\$ 22,500.00	\$ 81.42	\$ 8,142.00	\$ 150.00	\$ 15,000.00
B19	Furnish and Install 6" Diam. C900 DR18 PVC Waterline (Up to 6-ft of Cover) by Auger Boring	LF	100	\$ 245.00	\$ 24,500.00	\$ 125.08	\$ 12,508.00	\$ 170.00	\$ 17,000.00
B20	Furnish and Install 8" Diam. C900 DR18 PVC Waterline (Up to 6-ft of Cover) by Auger Boring	LF	100	\$ 265.00	\$ 26,500.00	\$ 177.00	\$ 17,700.00	\$ 220.00	\$ 22,000.00
B21	Extra Depth for Waterline Installation by Auger Boring for Each Vertical Foot Over 6-ft Cover, Added Linearly Along the Trench (All Pipe Sizes)	LF	10	\$ 60.00	\$ 600.00	\$ 39.33	\$ 393.30	\$ 100.00	\$ 1,000.00
B22	Furnish and Install 4" Diam. C900 DR18 Fusible PVC Waterline (Up to 6-ft of Cover) by Pipe Bursting	LF	200	\$ 100.00	\$ 20,000.00	\$ 59.00	\$ 11,800.00	\$ 70.00	\$ 14,000.00
B23	Furnish and Install 6" Diam. C900 DR18 Fusible PVC Waterline (Up to 6-ft of Cover) by Pipe Bursting	LF	200	\$ 130.00	\$ 26,000.00	\$ 68.44	\$ 13,688.00	\$ 95.00	\$ 19,000.00

WATER LINE REPLACEMENT PROGRAM CITY PROJECT No: 19010A				Abel's Paving & Construction, Inc. 1442 Cliff Maus Corpus Chirsti, Texas 78405 (361) 852-1194		CPC Interests, LLC dba Clark Pipeline Services 6229 Leopard Street Corpus Christi, Texas 78409 (361) 929-5822		Bridges Specialties, Inc. 4233 FM 624 Robstown, Texas 78380 (361) 387-2743	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
B24	Furnish and Install 8" Diam. C900 DR18 Fusible PVC Waterline (Up to 6-ft of Cover) by Pipe Bursting	LF	200	\$ 160.00	\$ 32,000.00	\$ 82.60	\$ 16,520.00	\$ 130.00	\$ 26,000.00
B25	Extra Depth for Waterline Installation by Pipe Bursting for Each Vertical Foot Over 6-ft Cover, Added Linearly Along the Trench (All Pipe Sizes)	LF	10	\$ 50.00	\$ 500.00	\$ 21.63	\$ 216.30	\$ 100.00	\$ 1,000.00
B26	Furnish and Install 2" Temporary Water Supply for Pipe Bursting	LF	200	\$ 90.00	\$ 18,000.00	\$ 47.20	\$ 9,440.00	\$ 50.00	\$ 10,000.00
B27	Furnish and Install 4" Temporary Water Supply for Pipe Bursting	LF	200	\$ 100.00	\$ 20,000.00	\$ 53.10	\$ 10,620.00	\$ 65.00	\$ 13,000.00
B28	Connect and Disconnect Service to Temporary Water Supply	EA	50	\$ 600.00	\$ 30,000.00	\$ 442.50	\$ 22,125.00	\$ 500.00	\$ 25,000.00
B29	Point Repair in Front Easement	EA	10	\$ 1,800.00	\$ 18,000.00	\$ 1,593.00	\$ 15,930.00	\$ 5,000.00	\$ 50,000.00
B30	Furnish and Install 4" Diam. C900 DR18 Fusible PVC Waterline (Up to 6-ft of Cover) by Pipe Bursting	LF	200	\$ 110.00	\$ 22,000.00	\$ 67.26	\$ 13,452.00	\$ 80.00	\$ 16,000.00
B31	Furnish and Install 6" Diam. C900 DR18 Fusible PVC Waterline (Up to 6-ft of Cover) by Pipe Bursting	LF	200	\$ 118.00	\$ 23,600.00	\$ 76.70	\$ 15,340.00	\$ 100.00	\$ 20,000.00
B32	Furnish and Install 8" Diam. C900 DR18 Fusible PVC Waterline (Up to 6-ft of Cover) by Pipe Bursting	LF	200	\$ 130.00	\$ 26,000.00	\$ 94.40	\$ 18,880.00	\$ 130.00	\$ 26,000.00
B33	Extra Depth for Waterline Installation by Pipe Bursting for Each Vertical Foot Over 6-ft Cover, Added to Each (All Pipe Sizes)	LF	10	\$ 60.00	\$ 600.00	\$ 39.33	\$ 393.30	\$ 100.00	\$ 1,000.00
B34	Furnish and Install 2" Temporary Water Supply for Pipe Bursting	LF	200	\$ 100.00	\$ 20,000.00	\$ 44.25	\$ 8,850.00	\$ 50.00	\$ 10,000.00
B35	Furnish and Install 4" Temporary Water Supply for Pipe Bursting	LF	200	\$ 110.00	\$ 22,000.00	\$ 47.20	\$ 9,440.00	\$ 55.00	\$ 11,000.00
B36	Connect and Disconnect Service to Temporary Water Supply	EA	50	\$ 600.00	\$ 30,000.00	\$ 442.50	\$ 22,125.00	\$ 500.00	\$ 25,000.00
B37	Point Repair in Rear Easement	EA	10	\$ 1,800.00	\$ 18,000.00	\$ 2,376.52	\$ 23,765.20	\$ 7,000.00	\$ 70,000.00
B38	Furnish and Install 4" Diam. C900 DR 18 Fusible PVC Waterline by HDD	LF	200	\$ 120.00	\$ 24,000.00	\$ 125.14	\$ 25,028.00	\$ 120.00	\$ 24,000.00
B39	Furnish and Install 6" Diam. C900 DR 18 Fusible PVC Waterline by HDD	LF	200	\$ 140.00	\$ 28,000.00	\$ 159.01	\$ 31,802.00	\$ 150.00	\$ 30,000.00
B40	Furnish and Install 8" Diam. C900 DR 18 Fusible PVC Waterline by HDD	LF	200	\$ 180.00	\$ 36,000.00	\$ 197.65	\$ 39,530.00	\$ 200.00	\$ 40,000.00

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ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
B41	Furnish and Install Air Release Valve and Manhole	EA	4	\$ 1,200.00	\$ 4,800.00	\$ 7,776.20	\$ 31,104.80	\$ 10,000.00	\$ 40,000.00
B42	Construct Drill Pads	EA	4	\$ 2,500.00	\$ 10,000.00	\$ 8,850.00	\$ 35,400.00	\$ 11,500.00	\$ 46,000.00
B43	Furnish and Install 4" C900 DR 18 Fusible PVC Waterline with Casing Spacers and 10-inch Steel Casing (0.375" wall) by HDD	LF	100	\$ 375.00	\$ 37,500.00	\$ 383.21	\$ 38,321.00	\$ 290.00	\$ 29,000.00
B44	Furnish and Install 6" C900 DR 18 Fusible PVC Waterline with Casing Spacers and 12-inch Steel Casing (0.375" wall) by HDD	LF	100	\$ 410.00	\$ 41,000.00	\$ 431.76	\$ 43,176.00	\$ 320.00	\$ 32,000.00
B45	Furnish and Install 8" C900 DR 18 Fusible PVC Waterline with Casing Spacers and 16-inch Steel Casing (0.375" wall) by HDD	LF	100	\$ 550.00	\$ 55,000.00	\$ 512.20	\$ 51,220.00	\$ 450.00	\$ 45,000.00
B46	Furnish and Install Air Release Valve and Manhole	EA	4	\$ 850.00	\$ 3,400.00	\$ 7,776.20	\$ 31,104.80	\$ 10,000.00	\$ 40,000.00
B47	Construct Drill Pads	EA	4	\$ 2,500.00	\$ 10,000.00	\$ 8,850.00	\$ 35,400.00	\$ 7,000.00	\$ 28,000.00
B48	Furnish and Install 4" R/W Gate Valve, and Valve Box (MJ with MEGA LUG Joint Restraint Fitting)	EA	5	\$ 1,670.00	\$ 8,350.00	\$ 755.20	\$ 3,776.00	\$ 1,100.00	\$ 5,500.00
B49	Furnish and Install 6" R/W Gate Valve, and Valve Box (MJ with MEGA LUG Joint Restraint Fitting)	EA	5	\$ 2,100.00	\$ 10,500.00	\$ 881.46	\$ 4,407.30	\$ 1,300.00	\$ 6,500.00
B50	Furnish and Install 8" R/W Gate Valve, and Valve Box (MJ with MEGA LUG Joint Restraint Fitting)	EA	5	\$ 2,500.00	\$ 12,500.00	\$ 1,272.04	\$ 6,360.20	\$ 2,000.00	\$ 10,000.00
B51	Furnish and Install 4" 11.25 Deg. Bend (MJ with MEGA LUG Joint Restraint Fitting)	EA	5	\$ 475.00	\$ 2,375.00	\$ 177.00	\$ 885.00	\$ 200.00	\$ 1,000.00
B52	Furnish and Install 4" 22.5 Deg. Bend (MJ with MEGA LUG Joint Restraint Fitting)	EA	5	\$ 475.00	\$ 2,375.00	\$ 177.00	\$ 885.00	\$ 200.00	\$ 1,000.00
B53	Furnish and Install 4" 45 Deg. Bend (MJ with MEGA LUG Joint Restraint Fitting)	EA	5	\$ 500.00	\$ 2,500.00	\$ 201.78	\$ 1,008.90	\$ 220.00	\$ 1,100.00
B54	Furnish and Install 4" 90 Deg. Bend (MJ with MEGA LUG Joint Restraint Fitting)	EA	5	\$ 525.00	\$ 2,625.00	\$ 201.78	\$ 1,008.90	\$ 220.00	\$ 1,100.00
B55	Furnish and Install 4" Reducers - All Sizes (MJ with MEGA LUG Joint Restraint Fitting)	EA	5	\$ 400.00	\$ 2,000.00	\$ 177.00	\$ 885.00	\$ 200.00	\$ 1,000.00
B56	Furnish and Install 4" Crosses - All Sizes (MJ with MEGA LUG Joint Restraint Fitting)	EA	5	\$ 650.00	\$ 3,250.00	\$ 295.00	\$ 1,475.00	\$ 400.00	\$ 2,000.00

WATER LINE REPLACEMENT PROGRAM CITY PROJECT No: 19010A				Abel's Paving & Construction, Inc. 1442 Cliff Maus Corpus Chirsti, Texas 78405 (361) 852-1194		CPC Interests, LLC dba Clark Pipeline Services 6229 Leopard Street Corpus Christi, Texas 78409 (361) 929-5822		Bridges Specialties, Inc. 4233 FM 624 Robstown, Texas 78380 (361) 387-2743	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
B57	Furnish and Install 4" Tees (MJ with MEGA LUG Joint Restraint Fitting)	EA	5	\$ 525.00	\$ 2,625.00	\$ 224.20	\$ 1,121.00	\$ 250.00	\$ 1,250.00
B58	Furnish and Install 6" 11.25 Deg. Bend (MJ with MEGA LUG Joint Restraint Fitting)	EA	5	\$ 525.00	\$ 2,625.00	\$ 206.50	\$ 1,032.50	\$ 250.00	\$ 1,250.00
B59	Furnish and Install 6" 22.5 Deg. Bend (MJ with MEGA LUG Joint Restraint fitting)	EA	5	\$ 525.00	\$ 2,625.00	\$ 200.60	\$ 1,003.00	\$ 250.00	\$ 1,250.00
B60	Furnish and Install 6" 45 Deg. Bend (MJ with MEGA LUG Joint Restraint Fitting)	EA	5	\$ 530.00	\$ 2,650.00	\$ 206.50	\$ 1,032.50	\$ 250.00	\$ 1,250.00
B61	Furnish and Install 6" 90 Deg. Bend (MJ with MEGA LUG Joint Restraint Fitting)	EA	5	\$ 525.00	\$ 2,625.00	\$ 224.20	\$ 1,121.00	\$ 280.00	\$ 1,400.00
B62	Furnish and Install 6" Reducers - All Sizes (MJ with MEGA LUG Joint Restraint Fitting)	EA	5	\$ 460.00	\$ 2,300.00	\$ 195.88	\$ 979.40	\$ 220.00	\$ 1,100.00
B63	Furnish and Install 6" Crosses - All Sizes (MJ with MEGA LUG Joint Restraint Fitting)	EA	5	\$ 700.00	\$ 3,500.00	\$ 324.50	\$ 1,622.50	\$ 600.00	\$ 3,000.00
B64	Furnish and Install 6" Tees (MJ with MEGA LUG Joint Restraint Fitting)	EA	5	\$ 600.00	\$ 3,000.00	\$ 318.60	\$ 1,593.00	\$ 450.00	\$ 2,250.00
B65	Furnish and Install 8" 11.25 Deg. Bend (MJ with MEGA LUG Joint Restraint Fitting)	EA	5	\$ 550.00	\$ 2,750.00	\$ 290.10	\$ 1,450.50	\$ 320.00	\$ 1,600.00
B66	Furnish and Install 8" 22.5 Deg. Bend (MJ with MEGA LUG Joint Restraint Fitting)	EA	5	\$ 550.00	\$ 2,750.00	\$ 298.66	\$ 1,493.30	\$ 320.00	\$ 1,600.00
B67	Furnish and Install 8" 45 Deg. Bend (MJ with MEGA LUG Joint Restraint Fitting)	EA	5	\$ 570.00	\$ 2,850.00	\$ 301.14	\$ 1,505.70	\$ 320.00	\$ 1,600.00
B68	Furnish and Install 8" 90 Deg. Bend (MJ with MEGA LUG Joint Restraint Fitting)	EA	5	\$ 600.00	\$ 3,000.00	\$ 322.79	\$ 1,613.95	\$ 350.00	\$ 1,750.00
B69	Furnish and Install 8" Reducers - All Sizes (MJ with MEGA LUG Joint Restraint Fitting)	EA	5	\$ 525.00	\$ 2,625.00	\$ 220.19	\$ 1,100.95	\$ 280.00	\$ 1,400.00
B70	Furnish and Install 8" Crosses - All Sizes (MJ with MEGA LUG Joint Restraint Fitting)	EA	5	\$ 600.00	\$ 3,000.00	\$ 537.25	\$ 2,686.25	\$ 700.00	\$ 3,500.00
B71	Furnish and Install 8" Tees (MJ with MEGA LUG Joint Restraint Fitting)	EA	5	\$ 625.00	\$ 3,125.00	\$ 416.89	\$ 2,084.45	\$ 600.00	\$ 3,000.00

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ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
B72	Furnish and Install 5/8" to 3/4" Copper or HDPE Service	EA	5	\$ 980.00	\$ 4,900.00	\$ 602.98	\$ 3,014.90	\$ 1,000.00	\$ 5,000.00
B73	Furnish and Install 1" to 2" Copper or HDPE Service	EA	5	\$ 1,400.00	\$ 7,000.00	\$ 1,492.70	\$ 7,463.50	\$ 1,400.00	\$ 7,000.00
B74	Furnish and Install 5/8" to 3/4" Copper or HDPE Service	EA	5	\$ 980.00	\$ 4,900.00	\$ 691.48	\$ 3,457.40	\$ 1,500.00	\$ 7,500.00
B75	Furnish and Install 1" to 2" Copper or HDPE Service	EA	5	\$ 1,400.00	\$ 7,000.00	\$ 1,711.00	\$ 8,555.00	\$ 1,900.00	\$ 9,500.00
B76	Reconnect 5/8" to 3/4" Copper or HDPE Service	EA	5	\$ 480.00	\$ 2,400.00	\$ 387.04	\$ 1,935.20	\$ 500.00	\$ 2,500.00
B77	Reconnect 1" to 2" Copper or HDPE Service	EA	5	\$ 690.00	\$ 3,450.00	\$ 737.50	\$ 3,687.50	\$ 800.00	\$ 4,000.00
B78	Connection to Existing 4" Waterline, with Sleeve and Tee	EA	5	\$ 1,200.00	\$ 6,000.00	\$ 1,069.87	\$ 5,349.35	\$ 2,500.00	\$ 12,500.00
B79	Connection to Existing 6" Waterline, with Sleeve and Tee	EA	5	\$ 1,400.00	\$ 7,000.00	\$ 1,199.67	\$ 5,998.35	\$ 3,000.00	\$ 15,000.00
B80	Connection to Existing 8" Waterline, with Sleeve and Tee	EA	5	\$ 1,700.00	\$ 8,500.00	\$ 1,376.67	\$ 6,883.35	\$ 4,000.00	\$ 20,000.00
B81	Furnish and Install 4" Tapping Sleeve c/w 2" RW Gate Valve	EA	5	\$ 2,980.00	\$ 14,900.00	\$ 2,728.16	\$ 13,640.80	\$ 3,000.00	\$ 15,000.00
B82	Furnish and Install 6" Tapping Sleeve c/w 4" RW Gate Valve	EA	5	\$ 3,400.00	\$ 17,000.00	\$ 3,595.46	\$ 17,977.30	\$ 3,600.00	\$ 18,000.00
B83	Furnish and Install 8" Tapping Sleeve c/w 4" RW Gate Valve	EA	5	\$ 4,500.00	\$ 22,500.00	\$ 3,804.32	\$ 19,021.60	\$ 4,100.00	\$ 20,500.00
B84	Furnish and Install 8" Tapping Sleeve c/w 6" RW Gate Valve	EA	5	\$ 5,200.00	\$ 26,000.00	\$ 3,826.74	\$ 19,133.70	\$ 5,200.00	\$ 26,000.00
B85	Furnish and Install 4" Tapping Sleeve c/w 4" RW Gate Valve	EA	5	\$ 3,100.00	\$ 15,500.00	\$ 3,488.08	\$ 17,440.40	\$ 3,800.00	\$ 19,000.00
B86	Furnish and Install 6" Tapping Sleeve c/w 6" RW Gate Valve	EA	5	\$ 3,700.00	\$ 18,500.00	\$ 3,686.32	\$ 18,431.60	\$ 4,400.00	\$ 22,000.00
B87	Furnish and Install 8" Tapping Sleeve c/w 8" RW Gate Valve	EA	5	\$ 5,900.00	\$ 29,500.00	\$ 4,507.60	\$ 22,538.00	\$ 5,200.00	\$ 26,000.00
B88	Furnish and Install FH Assembly with Long Lead (Tee, Pipe and Valve) Greater Than 14' in Length	EA	5	\$ 9,760.00	\$ 48,800.00	\$ 4,885.20	\$ 24,426.00	\$ 5,200.00	\$ 26,000.00
B89	Furnish and Install FH Assembly with Short Lead (Tee, Pipe and Valve) Up to 14' in Length	EA	5	\$ 9,600.00	\$ 48,000.00	\$ 4,826.20	\$ 24,131.00	\$ 4,900.00	\$ 24,500.00
B90	Remove Fire Hydrant	EA	5	\$ 3,500.00	\$ 17,500.00	\$ 1,180.00	\$ 5,900.00	\$ 1,300.00	\$ 6,500.00
B91	Furnish and Install Water Meter Box	EA	5	\$ 1,200.00	\$ 6,000.00	\$ 690.30	\$ 3,451.50	\$ 500.00	\$ 2,500.00
B92	Adjust Valve Box 8" and Under	EA	5	\$ 450.00	\$ 2,250.00	\$ 501.50	\$ 2,507.50	\$ 450.00	\$ 2,250.00
B93	Trench Safety for Remove and Install Waterline (Up to 6-ft of Cover)	LF	400	\$ 12.75	\$ 5,100.00	\$ 11.80	\$ 4,720.00	\$ 5.00	\$ 2,000.00

WATER LINE REPLACEMENT PROGRAM CITY PROJECT No: 19010A				Abel's Paving & Construction, Inc. 1442 Cliff Maus Corpus Chirsti, Texas 78405 (361) 852-1194		CPC Interests, LLC dba Clark Pipeline Services 6229 Leopard Street Corpus Christi, Texas 78409 (361) 929-5822		Bridges Specialties, Inc. 4233 FM 624 Robstown, Texas 78380 (361) 387-2743	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
B94	Extra Depth for Trench Safety for Remove and Install Waterline for Each Vertical Foot Over 6-ft Cover, Added Linearly Along the Trench (All Pipe Sizes)	LF	10	\$ 50.00	\$ 500.00	\$ 29.50	\$ 295.00	\$ 50.00	\$ 500.00
B95	Trench Safety for Auger Boring/Pipe Bursting Pits (Up to 6-ft of Cover)	EA	5	\$ 500.00	\$ 2,500.00	\$ 2,950.00	\$ 14,750.00	\$ 3,500.00	\$ 17,500.00
B96	Extra Depth for Trench Safety for Auger Boring/Pipe Bursting for Each Vertical Foot Over 6-ft Cover, Added to Each (All Pipe Sizes)	EA	5	\$ 500.00	\$ 2,500.00	\$ 1,180.00	\$ 5,900.00	\$ 2,500.00	\$ 12,500.00
B97	Furnish and Install Cement Stabilized Sand	TONS	100	\$ 65.00	\$ 6,500.00	\$ 64.90	\$ 6,490.00	\$ 60.00	\$ 6,000.00
B98	Clearing and Grubbing	AC	1	\$ 3,200.00	\$ 3,200.00	\$ 2,950.00	\$ 2,950.00	\$ 3,000.00	\$ 3,000.00
B99	Furnish and Install Asphalt Pavement Repair	SY	100	\$ 26.00	\$ 2,600.00	\$ 100.30	\$ 10,030.00	\$ 100.00	\$ 10,000.00
B100	Sawcut Asphalt Per 2" lift greater than 2" thickness	LF	1000	\$ 3.00	\$ 3,000.00	\$ 1.77	\$ 1,770.00	\$ 2.00	\$ 2,000.00
B101	Furnish and Install Asphalt Overlay Per 2" lift greater than 2" thickness	SY	100	\$ 26.00	\$ 2,600.00	\$ 29.50	\$ 2,950.00	\$ 35.00	\$ 3,500.00
B102	Remove Asphalt Per 2" lift greater than 2" thickness	SY	500	\$ 12.00	\$ 6,000.00	\$ 5.90	\$ 2,950.00	\$ 10.00	\$ 5,000.00
B103	Furnish and Install Concrete Pavement Repair	SF	100	\$ 14.00	\$ 1,400.00	\$ 35.11	\$ 3,511.00	\$ 95.00	\$ 9,500.00
B104	Sawcut Concrete Per 2" lift greater than 8" thickness	LF	1000	\$ 6.00	\$ 6,000.00	\$ 2.95	\$ 2,950.00	\$ 3.00	\$ 3,000.00
B105	Furnish and Install Concrete Overlay per 2" greater than 8" thickness	SF	100	\$ 18.00	\$ 1,800.00	\$ 76.70	\$ 7,670.00	\$ 35.00	\$ 3,500.00
B106	Remove Concrete Per 2" lift greater than 8" thickness	SF	100	\$ 6.00	\$ 600.00	\$ 17.70	\$ 1,770.00	\$ 20.00	\$ 2,000.00
B107	Furnish and Install Concrete Driveway Repair	SF	100	\$ 14.00	\$ 1,400.00	\$ 9.74	\$ 974.00	\$ 25.00	\$ 2,500.00
B108	Furnish and Install Concrete Curb Ramp Repair	SF	100	\$ 14.00	\$ 1,400.00	\$ 26.55	\$ 2,655.00	\$ 40.00	\$ 4,000.00
B109	Furnish and Install Concrete Curb and Gutter Repair	LF	100	\$ 18.00	\$ 1,800.00	\$ 21.24	\$ 2,124.00	\$ 40.00	\$ 4,000.00
B110	Furnish and Install Concrete Valley Gutter Repair	LF	100	\$ 18.00	\$ 1,800.00	\$ 47.20	\$ 4,720.00	\$ 50.00	\$ 5,000.00
B111	Furnish and Install Concrete Sidewalk Repair	SF	100	\$ 14.00	\$ 1,400.00	\$ 9.44	\$ 944.00	\$ 25.00	\$ 2,500.00
B112	Furnish and Install Seeding	SY	100	\$ 20.00	\$ 2,000.00	\$ 1.30	\$ 130.00	\$ 2.00	\$ 200.00
B113	Furnish and Install Sodding	SY	100	\$ 20.00	\$ 2,000.00	\$ 9.44	\$ 944.00	\$ 10.00	\$ 1,000.00
B114	Furnish and Install Wooden Fence	LF	100	\$ 19.00	\$ 1,900.00	\$ 41.30	\$ 4,130.00	\$ 50.00	\$ 5,000.00

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ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
B115	Furnish and Install Chain Link Fencing	LF	100	\$ 21.00	\$ 2,100.00	\$ 53.10	\$ 5,310.00	\$ 50.00	\$ 5,000.00
B116	Remove and Reinstall Residential Mailbox	EA	50	\$ 400.00	\$ 20,000.00	\$ 177.00	\$ 8,850.00	\$ 500.00	\$ 25,000.00
B117	Haul off Concrete (greater than 8 inches in thickness) / Asphalt (greater than 2 inches thickness)	HR	50	\$ 70.00	\$ 3,500.00	\$ 159.30	\$ 7,965.00	\$ 95.00	\$ 4,750.00
B118	Abandon 2" to 4" Waterline in Place and Fill with Grout	LF	400	\$ 20.00	\$ 8,000.00	\$ 12.98	\$ 5,192.00	\$ 30.00	\$ 12,000.00
B119	Abandon 6" to 8" Waterline in Place and Fill with Grout	LF	400	\$ 26.00	\$ 10,400.00	\$ 15.34	\$ 6,136.00	\$ 35.00	\$ 14,000.00
B120	Furnish and Install 10" Steel Casing Pipe w/4" Waterline by Conventional Trenching, (Up to 6-ft of Cover)	LF	50	\$ 75.00	\$ 3,750.00	\$ 84.93	\$ 4,246.50	\$ 120.00	\$ 6,000.00
B121	Furnish and Install 12" Steel Casing Pipe w/6" Waterline by Conventional Trenching, (Up to 6-ft of Cover)	LF	50	\$ 125.00	\$ 6,250.00	\$ 100.69	\$ 5,034.50	\$ 125.00	\$ 6,250.00
B122	Furnish and Install 16" Steel Casing Pipe w/ 8" Waterline by Conventional Trenching (Up to 6-ft of Cover)	LF	50	\$ 140.00	\$ 7,000.00	\$ 122.72	\$ 6,136.00	\$ 190.00	\$ 9,500.00
B123	Extra Depth for Casing Pipe by Conventional Trenching for Each Vertical Foot Over 6-ft Cover, Added Linearly Along the Trench (All Pipe Sizes)	LF	10	\$ 60.00	\$ 600.00	\$ 136.88	\$ 1,368.80	\$ 50.00	\$ 500.00
B124	Furnish and Install 10" Steel Casing Pipe w/ 4" Waterline by Auger Boring (Up to 72" of Cover)	LF	50	\$ 180.00	\$ 9,000.00	\$ 294.61	\$ 14,730.50	\$ 300.00	\$ 15,000.00
B125	Furnish and Install 12" Steel Casing Pipe w/ 6" Waterline by Auger Boring (Up to 72" of Cover)	LF	50	\$ 210.00	\$ 10,500.00	\$ 372.66	\$ 18,633.00	\$ 380.00	\$ 19,000.00
B126	Furnish and Install 16" Steel Casing Pipe w/ 8" Water line by Auger Boring (Up to 72" of Cover)	LF	50	\$ 240.00	\$ 12,000.00	\$ 420.87	\$ 21,043.50	\$ 520.00	\$ 26,000.00
B127	Extra Depth for Casing Pipe by Auger Boring for Each Vertical Foot Over 6-ft Cover, Added Linearly Along the Trench (All Pipe Sizes)	LF	10	\$ 60.00	\$ 600.00	\$ 136.88	\$ 1,368.80	\$ 100.00	\$ 1,000.00
B128	Tree Removal Up To 8" in Dia.	EA	5	\$ 250.00	\$ 1,250.00	\$ 442.50	\$ 2,212.50	\$ 500.00	\$ 2,500.00
B129	Tree Removal Greater than 8" in Dia.	EA	5	\$ 300.00	\$ 1,500.00	\$ 885.00	\$ 4,425.00	\$ 1,000.00	\$ 5,000.00
B130	Brush Removal	AC	3	\$ 2,000.00	\$ 6,000.00	\$ 3,540.00	\$ 10,620.00	\$ 3,500.00	\$ 10,500.00
B131	Remove and Relocate Existing Wooden Fence	LF	50	\$ 34.00	\$ 1,700.00	\$ 23.60	\$ 1,180.00	\$ 50.00	\$ 2,500.00
B132	Remove and Relocate Existing Chainlink Fence	LF	50	\$ 40.00	\$ 2,000.00	\$ 29.50	\$ 1,475.00	\$ 50.00	\$ 2,500.00

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ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
B133	Furnish and Install Signing and Traffic Control (Scenario 1)	DAY	10	\$ 400.00	\$ 4,000.00	\$ 295.00	\$ 2,950.00	\$ 325.00	\$ 3,250.00
B134	Furnish and Install Signing and Traffic Control (Scenario 2)	DAY	10	\$ 400.00	\$ 4,000.00	\$ 295.00	\$ 2,950.00	\$ 325.00	\$ 3,250.00
B135	Furnish and Install Signing and Traffic Control (Scenario 3)	DAY	10	\$ 400.00	\$ 4,000.00	\$ 472.00	\$ 4,720.00	\$ 520.00	\$ 5,200.00
B136	Furnish and Install Signing and Traffic Control (Scenario 4)	DAY	10	\$ 400.00	\$ 4,000.00	\$ 295.00	\$ 2,950.00	\$ 325.00	\$ 3,250.00
B137	Furnish and Install Signing and Traffic Control (Scenario 5)	DAY	10	\$ 475.00	\$ 4,750.00	\$ 354.00	\$ 3,540.00	\$ 390.00	\$ 3,900.00
B138	Furnish and Install Signing and Traffic Control (Scenario 6)	DAY	5	\$ 475.00	\$ 2,375.00	\$ 590.00	\$ 2,950.00	\$ 650.00	\$ 3,250.00
B139	Furnish and Install Signing and Traffic Control (Scenario 7)	DAY	5	\$ 475.00	\$ 2,375.00	\$ 708.00	\$ 3,540.00	\$ 780.00	\$ 3,900.00
B140	Furnish and Install Signing and Traffic Control (Scenario 8)	DAY	5	\$ 475.00	\$ 2,375.00	\$ 1,003.00	\$ 5,015.00	\$ 1,105.00	\$ 5,525.00
B141	Furnish and Install Signing and Traffic Control (Scenario 9)	DAY	5	\$ 475.00	\$ 2,375.00	\$ 885.00	\$ 4,425.00	\$ 975.00	\$ 4,875.00
B142	Furnish and Install Signing and Traffic Control (Scenario 10)	DAY	5	\$ 475.00	\$ 2,375.00	\$ 826.00	\$ 4,130.00	\$ 910.00	\$ 4,550.00
B143	Furnish and Install Signing and Traffic Control (Scenario 11)	DAY	5	\$ 475.00	\$ 2,375.00	\$ 1,062.00	\$ 5,310.00	\$ 1,170.00	\$ 5,850.00
B144	Furnish and Install Signing and Traffic Control (Scenario 12)	DAY	5	\$ 475.00	\$ 2,375.00	\$ 1,298.00	\$ 6,490.00	\$ 1,430.00	\$ 7,150.00
B145	Furnish and Install Signing and Traffic Control (Scenario 13)	DAY	5	\$ 475.00	\$ 2,375.00	\$ 708.00	\$ 3,540.00	\$ 780.00	\$ 3,900.00
B146	Furnish and Install Signing and Traffic Control (Scenario 14)	DAY	5	\$ 475.00	\$ 2,375.00	\$ 1,770.00	\$ 8,850.00	\$ 1,950.00	\$ 9,750.00
B147	Furnish and Install Signing and Traffic Control (Scenario 15)	DAY	5	\$ 475.00	\$ 2,375.00	\$ 413.00	\$ 2,065.00	\$ 455.00	\$ 2,275.00
B148	Furnish Flagger	DAY	10	\$ 200.00	\$ 2,000.00	\$ 1,416.00	\$ 14,160.00	\$ 1,560.00	\$ 15,600.00
B149	Furnish and Install Flashing Arrow Board	DAY	5	\$ 1,000.00	\$ 5,000.00	\$ 88.50	\$ 442.50	\$ 100.00	\$ 500.00
B150	Furnish and Install Channelization Drums (10 Drums)	DAY	5	\$ 700.00	\$ 3,500.00	\$ 17.70	\$ 88.50	\$ 20.00	\$ 100.00
B151	Furnish and Install Type III Barricade	DAY	5	\$ 400.00	\$ 2,000.00	\$ 3.54	\$ 17.70	\$ 5.00	\$ 25.00
B152	Furnish and Install Skid Mount Sign on Double Wooden Posts	DAY	5	\$ 500.00	\$ 2,500.00	\$ 2.95	\$ 14.75	\$ 5.00	\$ 25.00
B153	Furnish and Install Silt Fence	LF	400	\$ 4.75	\$ 1,900.00	\$ 6.03	\$ 2,412.00	\$ 4.00	\$ 1,600.00
B154	Furnish and Install Fiber Rolls	LF	100	\$ 10.00	\$ 1,000.00	\$ 17.83	\$ 1,783.00	\$ 4.50	\$ 450.00
B155	Furnish and Install Rock Filled Bags	LF	100	\$ 40.00	\$ 4,000.00	\$ 35.53	\$ 3,553.00	\$ 35.00	\$ 3,500.00
B156	Furnish and Install Rock Filter Dam	LS	10	\$ 100.00	\$ 1,000.00	\$ 2,006.00	\$ 20,060.00	\$ 2,000.00	\$ 20,000.00

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ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
B157	Furnish and Install Construction Entrance/Exit	LS	10	\$ 3,500.00	\$ 35,000.00	\$ 2,596.00	\$ 25,960.00	\$ 2,000.00	\$ 20,000.00
B158	Furnish and Install Well Pointing for Waterline installation (Up to 6-ft of Cover)	LF	100	\$ 75.00	\$ 7,500.00	\$ 56.05	\$ 5,605.00	\$ 40.00	\$ 4,000.00
B159	Extra Depth for Well Pointing for Waterline Installation for Each Vertical Foot Over 6-ft Cover, Added Linearly Along the Trench (All Pipe Sizes)	LF	10	\$ 80.00	\$ 800.00	\$ 20.65	\$ 206.50	\$ 15.00	\$ 150.00
B160	Preconstruction Exploratory Excavation (Up to 6-ft Cover)	LF	250	\$ 90.00	\$ 22,500.00	\$ 277.30	\$ 69,325.00	\$ 50.00	\$ 12,500.00
B161	Extra Depth for Preconstruction Exploratory Excavation for Each Vertical Foot Over 6-ft Cover, Added Linearly Along the Trench (All Pipe Sizes)	LF	100	\$ 95.00	\$ 9,500.00	\$ 42.48	\$ 4,248.00	\$ 10.00	\$ 1,000.00
B162	Furnish and Install Bell Harness Assembly for 4" Dia. Waterline	EA	5	\$ 90.00	\$ 450.00	\$ 438.17	\$ 2,190.85	\$ 150.00	\$ 750.00
B163	Furnish and Install Bell Harness Assembly for 6" Dia. Waterline	EA	5	\$ 120.00	\$ 600.00	\$ 452.33	\$ 2,261.65	\$ 170.00	\$ 850.00
B164	Furnish and Install Bell Harness Assembly for 8" Dia. Waterline	EA	5	\$ 130.00	\$ 650.00	\$ 686.76	\$ 3,433.80	\$ 250.00	\$ 1,250.00
B165	Furnish and Install 4-inch Transition Coupling	EA	5	\$ 550.00	\$ 2,750.00	\$ 867.30	\$ 4,336.50	\$ 350.00	\$ 1,750.00
B166	Furnish and Install 5-inch Transition Coupling	EA	5	\$ 675.00	\$ 3,375.00	\$ 991.20	\$ 4,956.00	\$ 420.00	\$ 2,100.00
B167	Furnish and Install 8-inch Transition Coupling	EA	5	\$ 800.00	\$ 4,000.00	\$ 1,298.00	\$ 6,490.00	\$ 580.00	\$ 2,900.00
B168	Furnish and Install 4" Cap	EA	15	\$ 69.00	\$ 1,035.00	\$ 708.00	\$ 10,620.00	\$ 100.00	\$ 1,500.00
B169	Furnish and Install 6" Cap	EA	15	\$ 80.00	\$ 1,200.00	\$ 767.00	\$ 11,505.00	\$ 140.00	\$ 2,100.00
B170	Furnish and Install 8" Cap	EA	15	\$ 120.00	\$ 1,800.00	\$ 1,121.00	\$ 16,815.00	\$ 200.00	\$ 3,000.00
SUBTOTAL PART B WATERLINE IMPROVEMENTS (ITEMS B1 thru B170)					1,470,269.00		\$ 1,551,141.60		\$ 1,681,625.00
Part C - Allowances					\$ 1,486,269.00				
C1	Preparation of Traffic Control Plans	AL	1	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
C2	Disposal of Contaminated Ground Water	AL	1	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00
SUBTOTAL PART C ALLOWANCES (ITEM C1 thru C2)					\$ 30,000.00		\$ 30,000.00		\$ 30,000.00
BID SUMMARY									

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ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
SUBTOTAL PART A - GENERAL (Items A1 thru A3)					\$ 155,026.90		\$ 114,696.00		\$ 126,600.00
SUBTOTAL PART B - WATER MAIN IMPROVEMENTS (Items B1 thru B170)				1,470,269.00	\$ 1,486,269.00		\$ 1,551,141.60		\$ 1,681,625.00
SUBTOTAL PART C - ALLOWANCES (Item C1 thru C2)					\$ 30,000.00		\$ 30,000.00		\$ 30,000.00
TOTAL PROJECT BASE BID - (PART A thru PART C)					1,655,295.90		\$ 1,695,837.60		\$ 1,838,225.00
				-16,000.00	\$ 1,671,295.90				
EMERGENCY COEFFICIENT									
To be applied to any and all items associated with an Emergency Delivery Order as defined in Section 00 30 00			1.5						
NOTE: Area's in red tint and bold borders indicates a mathematical error in the addition of the bid amounts.									