

OFFICE OF THE CITY ATTORNEY
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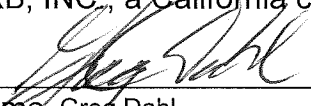
2. The Rates/Pricing attached to the Third Amendment as Exhibit "A-2" is hereby amended to include updated rates/pricing more particularly described in Exhibit "A-3", attached hereto and incorporated by this reference.

3. Except as expressly modified herein, all of the terms and conditions contained in Contract No. 34584 are ratified and confirmed and shall remain in full force and effect.

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

ARB, INC., a California corporation

January 08, 2020

By 
Name Greg Dahl
Title Vice President

_____, 2020

By _____
Name _____
Title _____

"Contractor"

CITY OF LONG BEACH, a municipal corporation

January 27, 2020

By 
City Manager

EXECUTED PURSUANT
TO SECTION 301 OF
THE CITY CHARTER

This Fourth Amendment to Contract No. 34584 is approved as to form on

January 16, 2020.

CHARLES PARKIN, City Attorney

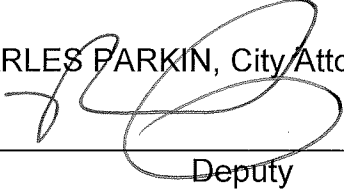
By 
Deputy

EXHIBIT "A-3"

PE MAIN REPLACEMENT (HDD)

Pavement Type: Asphalt - x ≤ 5" thick

No.	Description	Unit	Amendment 3 Rate	New Amendment 4 Rate	% Increase
Total Project Main Footage: 501' - 1,000'					
Line No. 1	Main Replacement - 2" PE Coil Pipe	linear foot (lf)	\$167.90	\$173.09	3.09%
Line No. 2	Main Replacement - 4" PE Stick Pipe (40' Sticks)	linear foot (lf)	\$207.61	\$214.03	3.09%
Line No. 3	Main Replacement - 6" PE Stick Pipe (40' Sticks)	linear foot (lf)	\$279.10	\$287.73	3.09%
Line No. 4	Main Replacement - 8" PE Stick Pipe (40' Sticks)	linear foot (lf)	\$308.28	\$317.81	3.09%
Total Project Main Footage: 1,001' - 5,000'					
Line No. 5	Main Replacement - 2" PE Coil Pipe	linear foot (lf)	\$108.66	\$112.02	3.09%
Line No. 6	Main Replacement - 4" PE Stick Pipe	linear foot (lf)	\$124.65	\$128.50	3.09%
Line No. 7	Main Replacement - 6" PE Stick Pipe	linear foot (lf)	\$167.12	\$172.28	3.09%
Line No. 8	Main Replacement - 8" PE Stick Pipe	linear foot (lf)	\$192.97	\$198.94	3.09%
Total Project Main Footage: 5,001' - 10,000'					
Line No. 9	Main Replacement - 2" PE Coil Pipe	linear foot (lf)	\$84.05	\$86.65	3.09%
Line No. 10	Main Replacement - 4" PE Stick Pipe	linear foot (lf)	\$92.62	\$95.48	3.09%
Line No. 11	Main Replacement - 6" PE Stick Pipe	linear foot (lf)	\$127.09	\$131.02	3.09%
Line No. 12	Main Replacement - 8" PE Stick Pipe	linear foot (lf)	\$153.41	\$158.15	3.09%
Total Project Main Footage: 10,001' +					
Line No. 13	Main Replacement - 2" PE Coil Pipe	linear foot (lf)	\$81.20	\$83.71	3.09%
Line No. 14	Main Replacement - 4" PE Stick Pipe	linear foot (lf)	\$89.56	\$92.32	3.09%
Line No. 15	Main Replacement - 6" PE Stick Pipe	linear foot (lf)	\$122.37	\$126.15	3.09%
Line No. 16	Main Replacement - 8" PE Stick Pipe	linear foot (lf)	\$146.82	\$151.36	3.09%
Add-On Charges					
Line No. 17	Extra Asphalt Pavement thickness (per 2" increment) for x > 5" (501' - 1,000')	square foot (sf)	\$9.34	\$9.63	3.09%
Line No. 18	Extra Asphalt Pavement thickness (per 2" increment) for x > 5" (1,000' +)	square foot (sf)	\$9.09	\$9.37	3.09%

PE MAIN REPLACEMENT (HDD)

Pavement Type: PCC - x ≤ 4" thick

No.	Description	Unit	Amendment 3 Rate	New Amendment 4 Rate	% Increase
Total Project Main Footage: 501' - 1,000'					
Line No. 19	Main Replacement - 2" PE Coil Pipe	linear foot (lf)	\$173.61	\$178.97	3.09%
Line No. 20	Main Replacement - 4" PE Stick Pipe	linear foot (lf)	\$214.67	\$221.31	3.09%
Line No. 21	Main Replacement - 6" PE Stick Pipe	linear foot (lf)	\$288.66	\$297.58	3.09%
Line No. 22	Main Replacement - 8" PE Stick Pipe	linear foot (lf)	\$318.56	\$328.40	3.09%
Total Project Main Footage: 1,001' - 5,000'					
Line No. 23	Main Replacement - 2" PE Coil Pipe	linear foot (lf)	\$111.46	\$114.91	3.09%
Line No. 24	Main Replacement - 4" PE Stick Pipe	linear foot (lf)	\$127.87	\$131.82	3.09%
Line No. 25	Main Replacement - 6" PE Stick Pipe	linear foot (lf)	\$171.32	\$176.62	3.09%
Line No. 26	Main Replacement - 8" PE Stick Pipe	linear foot (lf)	\$197.80	\$203.91	3.09%
Total Project Main Footage: 5,001' - 10,000'					
Line No. 27	Main Replacement - 2" PE Coil Pipe	linear foot (lf)	\$86.18	\$88.84	3.09%
Line No. 28	Main Replacement - 4" PE Stick Pipe	linear foot (lf)	\$95.01	\$97.94	3.09%
Line No. 29	Main Replacement - 6" PE Stick Pipe	linear foot (lf)	\$130.31	\$134.34	3.09%
Line No. 30	Main Replacement - 8" PE Stick Pipe	linear foot (lf)	\$157.31	\$162.17	3.09%
Total Project Main Footage: 10,001' +					
Line No. 31	Main Replacement - 2" PE Coil Pipe	linear foot (lf)	\$83.33	\$85.90	3.09%
Line No. 32	Main Replacement - 4" PE Stick Pipe	linear foot (lf)	\$91.89	\$94.73	3.09%
Line No. 33	Main Replacement - 6" PE Stick Pipe	linear foot (lf)	\$125.64	\$129.52	3.09%
Line No. 34	Main Replacement - 8" PE Stick Pipe	linear foot (lf)	\$150.77	\$155.42	3.09%
Add-On Charges					
Line No. 35	Extra PCC Pavement thickness (per 2" increment) for x > 4" (501' - 1000')	square foot (sf)	\$10.59	\$10.92	3.09%
Line No. 36	Extra PCC Pavement thickness (per 2" increment) for x > 4" (1000' +)	square foot (sf)	\$10.38	\$10.70	3.09%

PE MAIN INSTALLATION (HDD)

Pavement Type: Asphalt - x ≤ 5" thick

No.	Description	Unit	Amendment 3 Rate	New Amendment 4 Rate	% Increase
Total Project Main Footage: 501' - 1,000'					
Line No. 37	Main Installation - 2" PE Coil Pipe	linear foot (lf)	\$163.95	\$169.02	3.09%
Line No. 38	Main Installation - 4" PE Stick Pipe (40' Sticks)	linear foot (lf)	\$203.05	\$209.32	3.09%
Line No. 39	Main Installation - 6" PE Stick Pipe (40' Sticks)	linear foot (lf)	\$256.57	\$264.50	3.09%
Line No. 40	Main Installation - 8" PE Stick Pipe (40' Sticks)	linear foot (lf)	\$283.41	\$292.17	3.09%
Total Project Main Footage: 1,001' - 5,000'					
Line No. 41	Main Installation - 2" PE Coil Pipe	linear foot (lf)	\$102.64	\$105.81	3.09%
Line No. 42	Main Installation - 4" PE Stick Pipe	linear foot (lf)	\$117.44	\$121.06	3.09%
Line No. 43	Main Installation - 6" PE Stick Pipe	linear foot (lf)	\$157.77	\$162.65	3.09%
Line No. 44	Main Installation - 8" PE Stick Pipe	linear foot (lf)	\$183.68	\$189.36	3.09%
Total Project Main Footage: 5,001' - 10,000'					
Line No. 45	Main Installation - 2" PE Coil Pipe	linear foot (lf)	\$79.17	\$81.62	3.09%
Line No. 46	Main Installation - 4" PE Stick Pipe	linear foot (lf)	\$86.75	\$89.43	3.09%
Line No. 47	Main Installation - 6" PE Stick Pipe	linear foot (lf)	\$122.37	\$126.15	3.09%
Line No. 48	Main Installation - 8" PE Stick Pipe	linear foot (lf)	\$148.22	\$152.80	3.09%
Total Project Main Footage: 10,001' +					
Line No. 49	Main Installation - 2" PE Coil Pipe	linear foot (lf)	\$75.33	\$77.66	3.09%
Line No. 50	Main Installation - 4" PE Stick Pipe	linear foot (lf)	\$82.65	\$85.20	3.09%
Line No. 51	Main Installation - 6" PE Stick Pipe	linear foot (lf)	\$117.75	\$121.38	3.09%
Line No. 52	Main Installation - 8" PE Stick Pipe	linear foot (lf)	\$141.78	\$146.17	3.09%
Add-On Charges					
Line No. 53	Extra Asphalt Pavement thickness (per 2" increment) for x > 5" (501' - 1,000')	square foot (sf)	\$9.34	\$9.63	3.09%
Line No. 54	Extra Asphalt Pavement thickness (per 2" increment) for x > 5" (1,000' +)	square foot (sf)	\$9.09	\$9.37	3.09%

PE MAIN INSTALLATION (HDD)

Pavement Type: PCC - x ≤ 4" thick

No.	Description	Unit	Amendment 3 Rate	New Amendment 4 Rate	% Increase
Total Project Main Footage: 501' - 1,000'					
Line No. 55	Main Installation - 2" PE Coil Pipe	linear foot (lf)	\$169.51	\$174.75	3.09%
Line No. 56	Main Installation - 4" PE Stick Pipe (40' Sticks)	linear foot (lf)	\$209.85	\$216.33	3.09%
Line No. 57	Main Installation - 6" PE Stick Pipe (40' Sticks)	linear foot (lf)	\$265.03	\$273.22	3.09%
Line No. 58	Main Installation - 8" PE Stick Pipe (40' Sticks)	linear foot (lf)	\$292.76	\$301.80	3.09%
Total Project Main Footage: 1,001' - 5,000'					
Line No. 59	Main Installation - 2" PE Coil Pipe	linear foot (lf)	\$105.44	\$108.70	3.09%
Line No. 60	Main Installation - 4" PE Stick Pipe	linear foot (lf)	\$120.55	\$124.28	3.09%
Line No. 61	Main Installation - 6" PE Stick Pipe	linear foot (lf)	\$161.98	\$166.98	3.09%
Line No. 62	Main Installation - 8" PE Stick Pipe	linear foot (lf)	\$188.56	\$194.39	3.09%
Total Project Main Footage: 5,001' - 10,000'					
Line No. 63	Main Installation - 2" PE Coil Pipe	linear foot (lf)	\$81.30	\$83.81	3.09%
Line No. 64	Main Installation - 4" PE Stick Pipe	linear foot (lf)	\$89.04	\$91.79	3.09%
Line No. 65	Main Installation - 6" PE Stick Pipe	linear foot (lf)	\$125.64	\$129.52	3.09%
Line No. 66	Main Installation - 8" PE Stick Pipe	linear foot (lf)	\$152.27	\$156.98	3.09%
Total Project Main Footage: 10,001' +					
Line No. 67	Main Installation - 2" PE Coil Pipe	linear foot (lf)	\$77.36	\$79.75	3.09%
Line No. 68	Main Installation - 4" PE Stick Pipe	linear foot (lf)	\$84.88	\$87.51	3.09%
Line No. 69	Main Installation - 6" PE Stick Pipe	linear foot (lf)	\$120.81	\$124.54	3.09%
Line No. 70	Main Installation - 8" PE Stick Pipe	linear foot (lf)	\$145.52	\$150.02	3.09%
Add-On Charges					
Line No. 71	Extra PCC Pavement thickness (per 2" increment) for x > 4" (501' - 1,000')	square foot (sf)	\$10.59	\$10.92	3.09%
Line No. 72	Extra PCC Pavement thickness (per 2" increment) for x > 4" (1,000' +)	square foot (sf)	\$10.38	\$10.70	3.09%

Line No.	Description	Unit	ARB Price	WO 16-0020	WO 17-0018
EXISTING MAIN ABANDONMENT					
Pavement Type: Asphalt - x ≤ 5" thick					
			Amendment	New Amendment 4	
No.	Description	Unit	3 Rate	Rate	% Increase
Total Project Abandonment Footage: 501' - 1000'					
Line No. 73	Main Abandonment - Pipe Diameter ≤ 4"	linear foot (lf)	\$16.67	\$17.18	3.09%
Line No. 74	Main Abandonment - Pipe Diameter ≥ 6"	linear foot (lf)	\$29.59	\$30.51	3.09%
Total Project Abandonment Footage: 1001' +					
Line No. 75	Main Abandonment - Pipe Diameter ≤ 4"	linear foot (lf)	\$13.19	\$13.59	3.09%
Line No. 76	Main Abandonment - Pipe Diameter ≥ 6"	linear foot (lf)	\$8.46	\$8.72	3.09%
Add-On Charges					
Line No. 77	Extra Asphalt Pavement thickness (per 2" increment) for x > 5" (501' - 1000')	square foot (sf)	\$9.34	\$9.63	3.09%
Line No. 78	Extra Asphalt Pavement thickness (per 2" increment) for x > 5" (1001' +)	square foot (sf)	\$9.09	\$9.37	3.09%

EXISTING MAIN ABANDONMENT

Pavement Type: PCC - x ≤ 4" thick

No.	Description	Unit	Amendment 3 Rate	New Amendment 4 Rate	% Increase
Total Project Abandonment Footage: 501' - 1000'					
Line No. 79	Main Abandonment - Pipe Diameter ≤ 4"	linear foot (lf)	\$17.29	\$17.82	3.09%
Line No. 80	Main Abandonment - Pipe Diameter ≥ 6"	linear foot (lf)	\$30.32	\$31.26	3.09%
Total Project Abandonment Footage: 1001' +					
Line No. 81	Main Abandonment - Pipe Diameter ≤ 4"	linear foot (lf)	\$13.65	\$14.08	3.09%
Line No. 82	Main Abandonment - Pipe Diameter ≥ 6"	linear foot (lf)	\$8.72	\$8.99	3.09%
Add-On Charges					
Line No. 83	Extra PCC Pavement thickness (per 2" increment) for x > 4" (501' - 1000')	square foot (sf)	\$10.59	\$10.92	3.09%
Line No. 84	Extra PCC Pavement thickness (per 2" increment) for x > 4" (1001' +)	square foot (sf)	\$10.38	\$10.70	3.09%

POLYETHYLENE SERVICE REPLACEMENT

No.	Description	Unit	Amendment 3 Rate	New Amendment 4 Rate	% Increase
<u>PE Service Tie-over</u>					
Line No. 85	Service Tie-over - < 3/4" PE Pipe	per service (ea)	\$1,201.35	\$1,238.47	3.09%
Line No. 86	Service Tie-over - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$1,317.64	\$1,358.36	3.09%
Line No. 87	Service Tie-over - 2" PE Pipe	per service (ea)	\$2,249.02	\$2,318.52	3.09%
<u>PE Service Count: < 20</u>					
Line No. 88	Service Replacement - < 3/4" PE Pipe	per service (ea)	\$1,427.70	\$1,471.82	3.09%
Line No. 89	Service Replacement - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$1,956.21	\$2,016.66	3.09%
Line No. 90	Service Replacement - 2" PE Pipe	per service (ea)	\$3,307.08	\$3,409.27	3.09%
<u>PE Service Count: 21 - 50</u>					
Line No. 91	Service Replacement - < 3/4" PE Pipe	per service (ea)	\$1,388.25	\$1,431.14	3.09%
Line No. 92	Service Replacement - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$1,881.45	\$1,939.59	3.09%
Line No. 93	Service Replacement - 2" PE Pipe	per service (ea)	\$3,073.46	\$3,168.43	3.09%
<u>PE Service Count: 51 - 200</u>					
Line No. 94	Service Replacement - < 3/4" PE Pipe	per service (ea)	\$1,355.02	\$1,396.89	3.09%
Line No. 95	Service Replacement - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$1,843.04	\$1,899.99	3.09%
Line No. 96	Service Replacement - 2" PE Pipe	per service (ea)	\$2,980.01	\$3,072.09	3.09%
<u>PE Service Count: 200 - 400</u>					
Line No. 97	Service Replacement - < 3/4" PE Pipe	per service (ea)	\$1,320.76	\$1,361.57	3.09%
Line No. 98	Service Replacement - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$1,780.74	\$1,835.76	3.09%
Line No. 99	Service Replacement - 2" PE Pipe	per service (ea)	\$2,798.30	\$2,884.77	3.09%
<u>PE Service Count: 401 +</u>					
Line No. 100	Service Replacement - < 3/4" PE Pipe	per service (ea)	\$1,290.64	\$1,330.53	3.09%
Line No. 101	Service Replacement - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$1,721.55	\$1,774.75	3.09%
Line No. 102	Service Replacement - 2" PE Pipe	per service (ea)	\$2,642.55	\$2,724.20	3.09%
<u>PE Service Riser Replacement</u>					
Line No.103	Service Riser Replacement - < 3/4" PE Pipe	per service (ea)	\$269.97	\$278.31	3.09%
Line No.104	Service Riser Replacement - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$299.04	\$308.28	3.09%
Line No.105	Service Riser Replacement - 2" PE Pipe	per service (ea)	\$338.50	\$348.96	3.09%

POLYETHYLENE SERVICE INSTALLATION

No.	Description	Unit	Amendment 3 Rate	New Amendment 4 Rate	% Increase
<u>PE Service Count: < 20</u>					
Line No. 106	Service Installation - < 3/4" PE Pipe	per service (ea)	\$1,396.55	\$1,439.71	3.09%
Line No. 107	Service Installation - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$1,915.72	\$1,974.91	3.09%
Line No. 108	Service Installation - 2" PE Pipe	per service (ea)	\$3,239.59	\$3,339.69	3.09%
<u>PE Service Count: 20 - 50</u>					
Line No. 109	Service Installation - < 3/4" PE Pipe	per service (ea)	\$1,360.21	\$1,402.24	3.09%
Line No. 110	Service Installation - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$1,843.04	\$1,899.99	3.09%
Line No. 111	Service Installation - 2" PE Pipe	per service (ea)	\$3,013.23	\$3,106.34	3.09%
<u>PE Service Count: 51 - 200</u>					
Line No. 112	Service Installation - < 3/4" PE Pipe	per service (ea)	\$1,326.99	\$1,367.99	3.09%
Line No. 113	Service Installation - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$1,806.69	\$1,862.52	3.09%
Line No. 114	Service Installation - 2" PE Pipe	per service (ea)	\$2,922.90	\$3,013.22	3.09%
<u>PE Service Count: 200 - 400</u>					
Line No. 115	Service Installation - < 3/4" PE Pipe	per service (ea)	\$1,294.80	\$1,334.81	3.09%
Line No. 116	Service Installation - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$1,744.39	\$1,798.30	3.09%
Line No. 117	Service Installation - 2" PE Pipe	per service (ea)	\$2,746.38	\$2,831.25	3.09%
<u>PE Service Count: 401 +</u>					
Line No. 118	Service Installation - < 3/4" PE Pipe	per service (ea)	\$1,266.76	\$1,305.91	3.09%
Line No. 119	Service Installation - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$1,687.29	\$1,739.42	3.09%
Line No. 120	Service Installation - 2" PE Pipe	per service (ea)	\$2,587.52	\$2,667.47	3.09%

EXISTING SERVICE ABANDONMENT

No.	Description	Unit	Amendment 3 Rate	New Amendment 4 Rate	% Increase
Line No. 121	Service Abandonment - < 3/4" PE Pipe	per service (ea)	\$2,710.04	\$2,793.78	3.09%
Line No. 122	Service Abandonment - 3/4", 1", 1 1/4" PE Pipe	per service (ea)	\$2,948.86	\$3,039.98	3.09%
Line No. 123	Service Abandonment - 2" PE Pipe	per service (ea)	\$4,807.47	\$4,956.02	3.09%

MISC. ITEMS					
Line Item No.	Description	Unit	Amendment 3 Rate	New Amendment 4 Rate	% Increase
Line No.124	Extra Depth Cover (per additional foot) > 5' deep include shoring	cubic yard (cy)	\$789.13	\$813.51	3.09%
Line No.125	Additional Excavation of Bell hole/Trench - Asphalt ≤ 5" thick	cubic yard (cy)	\$1,490.00	\$1,536.04	3.09%
Line No.126	Additional Excavation of Bell hole/Trench - PCC ≤ 4" thick	cubic yard (cy)	\$1,605.26	\$1,654.86	3.09%
Line No.127	Add on Charge for Additional Excavation - Asphalt > 5" thick	cubic yard (cy)	\$264.77	\$272.96	3.09%
Line No.128	Add on Charge for Additional Excavation - PCC > 4" thick	cubic yard (cy)	\$299.04	\$308.28	3.09%
Line No.129	1" SAV - Install, Tap, Stop & Complete	each (ea)	\$378.99	\$390.70	3.09%
Line No.130	2" SAV - Install, Tap, Stop & Complete	each (ea)	\$755.90	\$779.26	3.09%
Line No.131	2" Half Encirclement Pressure Control Fitting - Install, Tap, Stop & Complete	each (ea)	\$1,131.78	\$1,166.75	3.09%
Line No.132	3" Half Encirclement Pressure Control Fitting - Install, Tap, Stop & Complete	each (ea)	\$1,505.58	\$1,552.10	3.09%
Line No.133	4" Half Encirclement Pressure Control Fitting - Install, Tap, Stop & Complete	each (ea)	\$1,593.84	\$1,643.09	3.09%
Line No.134	2" Full Encirclement Pressure Control Fitting - Install only	each (ea)	\$940.73	\$969.80	3.09%
Line No.135	3" Full Encirclement Pressure Control Fitting - Install only	each (ea)	\$1,889.76	\$1,948.15	3.09%
Line No.136	4" Full Encirclement Pressure Control Fitting - Install only	each (ea)	\$2,268.75	\$2,338.86	3.09%
Line No.137	6" Full Encirclement Pressure Control Fitting - Install only	each (ea)	\$2,767.15	\$2,852.65	3.09%
Line No.138	8" Full Encirclement Pressure Control Fitting - Install only	each (ea)	\$2,995.58	\$3,088.15	3.09%
Line No.139	2" Full Encirclement Pressure Control Fitting - Tap, Stop, & Complete	each (ea)	\$1,386.17	\$1,429.00	3.09%
Line No.140	3" Full Encirclement Pressure Control Fitting - Tap, Stop, & Complete	each (ea)	\$3,364.19	\$3,468.14	3.09%
Line No.141	4" Full Encirclement Pressure Control Fitting - Tap, Stop, & Complete	each (ea)	\$4,553.08	\$4,693.77	3.09%
Line No.142	6" Full Encirclement Pressure Control Fitting - Tap, Stop, & Complete	each (ea)	\$5,954.82	\$6,138.83	3.09%
Line No.143	8" Full Encirclement Pressure Control Fitting - Tap, Stop, & Complete	each (ea)	\$7,200.82	\$7,423.32	3.09%
Line No.144	2" Tie-in Fitting(e.g. 45, 90 ell, reducer, TF, pup, etc.) - includes 1 weld	each (ea)	\$631.30	\$650.81	3.09%
Line No.145	3" Tie-in Fitting(e.g. 45, 90 ell, reducer, TF, pup, etc.) - includes 1 weld	each (ea)	\$946.96	\$976.22	3.09%
Line No.146	4" Tie-in Fitting(e.g. 45, 90 ell, reducer, TF, pup, etc.) - includes 1 weld	each (ea)	\$1,261.57	\$1,300.55	3.09%
Line No.147	6" Tie-in Fitting(e.g. 45, 90 ell, reducer, TF, pup, etc.) - includes 1 weld	each (ea)	\$1,536.73	\$1,584.21	3.09%
Line No.148	8" Tie-in Fitting(e.g. 45, 90 ell, reducer, TF, pup, etc.) - includes 1 weld	each (ea)	\$1,749.59	\$1,803.65	3.09%
Line No.149	2" Tie-in Fitting(e.g. weld tee, pup, etc) - includes 2 welds	each (ea)	\$1,262.61	\$1,301.62	3.09%
Line No.150	3" Tie-in Fitting(e.g. weld tee, pup, etc) - includes 2 welds	each (ea)	\$1,889.76	\$1,948.15	3.09%
Line No.151	4" Tie-in Fitting(e.g. weld tee, pup, etc) - includes 2 welds	each (ea)	\$2,517.95	\$2,595.75	3.09%
Line No.152	6" Tie-in Fitting(e.g. weld tee, pup, etc) - includes 2 welds	each (ea)	\$3,073.46	\$3,168.43	3.09%

MISC. ITEMS					
Line Item No.	Description	Unit	Amendment 3 Rate	New Amendment 4 Rate	% Increase
Line No.153	8" Tie-in Fitting(e.g. weld tee, pup, etc) - includes 2 welds	each (ea)	\$3,499.17	\$3,607.30	3.09%
Line No.154	1", 1 1/4", 2" PE Ball Valve Installation	each (ea)	\$420.52	\$433.52	3.09%
Line No.155	4" PE Ball Valve Installation	each (ea)	\$628.19	\$647.60	3.09%
Line No.156	6" PE Ball Valve Installation	each (ea)	\$1,033.14	\$1,065.06	3.09%
Line No.157	Locate Sewer Lateral	each (ea)	\$213.90	\$220.51	3.09%
Line No.158	Post inspection CCTV survey of sewer lateral	each (ea)	\$169.25	\$174.48	3.09%
Line No.159	Install Concrete Bollard	each (ea)	\$342.65	\$353.24	3.09%
Line No.160	Grind/Sink - 1" Steel Plate	square foot (sf)	\$14.12	\$14.56	3.09%
Line No.161	Repair of Traffic Signal Loops	each (ea)	\$560.70	\$578.02	3.09%
Line No.162	Installation of Electronic Test Station(ETS)	each (ea)	\$415.33	\$428.17	3.09%
Line No.163	Potholing - Vacuum Truck	each (ea)	\$358.22	\$369.29	3.09%
Line No.164	California Department of Transportation - Tandem Construction Permit	each (ea)	Permit Cost + 15%		3.09%
Line No.165	Asbestos Removal/Abatement	per day	\$2,118.19	\$2,183.65	3.09%
Line No.166	1' x 3' pothole (5' depth)	each (ea)	\$752.79	\$776.05	3.09%
Line No.167	3' x 4' pothole (5' depth)	each (ea)	\$2,990.39	\$3,082.79	3.09%
Line No.168	Additional Mobilization	each (ea)	\$7,086.60	\$7,305.58	3.09%
Line No.169	Additional Demobilization	each (ea)	\$7,086.60	\$7,305.58	3.09%
Line No.170	Install/Replace 3/4" Service > 90'	each (ea)	\$14.28	\$14.72	3.09%
Line No.171	Install/Replace 1" and 1-1/4" Service > 90'	each (ea)	\$21.86	\$22.53	3.09%
Line No.172	Install /Replace 2" Service > 90'	each (ea)	\$42.78	\$44.10	3.09%

Long Beach Gas & Oil - ARB Hourly Labor Rate Sheet

G-332 Plastic Contract # 34584

	Straight Time			Overtime			Premium Time		
	Amendment 3 Rate	New Amendment 4 Rate	% Increase	Amendment 3 Rate	New Amendment 4 Rate	% Increase	Amendment 3 Rate	New Amendment 4 Rate	% Increase
Project Management									
Superintendent	\$160.70	\$165.67	3.09%	\$222.67	\$229.55	3.09%	\$284.65	\$293.44	3.09%
U.A. Pipefitters/Welders									
General Foreman	\$157.95	\$162.83	3.09%	\$219.77	\$226.56	3.09%	\$281.60	\$290.30	3.09%
Metal Trades Helper (Shortline Agreement)	\$73.83	\$76.11	3.09%	\$96.48	\$99.46	3.09%	\$119.15	\$122.83	3.09%
Distribution Foreman (Plumber)	\$122.33	\$122.33	3.09%	\$168.38	\$168.38	3.09%	\$211.45	\$217.98	3.09%
Journeyman Welder (Shortline Agreement)	\$124.53	\$128.37	3.09%	\$169.65	\$174.90	3.09%	\$214.77	\$221.40	3.09%
Welder Foreman (Shortline Agreement)	\$132.24	\$136.33	3.09%	\$180.93	\$186.52	3.09%	\$229.63	\$236.72	3.09%
Laborers									
Lead Foreman	\$120.79	\$124.52	3.09%	\$166.69	\$171.84	3.09%	\$212.60	\$219.17	3.09%
Foreman	\$102.20	\$105.36	3.09%	\$138.81	\$143.10	3.09%	\$175.43	\$180.85	3.09%
1st Period Apprentice	\$51.64	\$53.23	3.09%	\$69.46	\$71.61	3.09%	\$87.30	\$90.00	3.09%
3rd Period Apprentice	\$61.06	\$62.95	3.09%	\$83.61	\$86.19	3.09%	\$106.15	\$109.43	3.09%
Group 1 (General, Flagman)	\$92.62	\$95.48	3.09%	\$124.08	\$127.91	3.09%	\$155.54	\$160.35	3.09%
Group III (Wrapper, PTO)	\$93.37	\$96.25	3.09%	\$125.55	\$129.43	3.09%	\$157.74	\$162.62	3.09%
Group IV (Cribber/Shorer, Pipelayer)	\$96.27	\$99.25	3.09%	\$129.92	\$133.93	3.09%	\$163.56	\$168.61	3.09%
Group V	\$96.93	\$99.92	3.09%	\$130.90	\$134.95	3.09%	\$164.88	\$169.97	3.09%
Teamsters									
Lead Foreman	\$129.64	\$133.64	3.09%	\$175.54	\$180.96	3.09%	\$221.44	\$228.29	3.09%
Foreman	\$97.14	\$100.14	3.09%	\$126.79	\$130.71	3.09%	\$156.45	\$161.28	3.09%
Working Truck Driver	\$94.32	\$97.24	3.09%	\$122.57	\$126.36	3.09%	\$150.82	\$155.48	3.09%
Semi/Lowbed Driver	\$96.25	\$99.23	3.09%	\$125.47	\$129.35	3.09%	\$154.68	\$159.46	3.09%
Operating Engineers									
Foreman	\$125.04	\$128.90	3.09%	\$170.18	\$175.44	3.09%	\$215.33	\$221.98	3.09%
Apprentice - Step 1 (0 - 1,000 Hours)	\$76.97	\$79.35	3.09%	\$103.53	\$106.73	3.09%	\$130.09	\$134.11	3.09%
Apprentice - Step 2 (1,001 - 2,000 Hours)	\$81.40	\$83.92	3.09%	\$110.17	\$113.57	3.09%	\$138.95	\$143.24	3.09%
Apprentice - Step 3 (2,001 - 3,000 Hours)	\$97.89	\$100.91	3.09%	\$128.88	\$132.86	3.09%	\$159.87	\$164.81	3.09%
Apprentice - Step 4 (3,001 - 4,000 Hours)	\$102.32	\$105.48	3.09%	\$135.52	\$139.71	3.09%	\$168.73	\$173.94	3.09%
Apprentice - Step 5 (4,001 - 5,000 Hours)	\$106.75	\$110.05	3.09%	\$142.16	\$146.55	3.09%	\$177.58	\$183.07	3.09%
Apprentice - Step 6 (5,001 - 6,000 Hours)	\$115.60	\$119.17	3.09%	\$155.45	\$160.25	3.09%	\$195.30	\$201.33	3.09%
Oiler (Group II)	\$117.44	\$121.06	3.09%	\$158.79	\$163.70	3.09%	\$200.15	\$206.33	3.09%
Universal	\$122.34	\$126.12	3.09%	\$164.64	\$169.72	3.09%	\$207.94	\$214.36	3.09%
Heavy Duty Mechanic	\$121.56	\$125.31	3.09%	\$164.97	\$170.07	3.09%	\$208.38	\$214.82	3.09%

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.



CITY OF LONG BEACH EQUIPMENT HOURLY RATES (EFFECTIVE 02/15/20)

ARB, INC. EQUIPMENT HOURLY RATES

EQUIPMENT	Rates		Rates		Rates		Rates		Rates		Rates		Increase	Rates			
	Original	New	Original	New	Original	New	Original	New	Original	New	Original	New		Original	New		
TRACTORS																	
CAT DOZER D4	63.86	66.83	308.38	317.91	231.29	238.43			TRASH PUMP 1 1/2-3"	13.50	13.92			MISCELLANEOUS (CONT.)	28.03	28.90	
CAT DOZER D6	71.64	73.86	385.48	397.39	TBD		HYDRAULIC WINCH 40TON			TRASH PUMP 4"	15.57	16.06			HYTORCRAD TORQUE	22.58	23.28
CAT DOZER D6	79.96	82.42	32.46	33.45			SPECIALTY WINCH PIPE PULLING			TRASH PUMP 6"	18.95	19.54			EMULSION SPRAYER	42.83	44.15
CAT DOZER D7	194.19	198.96	53.99	55.66			TRENCHERS (EXCLUDES TEETH)			TRASH PUMP 8"	27.52	28.37			WATCH SAW (EXCLUDES BLADES)	6.49	6.69
CAT DOZER D8	203.25	209.63	50.62	52.18			CLEVELAND J36	79.95	82.42	TRASH PUMP 10"	40.75	42.01			PIPE ROLLER UP TO 20"	12.72	13.11
CAT DOZER D8 WRIPPER	227.13	234.15	63.06	65.03			VERMEER V8550	87.74	90.45	TEST PUMP 4GPM	25.44	26.23			PIPE ROLLER UP TO 48"	9.86	10.17
CAT DOZER D8 LGP	112.14	115.60	84.88	87.51			JETCO 780HD	289.32	287.34	TEST PUMP 8GPM	42.05	43.35			THREADING MACHINE 2"	16.06	16.06
CAT MOTOR GRADER 120G	75.80	78.14	63.08	65.03			VERMEER 788	386.48	397.39	TEST PUMP 25-100GPM COMBO	63.08	65.03			THREADING MACHINE 4"	20.51	21.14
CAT MOTOR GRADER 140G	100.46	103.56	77.10	79.48			TRENORC 1360	630.79	650.28	TEST PUMP 160GPM	91.11	93.93			TAPPING TOOL 1/2-2"	36.68	38.87
CAT MOTOR GRADER 18G	169.77	175.01	TBD				CAPITAL 1060	963.83	993.61	FILL TEST PUMP TRAILER COMBO COMPL	322.40	332.36			TAPPING TOOL 3-12"	10.64	10.97
TACK TRACTOR	131.09	135.14	TBD				SPECIALTY TRENCHER							LOWERING IN CRADLE UP TO 20"	30.89	31.84	
TIMCO MAT HANDLER	133.17	137.28	TBD				COMPACTOR							HEATED EPOXY SPRAY RIG	42.05	43.35	
SKIDDER	53.47	55.13	69.57	71.72			RAMMER COMPACTOR	11.94	12.31	CONCRETE					SPECIALTY TOOLING	TBD	
MAROOKA 800	63.66	65.83	93.97	96.87			VIBRATORY SHEEPS FOOT	19.73	20.34	CONCRETE VIBRATOR	3.63	3.75			AUTOS & TRUCKS		
MAROOKA 2200	67.49	69.58	100.46	103.56			SHEEP'S FOOT 24-33" MANUAUREMOTE	53.47	55.13	CONCRETE BUCKET 1/2-1YD	5.71	5.89			AUTO 1/2-3/4 TON PICKUP *	21.03	21.68
FARM TRACTOR 25HP & UNDER	15.57	16.06	115.77	119.35			VIBRATORY PLATE (BACKHOE)	23.36	24.08	CEMENT OR PLASTER MIXER	8.57	8.88			1 TON FLATBED TRUCK *	28.81	29.70
FARM TRACTOR 60HP	37.90	39.07	155.75	160.58			VIBRATORY PLATE (EXCAVATOR)	32.97	33.99	CEMENT OR TROWEL	21.80	22.48			1 TON SERVICE/UTILITY TRUCK *	28.81	29.70
FARM TRACTOR 100HP	42.83	44.15	37.90	39.07			ROLLER SMOOTH DRUM 2TON TAILGATE	44.91	46.30	RIDE ON TROWEL	28.03	28.90			VAN *	28.81	29.70
SPECIALTY TRACTOR	TBD		35.04	36.13			AC ROLLER 3-5 TON	55.55	57.27	CONCRETE SAW 10HP & - (EXCL BLADES)	42.83	44.15			CAMERA VAN E260 *	28.81	29.70
PIPELAYERS			49.06	50.58			AC ROLLER 5-5 TON	55.55	57.27	CONCRETE SAW 20HP & > (EXCL BLADES)	64.64	66.63			CAMERA VAN E350 *	140.17	144.51
CAT SIDEROOM DOZER D3JD7	50.62	52.18	28.03	28.90			HYDRA HAMMER	49.06	50.58	CONCRETE SAW 65HP (EXCL BLADES)	NA				2 TON FLATBED TRUCK	36.60	37.73
CAT D4C65E 450 SIDEROOM	63.66	65.83	81.78	83.69			SPECIALTY COMPACTOR	TBD		WELDING					2 TON FLATBED DUMP TRUCK	36.60	37.73
CAT PIPELAYER 561	66.71	68.77	TBD				FORKLIFT UP TO 8,000LB	18.95	19.54	WIRE FEED ATTACHMENT	2.34	2.41			2 TON SERVICE TRUCK	36.60	37.73
CAT PIPELAYER 571	91.11	93.93					FORKLIFT 10,000LB	23.36	24.08	ELECTRIC WELDER SINGLE	4.93	5.08			2 TON SAND BLASTING TRUCK	105.13	108.38
CAT PIPELAYER 572	106.69	109.99	74.50	76.80			FORKLIFT 20,000LB	35.04	36.13	LINCOLN 9MILLER 305 WELDER	6.49	6.69			A-FRAME TRUCK	44.91	46.30
CAT PIPELAYER 589K	172.62	177.96	174.70	180.10			FORKLIFT 33,000LB	61.78	63.69	WELD MACHINE 200-300AMP	10.17	10.77			BUCKET TRUCK	65.93	67.97
CAT PIPELAYER 589T	202.73	209.00	238.30	245.66			FORKLIFT 40,000LB	131.87	135.94	ELEC. WELDER 350-500AMP	12.72	13.11			DIGGER TRUCK	106.13	108.38
SPECIALTY PIPELAYER	TBD		15.57	16.06			REACHLIFT 8,000-10,000LB	51.92	53.62	ELEC. WELDER 4 PAK 350AMP	18.95	19.54			LOG TRUCK	95.53	98.48
BENDING MACHINES (EXCL SHOES)			223.76	230.67			REACHLIFT 12,000LB	77.10	79.48	ELEC. WELDER 8 PAK 450AMP	25.96	26.76			BUS	36.60	37.73
BENDING MACHINE 6-20"	51.92	53.62	173.41	173.41			REACHLIFT 15,000LB	96.12	101.15	HYDRAULIC STRAP PULLER	19.73	20.34			MULE	12.72	13.11
BENDING MACHINE 16-30"	103.83	107.04	222.20	229.07			SPECIALTY FORKLIFT	TBD		WELD RIG (EXCL FUEL) *	23.88	24.62			FUEL TRUCK 1,000GAL	44.91	46.30
BENDING MACHINE 22-38"	107.47	110.79	289.97	278.31			ZOOM BOOMS	30.89	31.84	FAB SHOP EQUIPMENT	11.42	11.77			WATER TRUCK 2,000GAL	36.60	37.73
SPECIALTY BENDING MACHINE	TBD		350.44	361.26			ARTICULATING BOOM LIFT 40'	56.07	57.80	FUSION MACHINE UP TO 4"	12.72	13.11			DUMP TRUCK 3YD	36.60	37.73
CRANES			69.57	71.72			ARTICULATING BOOM LIFT 60'	84.10	86.70	FUSION MACHINE UP TO 8"	25.44	26.23			DUMP TRUCK 10YD	70.87	73.06
RT HYDRAULIC CRANE 30TON	96.82	99.82	77.10	79.48			ARTICULATING BOOM LIFT 80'	140.17	144.51	FUSION MACHINE UP TO 36"	56.07	57.80			CONCRETE MIXING TRUCK	73.72	76.00
RT HYDRAULIC CRANE 60TON	136.02	140.22	308.38	317.91			ARTICULATING BOOM LIFT 125'	147.16	151.73	FUSION MACHINE UP TO 48"	154.19	158.96			SWEEPER STREET (EXCL BRUSHES)	96.12	101.15
RT HYDRAULIC CRANE 80TON	196.24	202.31	385.48	397.39			SPECIALTY ZOOM BOOM	TBD		SPECIALTY WELDING	TBD				SEMI-TRUCK TRACTOR	86.96	89.65
TRUCK CRANE 10-16TON	69.57	71.72	424.16	437.26			COMPRESSORS			MISCELLANEOUS					6X6 TRUCK	102.54	105.70
TRUCK CRANE 22-23TON	94.75	97.68	28.81	29.70			AIR COMPRESSOR 15-185CFM	23.36	24.08	TRAFFIC CONTROL SIGNS	0.26	0.27			6X6 SAND BLASTING TRUCK	245.31	252.89
TRUCK CRANE 30TON	112.14	115.60	87.74	90.45			AIR COMPRESSOR 200-476CFM	39.46	40.68	CROSSING PLATES/RAIL **	0.52	0.54			SPECIALTY TRUCKS	140.17	144.51
SPECIALTY CRANE	TBD		100.46	103.56			AIR COMPRESSOR 500-750CFM	88.52	91.25	SHORING BEAM/PLATE **	1.04	1.07			TRAILERS	TBD	
BACKHOES			7.79	8.03			AIR COMPRESSOR 900-1200CFM	115.77	119.35	MESSAGE BOARD **	7.01	7.23			CARGO CONTAINER **	2.34	2.41
CAT BACKHOE 420	49.06	50.58	71.64	73.86			AIR COMPRESSOR 340/390 H.S.	30.89	31.84	LIGHT TOWER **	21.03	21.68			FLOAT/STRETCH/POLE TRAILER	7.01	7.23
CAT BACKHOE 430	77.10	79.48	119.15	122.83			SPECIALTY COMPRESSOR	TBD		WATER TOWER 10,000GAL	21.03	21.68			TILT/RAMP TRAILER	7.01	7.23
CAT 450JD BACKHOE 710	99.68	102.76	198.58	204.72			GENERATOR 2.5-5KW	9.86	10.17	WATER TOWER 15,000GAL	21.03	21.68			DUMP TRAILER	7.01	7.23
SPECIALTY BACKHOE	TBD		395.34	407.56			GENERATOR 6-10KW	18.95	19.54	SWEETPEA LAYMOR	33.75	34.79			DUMP TRAILER 500/800GAL	7.01	7.23
EXCAVATORS			11.94	12.31			GENERATOR 15-90KW	37.90	39.07	SWEETPEA EXTERRA	34.52	35.59			WATER TRAILER 500/800GAL	7.01	7.23
MINI EXCAVATOR 305	46.47	47.90	20.51	21.14			GENERATOR 60-125KW	44.39	45.76	LOCHINVAR BOILER	30.89	31.84			OFFICE/VAN TRAILER	7.01	7.23
MINI EXCAVATOR 308	60.48	62.35	21.80	22.48			GENERATOR 150-250KW	86.07	86.70	HYDRAULIC BOLT UP MACHINE	49.06	50.58			LOWBED TRAILER	15.57	16.06
CAT EXCAVATOR 315	95.53	98.48	TBD				GENERATOR 300-450KW	84.10	86.70	GAS MONITOR ALL TYPES	4.93	5.08			VACUUM TRAILER 800GAL	39.98	41.21
CAT EXCAVATOR 320/321	116.55	120.15					SPECIALTY GENERATOR	TBD		PIPE JEEP/PIPE LOCATOR	7.01	7.23			HYDRO TEST TRAILER	58.93	60.75
CAT EXCAVATOR 325/328/329	123.58	127.38	105.13	108.38			PUMPS			RECORDING CLOCK/D/W TESTER	9.34	9.63			TAPPING TRAILER	210.26	216.76
CAT EXCAVATOR 330/336	168.21	173.41	105.13	108.38			SPRAGUE TEST PUMP	14.02	14.48	SAND BLASTING POT	15.57	16.06			SPECIALTY TRAILERS	TBD	
CAT EXCAVATOR 345/349	178.85	184.38	210.26	216.76													

NOTES: 1) * = MATCH PAYROLL HOURS WORKED 2) ** = 8+ HOURS MINIMUM 3) ALL EQUIPMENT IS OPERATED BY ARB, INC. ONLY 4) WELDING GASES/RODS/CERTIFICATIONS ARE EXCLUDED FROM RATES 5) MOVE ON & MOVE OFF ARE EXCLUDED FROM RATES 6) THIS RATE SHEET IS NOT ALL INCLUSIVE; ADDITIONAL CLASSIFICATIONS AVAILABLE IF REQUIRED