

OFFICE OF THE CITY ATTORNEY  
CHARLES PARKIN, City Attorney  
333 West Ocean Boulevard, 11th Floor  
Long Beach, CA 90802-4664

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SECOND AMENDMENT TO CONTRACT NO. 34584

**34584**

THIS SECOND AMENDMENT TO CONTRACT NO. 34584 is made and entered, in duplicate, as of January 9, 2018 for reference purposes only, pursuant to a minute order adopted by the City Council of the City of Long Beach at its meeting held on June 6, 2017, by and between ARB, INC., a California corporation (“Contractor”), whose address is 26000 Commercenter Drive, Lake Forest, California 92630, and the CITY OF LONG BEACH, a municipal corporation (“City”).

WHEREAS, City and Contractor (the “Parties”) entered into Contract No. 34584 (the “Contract”) whereby Contractor agreed to provide the work described in Plans and Specifications No. G-332; and

WHEREAS, the Parties entered into a First Amendment to the Contract to increase the annual Contract amount by Two Million Dollars (\$2,000,000) for a revised annual amount not to exceed Four Million Five Hundred Thousand Dollars (\$4,500,000); and

WHEREAS, the Parties desire to extend the term and attach an updated rate sheet;

NOW, THEREFORE, in consideration of the mutual terms and conditions herein contained, the Parties agree as follows:

1. Section 4.A. of the Contract is hereby amended to read as follows:

“A. The term of this Contract shall commence at midnight on February 15, 2017, and shall terminate at 11:59 p.m. on February 14, 2019, unless sooner terminated as provided in this Contract, or unless the services or the Project is completed sooner. The parties have the option to renew this Contract for two (2) additional one-year terms.”

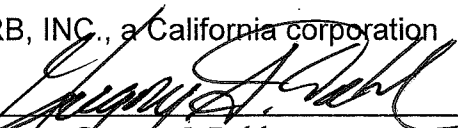
2. The Rates/Pricing in Contractor’s Bid attached to the Contract as Exhibit “A” is hereby amended to include updated rates/pricing more particularly described in Exhibit “A-1”, attached hereto and incorporated by this reference.

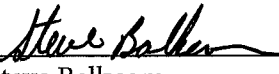
3. Except as expressly modified herein, all of the terms and conditions

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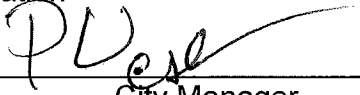
1 contained in Contract No. 34584 are ratified and confirmed and shall remain in full force  
2 and effect.

3 IN WITNESS WHEREOF, the parties have caused this document to be duly  
4 executed with all formalities required by law as of the date first stated above.

5 ARB, INC., a California corporation  
6 January 23, 2018 By   
7 Name Gregory S. Dahl  
8 Title Senior Vice President


9 January 23, 2018 By   
10 Name Steve Balkcom  
11 Title Vice President

12 "Contractor"

13 2/18, 2018 By   
14 CITY OF LONG BEACH, a municipal  
15 corporation  
16 Title City Manager

17 "City"

18 This Second Amendment to Contract No. 34584 is approved as to form on  
19 January 29, 2018.

20 CHARLES PARKIN, City Attorney  
21 By   
22 Deputy  
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# EXHIBIT “A-1”

Contractor’s Bid

# ARB, Inc.

## Cost Plus Labor Rates:

## Gas Distribution (Long Beach Gas & Oil)

RATES EFFECTIVE THROUGH SEPTEMBER 30, 2018

Craft	Hourly Rates		
	Straight Time	Overtime	Premium Time
<b><u>PROJECT MANAGEMENT</u></b>			
Superintendent	154.77	214.45	274.14
<b><u>U.A. PIPEFITTERS/WELDERS</u></b>			
General Foreman	152.12	211.66	271.20
Metal Trades Helper(Shortline Agreement)	71.10	92.92	114.75
Journeyman Welder(Shortline Agreement)	119.93	163.39	206.84
Welder Foreman(Shortline Agreement)	127.36	174.25	221.15
<b><u>LABORERS</u></b>			
Lead Foreman	116.33	160.54	204.75
Foreman	98.43	133.69	168.95
1st Period Apprentice	49.73	66.90	84.08
3rd Period Apprentice	58.81	80.52	102.23
Group III(Wrapper, PTO)	89.92	120.92	151.92
Group IV(Cribber/Shorer, Pipelayer)	92.72	125.12	157.52
Group V	93.35	126.07	158.79
<b><u>TEAMSTERS</u></b>			
Lead Foreman	124.85	169.06	213.27
Foreman	93.55	122.11	150.67
Working Truck Driver	90.84	118.05	145.25
Semi/Lowbed Driver	92.70	120.84	148.97
<b><u>OPERATING ENGINEERS</u></b>			
Foreman	120.42	163.90	207.38
Oiler(Group II)	113.10	152.93	192.76
Universal	117.82	158.56	200.26
Heavy Duty Mechanic	117.07	158.88	200.69

TRAVEL TIME = ONE(1) HOUR OVERTIME IN AREAS GREATER THAN 50 MILES

**SUBSISTENCE: Superintendent/General Foreman/Welders-\$110.00/day-All Other Crafts-\$75.00/day**

**Material, Subcontractors, Subsistence and Outside Rentals(including fuel costs) will be billed cost plus sales tax where applicable, plus markup of 15%.**

**Rates are subject to adjustment as Union Labor Agreements expire.**

**Shift work rates will adjust per Union Labor Agreements.**

**Note: This rate sheet is not all inclusive, additional classifications are available if required.**

**PE MAIN REPLACEMENT (HDD)**

Pavement Type: Asphalt - x ≤ 5" thick

No.	Description	Unit	ARB Price	1st Renewal Price	% Increase
<b>Total Project Main Footage: 501' - 1,000'</b>					
Line No. 1	Main Replacement - 2" PE Coil Pipe	linear foot (lf)	\$154.35	\$161.70	4.76%
Line No. 2	Main Replacement - 4" PE Stick Pipe (40' Sticks)	linear foot (lf)	\$190.85	\$199.95	4.77%
Line No. 3	Main Replacement - 6" PE Stick Pipe (40' Sticks)	linear foot (lf)	\$256.50	\$268.80	4.80%
Line No. 4	Main Replacement - 8" PE Stick Pipe (40' Sticks)	linear foot (lf)	\$283.05	\$296.90	4.89%
<b>Total Project Main Footage: 1,001' - 5,000'</b>					
Line No. 5	Main Replacement - 2" PE Coil Pipe	linear foot (lf)	\$100.00	\$104.65	4.65%
Line No. 6	Main Replacement - 4" PE Stick Pipe	linear foot (lf)	\$114.70	\$120.05	4.66%
Line No. 7	Main Replacement - 6" PE Stick Pipe	linear foot (lf)	\$153.60	\$160.95	4.79%
Line No. 8	Main Replacement - 8" PE Stick Pipe	linear foot (lf)	\$177.25	\$185.85	4.85%
<b>Total Project Main Footage: 5,001' - 10,000'</b>					
Line No. 9	Main Replacement - 2" PE Coil Pipe	linear foot (lf)	\$77.35	\$80.95	4.65%
Line No. 10	Main Replacement - 4" PE Stick Pipe	linear foot (lf)	\$85.20	\$89.20	4.69%
Line No. 11	Main Replacement - 6" PE Stick Pipe	linear foot (lf)	\$116.85	\$122.40	4.75%
Line No. 12	Main Replacement - 8" PE Stick Pipe	linear foot (lf)	\$141.05	\$147.75	4.75%
<b>Total Project Main Footage: 10,001' +</b>					
Line No. 13	Main Replacement - 2" PE Coil Pipe	linear foot (lf)	\$74.80	\$78.20	4.55%
Line No. 14	Main Replacement - 4" PE Stick Pipe	linear foot (lf)	\$82.45	\$86.25	4.61%
Line No. 15	Main Replacement - 6" PE Stick Pipe	linear foot (lf)	\$112.60	\$117.85	4.66%
Line No. 16	Main Replacement - 8" PE Stick Pipe	linear foot (lf)	\$135.10	\$141.40	4.66%
<b>Add-On Charges</b>					
Line No. 17	Extra Asphalt Pavement thickness (per 2" increment) for x > 5" (501' - 1,000')	square foot (sf)	\$8.60	\$9.00	4.65%
Line No. 18	Extra Asphalt Pavement thickness (per 2" increment) for x > 5" (1,000' +)	square foot (sf)	\$8.40	\$8.75	4.17%

**PE MAIN REPLACEMENT (HDD)**

Pavement Type: PCC - x ≤ 4" thick

No.	Description	Unit	ARB Bid Price	1st Renewal Price	% Increase
<b>Total Project Main Footage: 501' - 1,000'</b>					
Line No. 19	Main Replacement - 2" PE Coil Pipe	linear foot (lf)	\$159.60	\$167.20	4.76%
Line No. 20	Main Replacement - 4" PE Stick Pipe	linear foot (lf)	\$197.35	\$206.75	4.76%
Line No. 21	Main Replacement - 6" PE Stick Pipe	linear foot (lf)	\$265.25	\$278.00	4.81%
Line No. 22	Main Replacement - 8" PE Stick Pipe	linear foot (lf)	\$292.70	\$306.80	4.82%
<b>Total Project Main Footage: 1,001' - 5,000'</b>					
Line No. 23	Main Replacement - 2" PE Coil Pipe	linear foot (lf)	\$102.60	\$107.35	4.63%
Line No. 24	Main Replacement - 4" PE Stick Pipe	linear foot (lf)	\$117.65	\$123.15	4.67%
Line No. 25	Main Replacement - 6" PE Stick Pipe	linear foot (lf)	\$157.60	\$165.00	4.70%
Line No. 26	Main Replacement - 8" PE Stick Pipe	linear foot (lf)	\$181.85	\$190.50	4.76%
<b>Total Project Main Footage: 5,001' - 10,000'</b>					
Line No. 27	Main Replacement - 2" PE Coil Pipe	linear foot (lf)	\$79.35	\$83.00	4.60%
Line No. 28	Main Replacement - 4" PE Stick Pipe	linear foot (lf)	\$87.45	\$91.50	4.63%
Line No. 29	Main Replacement - 6" PE Stick Pipe	linear foot (lf)	\$119.85	\$125.50	4.71%
Line No. 30	Main Replacement - 8" PE Stick Pipe	linear foot (lf)	\$144.70	\$151.50	4.70%
<b>Total Project Main Footage: 10,001' +</b>					
Line No. 31	Main Replacement - 2" PE Coil Pipe	linear foot (lf)	\$76.75	\$80.25	4.56%
Line No. 32	Main Replacement - 4" PE Stick Pipe	linear foot (lf)	\$84.60	\$88.50	4.61%
Line No. 33	Main Replacement - 6" PE Stick Pipe	linear foot (lf)	\$115.55	\$121.00	4.72%
Line No. 34	Main Replacement - 8" PE Stick Pipe	linear foot (lf)	\$138.65	\$145.20	4.72%
<b>Add-On Charges</b>					
Line No. 35	Extra PCC Pavement thickness (per 2" increment for x > 4" (501' - 1000'))	square foot (sf)	\$9.75	\$10.20	4.62%
Line No. 36	Extra PCC Pavement thickness (per 2" increment for x > 4" (1000' +))	square foot (sf)	\$9.60	\$10.00	4.17%

**PE MAIN INSTALLATION (HDD)**

**Pavement Type: Asphalt - x ≤ 5" thick**

No.	Description	Unit	ARB Price	1st Renewal Price	% Increase
<b>Total Project Main Footage: 501' - 1,000'</b>					
Line No. 37	Main Installation - 2" PE Coil Pipe	linear foot (lf)	\$150.75	\$157.90	4.74%
Line No. 38	Main Installation - 4" PE Stick Pipe (40' Sticks)	linear foot (lf)	\$186.65	\$195.55	4.77%
Line No. 39	Main Installation - 6" PE Stick Pipe (40' Sticks)	linear foot (lf)	\$235.75	\$247.10	4.81%
Line No. 40	Main Installation - 8" PE Stick Pipe (40' Sticks)	linear foot (lf)	\$260.35	\$272.95	4.84%
<b>Total Project Main Footage: 1,001' - 5,000'</b>					
Line No. 41	Main Installation - 2" PE Coil Pipe	linear foot (lf)	\$94.50	\$98.85	4.60%
Line No. 42	Main Installation - 4" PE Stick Pipe	linear foot (lf)	\$108.10	\$113.10	4.63%
Line No. 43	Main Installation - 6" PE Stick Pipe	linear foot (lf)	\$145.15	\$151.95	4.68%
Line No. 44	Main Installation - 8" PE Stick Pipe	linear foot (lf)	\$168.95	\$176.90	4.71%
<b>Total Project Main Footage: 5,001' - 10,000'</b>					
Line No. 45	Main Installation - 2" PE Coil Pipe	linear foot (lf)	\$72.90	\$76.25	4.60%
Line No. 46	Main Installation - 4" PE Stick Pipe	linear foot (lf)	\$79.85	\$83.55	4.63%
Line No. 47	Main Installation - 6" PE Stick Pipe	linear foot (lf)	\$112.60	\$117.85	4.66%
Line No. 48	Main Installation - 8" PE Stick Pipe	linear foot (lf)	\$136.40	\$142.75	4.66%
<b>Total Project Main Footage: 10,001' +</b>					
Line No. 49	Main Installation - 2" PE Coil Pipe	linear foot (lf)	\$69.40	\$72.55	4.54%
Line No. 50	Main Installation - 4" PE Stick Pipe	linear foot (lf)	\$76.10	\$79.60	4.60%
Line No. 51	Main Installation - 6" PE Stick Pipe	linear foot (lf)	\$108.35	\$113.40	4.66%
Line No. 52	Main Installation - 8" PE Stick Pipe	linear foot (lf)	\$130.45	\$136.55	4.68%
<b>Add-On Charges</b>					
Line No. 53	Extra Asphalt Pavement thickness (per 2" increment) for x > 5" (501' - 1,000')	square foot (sf)	\$8.60	\$9.00	4.65%
Line No. 54	Extra Asphalt Pavement thickness (per 2" increment) for x > 5" (1,000' +)	square foot (sf)	\$8.40	\$8.75	4.17%

**PE MAIN INSTALLATION (HDD)**

Pavement Type: PCC - x ≤ 4" thick

No.	Description	Unit	ARB Price	1st Renewal Price	% Increase
<b>Total Project Main Footage: 501' - 1,000'</b>					
Line No. 55	Main Installation - 2" PE Coil Pipe	linear foot (lf)	\$155.90	\$163.25	4.71%
Line No. 56	Main Installation - 4" PE Stick Pipe (40' Sticks)	linear foot (lf)	\$193.00	\$202.10	4.72%
Line No. 57	Main Installation - 6" PE Stick Pipe (40' Sticks)	linear foot (lf)	\$243.75	\$255.25	4.72%
Line No. 58	Main Installation - 8" PE Stick Pipe (40' Sticks)	linear foot (lf)	\$269.20	\$281.95	4.74%
<b>Total Project Main Footage: 1,001' - 5,000'</b>					
Line No. 59	Main Installation - 2" PE Coil Pipe	linear foot (lf)	\$97.00	\$101.55	4.69%
Line No. 60	Main Installation - 4" PE Stick Pipe	linear foot (lf)	\$110.90	\$116.10	4.69%
Line No. 61	Main Installation - 6" PE Stick Pipe	linear foot (lf)	\$148.95	\$156.00	4.73%
Line No. 62	Main Installation - 8" PE Stick Pipe	linear foot (lf)	\$173.30	\$181.60	4.79%
<b>Total Project Main Footage: 5,001' - 10,000'</b>					
Line No. 63	Main Installation - 2" PE Coil Pipe	linear foot (lf)	\$74.80	\$78.30	4.68%
Line No. 64	Main Installation - 4" PE Stick Pipe	linear foot (lf)	\$81.90	\$85.75	4.70%
Line No. 65	Main Installation - 6" PE Stick Pipe	linear foot (lf)	\$115.55	\$121.00	4.72%
Line No. 66	Main Installation - 8" PE Stick Pipe	linear foot (lf)	\$139.95	\$146.65	4.79%
<b>Total Project Main Footage: 10,001' +</b>					
Line No. 67	Main Installation - 2" PE Coil Pipe	linear foot (lf)	\$71.20	\$74.50	4.63%
Line No. 68	Main Installation - 4" PE Stick Pipe	linear foot (lf)	\$78.10	\$81.75	4.67%
Line No. 69	Main Installation - 6" PE Stick Pipe	linear foot (lf)	\$111.15	\$116.35	4.68%
Line No. 70	Main Installation - 8" PE Stick Pipe	linear foot (lf)	\$133.85	\$140.15	4.71%
<b>Add-On Charges</b>					
Line No. 71	Extra PCC Pavement thickness (per 2" increment) for x > 4" (501' - 1,000')	square foot (sf)	\$9.75	\$10.20	4.62%
Line No. 72	Extra PCC Pavement thickness (per 2" increment) for x > 4" (1,000' +)	square foot (sf)	\$9.60	\$10.00	4.17%



**EXISTING MAIN ABANDONMENT**

**Pavement Type: Asphalt - x ≤ 5" thick**

No.	Description	Unit	ARB Price	1st Renewal Price	% Increase
<b>Total Project Abandonment Footage: 501' - 1000'</b>					
Line No. 73	Main Abandonment - Pipe Diameter ≤ 4"	linear foot (lf)	\$15.35	\$16.05	4.56%
Line No. 74	Main Abandonment - Pipe Diameter ≥ 6"	linear foot (lf)	\$27.20	\$28.50	4.78%
<b>Total Project Abandonment Footage: 1001' +</b>					
Line No. 75	Main Abandonment - Pipe Diameter ≤ 4"	linear foot (lf)	\$12.15	\$12.70	4.53%
Line No. 76	Main Abandonment - Pipe Diameter ≥ 6"	linear foot (lf)	\$7.80	\$8.15	4.49%
<b>Add-On Charges</b>					
Line No. 77	Extra Asphalt Pavement thickness (per 2" increment) for x > 5" (501' - 1000')	square foot (sf)	\$8.60	\$9.00	4.65%
Line No. 78	Extra Asphalt Pavement thickness (per 2" increment) for x > 5" (1001' +)	square foot (sf)	\$8.40	\$8.75	4.17%

**EXISTING MAIN ABANDONMENT**

**Pavement Type: PCC - x ≤ 4" thick**

No.	Description	Unit	ARB Price	1st Renewal Price	% Increase
<b>Total Project Abandonment Footage: 501' - 1000'</b>					
Line No. 79	Main Abandonment - Pipe Diameter ≤ 4"	linear foot (lf)	\$15.90	16.65	4.72%
Line No. 80	Main Abandonment - Pipe Diameter ≥ 6"	linear foot (lf)	\$27.90	29.20	4.66%
<b>Total Project Abandonment Footage: 1001' +</b>					
Line No. 81	Main Abandonment - Pipe Diameter ≤ 4"	linear foot (lf)	\$12.55	13.15	4.78%
Line No. 82	Main Abandonment - Pipe Diameter ≥ 6"	linear foot (lf)	\$8.00	8.40	5.00%
<b>Add-On Charges</b>					
Line No. 83	Extra PCC Pavement thickness (per 2" increment) for x > 4" (501' - 1000')	square foot (sf)	\$9.75	10.20	4.62%
Line No. 84	Extra PCC Pavement thickness (per 2" increment) for x > 4" (1001' +)	square foot (sf)	\$9.60	10.00	4.17%

**POLYETHYLENE SERVICE REPLACEMENT**

No.	Description	Unit	ARB Price	1st Renewal	% Increase
<b><u>PE Service Tie-over</u></b>					
Line No. 85	Service Tie-over - < 3/4" PE Pipe	per service (ea)	\$1,104.00	\$1,157.00	4.80%
Line No. 86	Service Tie-over - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$1,211.00	\$1,269.00	4.79%
Line No. 87	Service Tie-over - 2" PE Pipe	per service (ea)	\$2,067.00	\$2,166.00	4.79%
<b><u>PE Service Count: &lt; 20</u></b>					
Line No. 88	Service Replacement - < 3/4" PE Pipe	per service (ea)	\$1,311.00	\$1,375.00	4.88%
Line No. 89	Service Replacement - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$1,797.00	\$1,884.00	4.84%
Line No. 90	Service Replacement - 2" PE Pipe	per service (ea)	\$3,040.00	\$3,185.00	4.77%
<b><u>PE Service Count: 21 - 50</u></b>					
Line No. 91	Service Replacement - < 3/4" PE Pipe	per service (ea)	\$1,277.00	\$1,337.00	4.70%
Line No. 92	Service Replacement - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$1,731.00	\$1,812.00	4.68%
Line No. 93	Service Replacement - 2" PE Pipe	per service (ea)	\$2,828.00	\$2,960.00	4.67%
<b><u>PE Service Count: 51 - 200</u></b>					
Line No. 94	Service Replacement - < 3/4" PE Pipe	per service (ea)	\$1,246.00	\$1,305.00	4.74%
Line No. 95	Service Replacement - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$1,696.00	\$1,775.00	4.66%
Line No. 96	Service Replacement - 2" PE Pipe	per service (ea)	\$2,742.00	\$2,870.00	4.67%
<b><u>PE Service Count: 200 - 400</u></b>					
Line No. 97	Service Replacement - < 3/4" PE Pipe	per service (ea)	\$1,216.00	\$1,272.00	4.61%
Line No. 98	Service Replacement - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$1,639.00	\$1,715.00	4.64%
Line No. 99	Service Replacement - 2" PE Pipe	per service (ea)	\$2,577.00	\$2,695.00	4.58%
<b><u>PE Service Count: 401 +</u></b>					
Line No. 100	Service Replacement - < 3/4" PE Pipe	per service (ea)	\$1,188.00	\$1,243.00	4.63%
Line No. 101	Service Replacement - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$1,585.00	\$1,658.00	4.61%
Line No. 102	Service Replacement - 2" PE Pipe	per service (ea)	\$2,432.00	\$2,545.00	4.65%
<b><u>PE Service Riser Replacement</u></b>					
Line No.103	Service Riser Replacement - < 3/4" PE Pipe	per service (ea)	\$248.00	\$260.00	4.84%
Line No.104	Service Riser Replacement - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$275.00	\$288.00	4.73%
Line No.105	Service Riser Replacement - 2" PE Pipe	per service (ea)	\$311.00	\$326.00	4.82%

POLYETHYLENE SERVICE INSTALLATION					
No.	Description	Unit	ARB Price	1st Renewal	% Increase
PE Service Count: < 20					
Line No. 106	Service Installation - < 3/4" PE Pipe	per service (ea)	\$1,285.00	\$1,345.00	4.67%
Line No. 107	Service Installation - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$1,762.00	\$1,845.00	4.71%
Line No. 108	Service Installation - 2" PE Pipe	per service (ea)	\$2,981.00	\$3,120.00	4.66%
PE Service Count: 20 - 50					
Line No. 109	Service Installation - < 3/4" PE Pipe	per service (ea)	\$1,252.00	\$1,310.00	4.63%
Line No. 110	Service Installation - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$1,697.00	\$1,775.00	4.60%
Line No. 111	Service Installation - 2" PE Pipe	per service (ea)	\$2,773.00	\$2,902.00	4.65%
PE Service Count: 51 - 200					
Line No. 112	Service Installation - < 3/4" PE Pipe	per service (ea)	\$1,221.00	\$1,278.00	4.67%
Line No. 113	Service Installation - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$1,663.00	\$1,740.00	4.63%
Line No. 114	Service Installation - 2" PE Pipe	per service (ea)	\$2,688.00	\$2,815.00	4.72%
PE Service Count: 200 - 400					
Line No. 115	Service Installation - < 3/4" PE Pipe	per service (ea)	\$1,192.00	\$1,247.00	4.61%
Line No. 116	Service Installation - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$1,606.00	\$1,680.00	4.61%
Line No. 117	Service Installation - 2" PE Pipe	per service (ea)	\$2,527.00	\$2,645.00	4.67%
PE Service Count: 401 +					
Line No. 118	Service Installation - < 3/4" PE Pipe	per service (ea)	\$1,164.00	\$1,220.00	4.81%
Line No. 119	Service Installation - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$1,554.00	\$1,625.00	4.57%
Line No. 120	Service Installation - 2" PE Pipe	per service (ea)	\$2,384.00	\$2,492.00	4.53%

**EXISTING SERVICE ABANDONMENT**

No.	Description	Unit	ARB Price	1st Renewal	% Increase
Line No. 121	Service Abandonment - < 3/4" PE Pipe	per service (ea)	\$2,498.00	\$2,610.00	4.48%
Line No. 122	Service Abandonment - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$2,717.00	\$2,840.00	4.53%
Line No. 123	Service Abandonment - 2" PE Pipe	per service (ea)	\$4,431.00	\$4,630.00	4.49%

Line Item No.	Description	Unit	ARB Price	1st Renewal	% Increase
Line No.124	Extra Depth Cover (per additional foot) > 5' deep include shoring	cubic yard (cy)	\$735.00	\$760.00	3.40%
Line No.125	Additional Excavation of Bell hole/Trench - Asphalt ≤ 5" thick	cubic yard (cy)	\$1,389.00	\$1,435.00	3.31%
Line No.126	Additional Excavation of Bell hole/Trench - PCC ≤ 4" thick	cubic yard (cy)	\$1,497.00	\$1,546.00	3.27%
Line No.127	Add on Charge for Additional Excavation - Asphalt > 5" thick	cubic yard (cy)	\$247.00	\$255.00	3.24%
Line No.128	Add on Charge for Additional Excavation - PCC > 4" thick	cubic yard (cy)	\$279.00	\$288.00	3.23%
Line No.129	1" SAV - Install, Tap, Stop & Complete	each (ea)	\$352.00	\$365.00	3.69%
Line No.130	2" SAV - Install, Tap, Stop & Complete	each (ea)	\$703.00	\$728.00	3.56%
Line No.131	2" Half Encirclement Pressure Control Fitting - Install, Tap, Stop & Complete	each (ea)	\$1,053.00	\$1,090.00	3.51%
Line No.132	3" Half Encirclement Pressure Control Fitting - Install, Tap, Stop & Complete	each (ea)	\$1,405.00	\$1,450.00	3.20%
Line No.133	4" Half Encirclement Pressure Control Fitting - Install, Tap, Stop & Complete	each (ea)	\$1,475.00	\$1,535.00	4.07%
Line No.134	2" Full Encirclement Pressure Control Fitting - Install only	each (ea)	\$871.00	\$906.00	4.02%
Line No.135	3" Full Encirclement Pressure Control Fitting - Install only	each (ea)	\$1,755.00	\$1,820.00	3.70%
Line No.136	4" Full Encirclement Pressure Control Fitting - Install only	each (ea)	\$2,106.00	\$2,185.00	3.75%
Line No.137	6" Full Encirclement Pressure Control Fitting - Install only	each (ea)	\$2,571.00	\$2,665.00	3.66%
Line No.138	8" Full Encirclement Pressure Control Fitting - Install only	each (ea)	\$2,785.00	\$2,885.00	3.59%
Line No.139	2" Full Encirclement Pressure Control Fitting - Tap, Stop, & Complete	each (ea)	\$1,291.00	\$1,335.00	3.41%

Line No.140	3" Full Encirclement Pressure Control Fitting - Tap, Stop, & Complete	each (ea)	\$3,121.00	\$3,240.00	3.81%
Line No.141	4" Full Encirclement Pressure Control Fitting - Tap, Stop, & Complete	each (ea)	\$4,253.00	\$4,385.00	3.10%
Line No.142	6" Full Encirclement Pressure Control Fitting - Tap, Stop, & Complete	each (ea)	\$5,506.00	\$5,735.00	4.16%
Line No.143	8" Full Encirclement Pressure Control Fitting - Tap, Stop, & Complete	each (ea)	\$6,664.00	\$6,935.00	4.07%
Line No.144	2" Tie-in Fitting(e.g. 45, 90 ell, reducer, TF, pup, etc.) - includes 1 weld	each (ea)	\$582.00	\$608.00	4.47%
Line No.145	3" Tie-in Fitting(e.g. 45, 90 ell, reducer, TF, pup, etc.) - includes 1 weld	each (ea)	\$873.00	\$912.00	4.47%
Line No.146	4" Tie-in Fitting(e.g. 45, 90 ell, reducer, TF, pup, etc) - includes 1 weld	each (ea)	\$1,164.00	\$1,215.00	4.38%
Line No.147	6" Tie-in Fitting(e.g. 45, 90 ell, reducer, TF, pup, etc) - includes 1 weld	each (ea)	\$1,420.00	\$1,480.00	4.23%
Line No.148	8" Tie-in Fitting(e.g. 45, 90 ell, reducer, TF, pup, etc) - includes 1 weld	each (ea)	\$1,615.00	\$1,685.00	4.33%
Line No.149	2" Tie-in Fitting(e.g. weld tee, pup, etc) - includes 2 welds	each (ea)	\$1,164.00	\$1,216.00	4.47%
Line No.150	3" Tie-in Fitting(e.g. weld tee, pup, etc) - includes 2 welds	each (ea)	\$1,746.00	\$1,820.00	4.24%
Line No.151	4" Tie-in Fitting(e.g. weld tee, pup, etc) - includes 2 welds	each (ea)	\$2,328.00	\$2,425.00	4.17%
Line No.152	6" Tie-in Fitting(e.g. weld tee, pup, etc) - includes 2 welds	each (ea)	\$2,839.00	\$2,960.00	4.26%
Line No.153	8" Tie-in Fitting(e.g. weld tee, pup, etc) - includes 2 welds	each (ea)	\$3,230.00	\$3,370.00	4.33%
Line No.154	1", 1 1/4", 2" PE Ball Valve Installation	each (ea)	\$391.00	\$405.00	3.58%
Line No.155	4" PE Ball Valve Installation	each (ea)	\$586.00	\$605.00	3.24%
Line No.156	6" PE Ball Valve Installation	each (ea)	\$956.00	\$995.00	4.08%

Line No.157	Locate Sewer Lateral	each (ea)	\$198.00	\$206.00	4.04%
Line No.158	Post inspection CCTV survey of sewer lateral	each (ea)	\$156.00	\$163.00	4.49%
Line No.159	Install Concrete Bollard	each (ea)	\$318.00	\$330.00	3.77%
Line No.160	Grind/Sink - 1" Steel Plate	square foot (sf)	\$13.00	\$13.60	4.62%
Line No.161	Repair of Traffic Signal Loops	each (ea)	\$518.00	\$540.00	4.25%
Line No.162	Installation of Electronic Test Station(ETS)	each (ea)	\$386.00	\$400.00	3.63%
Line No.163	Potholing - Vacuum Truck	each (ea)	\$330.00	\$345.00	4.55%
Line No.164	California Department of Transportation - Tandem Construction Permit	each (ea)	\$0.00		
Line No.165	Asbestos Removal/Abatement	per day	\$1,947.00	\$2,040.00	4.78%
Line No.166	1' x 3' pothole (5' depth)	each (ea)	\$695.00	\$725.00	4.32%
Line No.167	3' x 4' pothole (5' depth)	each (ea)	\$2,778.00	\$2,880.00	3.67%
Line No.168	Additional Mobilization	each (ea)	\$6,553.00	\$6,825.00	4.15%
Line No.169	Additional Demobilization	each (ea)	\$6,553.00	\$6,825.00	4.15%
Line No.170	Install/Replace 3/4" Service > 90'	each (ea)	\$13.10	\$13.75	4.96%
Line No.171	Install/Replace 1" and 1-1/4" Service > 90'	each (ea)	\$20.10	\$21.05	4.72%
Line No.172	Install/Replace 2" Service > 90'	each (ea)	\$39.35	\$41.20	4.70%