



Request for Vendor Contract Update

Pursuant to the terms of your awarded vendor contract, all vendors must notify and receive approval from Region 4/OMNIA Partners, Public Sector when there is an update in the contract. No request will be officially approved without the prior authorization of Region 4. Region 4 reserves the right to accept or reject any request.

SAK Construction, LLC hereby provides notice of the following update to Contract number: R220402 for "Trenchless Technology Rehabilitation and Related Products and Services" on this date February 22, 2022.

Instructions: Vendors must check all that may apply and shall provide supporting documentation. Place your initials next to each item to confirm that documents are indeed included. Request received without supporting documentation will be returned. Be sure to sign prior to submitting your update for approval. **This form is not intended for use if there is a material change in operations, which may adversely affect members, i.e. assignment, bankruptcy, change of ownership, merger, etc. Please contact a member of the OMNIA Partners Contracting Team to request a "Notice of Material Change to Vendor Contract" form.**

Authorized Distributors/Dealers

☐ Addition
☐ Deletion
☐ Supporting Documentation

☒ **Price Update**

☒ **Supporting Documentation**

☐ **Products/Services**
☐ New Addition
☐ Update Only
☐ Supporting Documentation

☐ **Discontinued Products/Services**
☐ Supporting Documentation

☐ **States/Territories**
☐ Supporting Documentation

☐ **Other** _____
☐ Supporting Documentation

Notes: Vendor may include other notes regarding the contract update here: (attach another page if necessary).

Please see attached page explaining along with supporting documentation.

Submitted By: Joe Feuerborn

Title: Vice-President, GM CIPP Division

Email Address: jfeuerborn@sakcon.com

☐ **Approved Date** 7/28/2022 | 9:37 AM CDT

☐ **Denied Date** _____

DocuSigned by:
Contact Number: R220402

Region 4 ESC: _____
 0B1D33BB0130490...
 Robert Zingelmann



636.385.1000 *tel*
636.385.1100 *fax*
864 Hoff Road
O'Fallon, MO 63366
www.sakcon.com

July 22, 2022

This price update request is due to abnormal increases our industry has experienced since we responded to this RFP on October 5, 2021, in costs of resin used in the composite CIPP process, and similarly abnormal increases in the cost of diesel fuel which is utilized to travel and operate all of our trucks, boilers and work equipment. We are submitting a 40% increase in the CIPP process line items 1 – 26 and line items 66 – 74 which reflects both the resin and fuel increases, and a 20% (fuel only) increase in all other line items in this Not To Exceed Pricing list.

SAK commits to revisiting these items regularly to ensure pricing is market relevant and represents the best value to Region 4 customers. Re-assessment of prices will be done in April, 2023 at which time if prices need to remain (or change), a new contract update will be re-submitted, otherwise prices will revert back to today's pricing after May 1, 2023.



INTERPLASTIC CORPORATION

1225 Willow Lake Boulevard
 Saint Paul, Minnesota 55110-5145
 651.481.6860 Fax 651.481.9836

Price Confirmation

Date: July 14, 2021

Contact Name: Mr. Joe Feuerborn
 Title: Vice President
 Company Name: SAK/Pipenology
 Address: 864 Hoff Rd
 O'Fallon, MO 63366

<u>PRODUCT</u>	<u>Change</u>	<u>PRICE</u>	<u>CONTAINER</u>
COR78-AT-579	\$0.080/LB	\$1.141	42,000 lb min tankers dlvd
COR72-AT-470HT	\$0.084/LB	\$1.262	42,000 lb min tankers dlvd
COR72-AT-152	\$0.080/LB	\$1.190	42,000 lb min tankers dlvd
CORVE8190	\$0.352/LB	\$2.429	42,000 lb min tankers dlvd
COR72-AA-451	\$0.105/LB	\$1.348	42,000 lb min tankers dlvd
CORVE8506	\$0.309/LB	\$3.176	42,000 lb min tankers dlvd
CORVE8290	\$0.288/LB	\$4.425	42,000 lb min tankers dlvd
CORVE8295S	\$0.203/LB	\$3.488	42,000 lb min tankers dlvd
COR78-AT-571OS		\$1.201	42,000 lb min tankers dlvd

As Chief Financial Officer of IP Corporation, I certify that the pricing adjustment is in accordance with the terms of the Sales Agreement dated January 1, 2019 by and between Interplastic Corporation and SAK Construction, LLC, as amended by that certain Amendment 1 dated January 1, 2021 (the "Sales Agreement").

Effective date: July 15, 2021

Comments: Pricing is effective until October 14, 2021. Pricing on the ONESTEP™ products, listed with the suffix OS, are priced on an evaluation basis. Pricing on the ONESTEP™ products will be effective for the third quarter of 2021 only and may not be subject to the Sales Agreement pricing terms for the subsequent quarter depending on the results of the evaluation.

Sincerely,

Chris Herbst
 Chief Financial Officer

cc: Steve Wetzel, Erik Levy, Alex Wallenfelsz, Jason Schiro, Burt Beattie, Denise Sorensen, Kirsten Olson

CONFIDENTIAL



INTERPLASTIC CORPORATION

1225 Willow Lake Boulevard
 Saint Paul, Minnesota 55110-5145
 651.481.6860 fax: 651.481.9834

Price Confirmation

Date: July 11, 2022

Contact Name: Mr. Joe Feuerborn
 Title: Vice President
 Company Name: SAK/Pipenology
 Address: 864 Hoff Rd.
 O'Fallon, MO 63366

<u>Product</u>	<u>Change</u>	<u>Price</u>	<u>Container</u>
COR78-AT-579	\$0.126/lb	\$1.535	42,000 lb min tankers dlvd
COR72-AT-470HT	\$0.132/lb	\$1.661	42,000 lb min tankers dlvd
COR72-AT-152	\$0.139/lb	\$1.580	42,000 lb min tankers dlvd
CORVE8190	\$0.129/lb	\$2.923	42,000 lb min tankers dlvd
COR72-AA-451	\$0.175/lb	\$1.839	42,000 lb min tankers dlvd
CORVE8506	\$0.120/lb	\$3.630	42,000 lb min tankers dlvd
CORVE8290	\$0.194/lb	\$5.187	42,000 lb min tankers dlvd
CORVE8295S	\$0.156/lb	\$4.086	42,000 lb min tankers dlvd

As Chief Financial Officer of IP Corporation, I certify that the pricing adjustment is in accordance with the terms of the Sales Agreement dated January 1, 2019 by and between Interplastic Corporation and SAK Construction, LLC as amended by that certain Amendment dated January 1, 2021 (the "Sales Agreement").

Effective Date: July 15, 2022

Sincerely,

Phil Kelly
 Chief Financial Officer

cc: Steve Wetzel, Erik Levy, Alex Wallenfelsz, Jason Schiro, Burt Beattie, Denise Sorensen, Kirsten Olson



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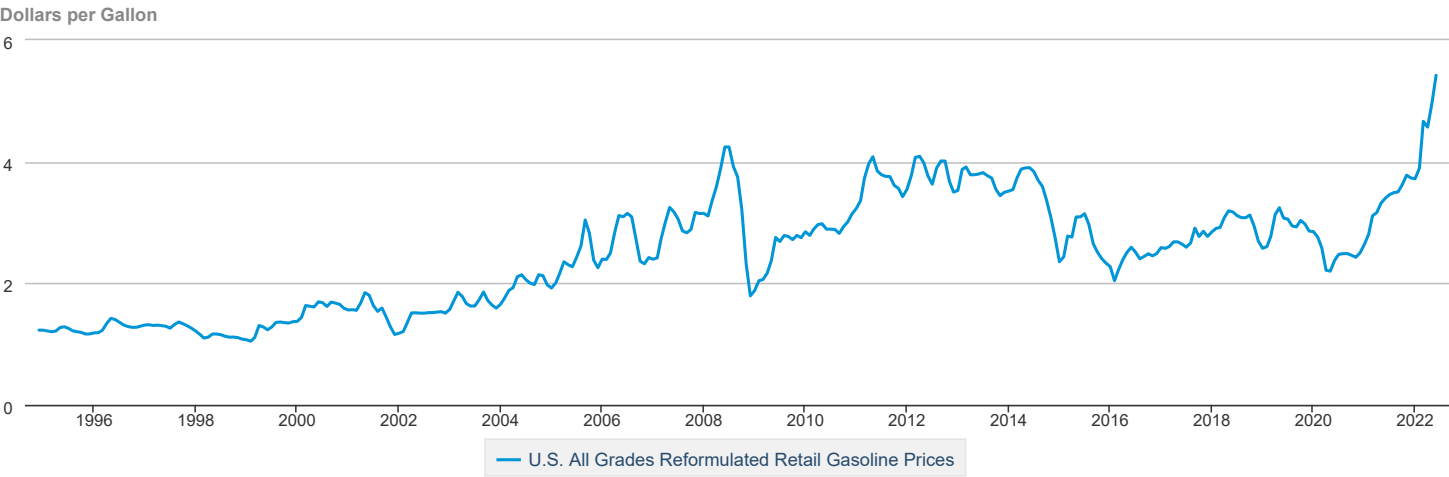
- Referring Pages:
- [Retail Prices for Gasoline All Grades - Reformulated Areas](#)
 - [U.S. Gasoline and Diesel Retail Prices](#)

View History: ☐ Weekly ☒ Monthly ☐ Annual

[Download Data \(XLS File\)](#)

U.S. All Grades Reformulated Retail Gasoline Prices

DOWNLOAD



Source: U.S. Energy Information Administration

Chart Tools

no analysis applied ▾

This series is available through the EIA open data API and can be downloaded to Excel or embedded as an interactive chart or map on your website.

U.S. All Grades Reformulated Retail Gasoline Prices (Dollars per Gallon)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994											NA	1.229
1995	1.228	1.215	1.203	1.213	1.270	1.285	1.258	1.218	1.203	1.192	1.165	1.167
1996	1.184	1.187	1.227	1.339	1.422	1.403	1.359	1.314	1.288	1.275	1.276	1.295
1997	1.314	1.317	1.306	1.311	1.303	1.292	1.261	1.321	1.364	1.334	1.300	1.261
1998	1.213	1.157	1.098	1.114	1.165	1.165	1.153	1.128	1.113	1.115	1.105	1.081
1999	1.070	1.047	1.107	1.305	1.282	1.235	1.280	1.356	1.362	1.352	1.346	1.368
2000	1.373	1.441	1.634	1.621	1.611	1.695	1.681	1.619	1.691	1.674	1.653	1.590
2001	1.561	1.565	1.555	1.677	1.846	1.803	1.633	1.537	1.593	1.445	1.281	1.158
2002	1.177	1.206	1.349	1.512	1.514	1.509	1.508	1.517	1.517	1.526	1.533	1.508
2003	1.571	1.720	1.852	1.783	1.664	1.624	1.627	1.732	1.856	1.718	1.641	1.591
2004	1.654	1.763	1.881	1.930	2.108	2.140	2.060	2.002	1.979	2.140	2.126	1.978
2005	1.921	2.006	2.159	2.354	2.306	2.272	2.427	2.610	3.042	2.824	2.380	2.256
2006	2.397	2.393	2.496	2.837	3.115	3.094	3.150	3.094	2.725	2.363	2.320	2.423
2007	2.396	2.418	2.738	3.013	3.248	3.173	3.055	2.862	2.830	2.884	3.166	3.148
2008	3.150	3.107	3.356	3.588	3.882	4.243	4.243	3.921	3.747	3.207	2.319	1.793
2009	1.880	2.044	2.060	2.165	2.373	2.755	2.686	2.786	2.769	2.718	2.788	2.750
2010	2.848	2.787	2.888	2.966	2.979	2.891	2.890	2.886	2.820	2.928	3.009	3.138
2011	3.228	3.356	3.725	3.967	4.082	3.851	3.786	3.759	3.755	3.612	3.562	3.425
2012	3.546	3.770	4.071	4.090	3.982	3.760	3.630	3.895	4.013	4.011	3.678	3.500
2013	3.527	3.874	3.913	3.784	3.786	3.799	3.821	3.771	3.731	3.547	3.441	3.497
2014	3.517	3.541	3.728	3.878	3.897	3.902	3.838	3.694	3.593	3.362	3.079	2.750

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2015	2.354	2.435	2.777	2.760	3.091	3.093	3.145	2.965	2.652	2.513	2.407	2.333
2016	2.275	2.042	2.223	2.390	2.509	2.593	2.512	2.402	2.442	2.485	2.451	2.491
2017	2.587	2.574	2.605	2.682	2.681	2.643	2.594	2.662	2.907	2.769	2.856	2.770
2018	2.846	2.904	2.917	3.083	3.192	3.174	3.113	3.080	3.079	3.123	2.940	2.693
2019	2.575	2.603	2.774	3.131	3.243	3.071	3.057	2.943	2.928	3.034	2.976	2.859
2020	2.850	2.760	2.585	2.214	2.199	2.375	2.476	2.487	2.489	2.460	2.428	2.500
2021	2.638	2.806	3.110	3.165	3.318	3.400	3.458	3.491	3.504	3.624	3.779	3.733
2022	3.720	3.894	4.665	4.569	4.947	5.422						

- = No Data Reported; -- = Not Applicable; NA = Not Available; W = Withheld to avoid disclosure of individual company data.

Release Date: 7/18/2022

Next Release Date: 7/25/2022

Referring Pages:

- [Retail Prices for Gasoline All Grades - Reformulated Areas](#)
- [U.S. Gasoline and Diesel Retail Prices](#)

https://www.eia.gov/dnav/pet/hist/LeafHandler.ashx?n=PET&s=EMM_EPM0R_PTE_NUS_DPG&f=M



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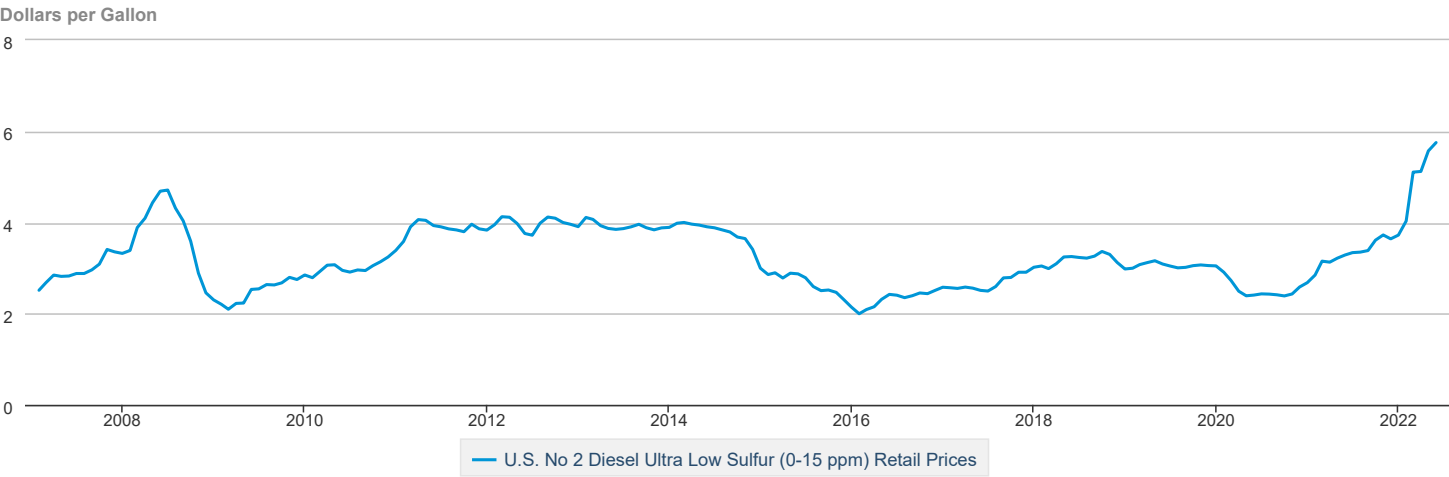
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- Referring Pages:
- [Retail Prices for Ultra Low Sulfur Diesel](#)
 - [U.S. Gasoline and Diesel Retail Prices](#)

View History: ☐ Weekly ☒ Monthly ☐ Annual [Download Data \(XLS File\)](#)

U.S. No 2 Diesel Ultra Low Sulfur (0-15 ppm) Retail Prices

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Source: U.S. Energy Information Administration

Chart Tools

no analysis applied ▾

This series is available through the EIA open data API and can be downloaded to Excel or embedded as an interactive chart or map on your website.

U.S. No 2 Diesel Ultra Low Sulfur (0-15 ppm) Retail Prices (Dollars per Gallon)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2007		2.513	2.680	2.847	2.818	2.826	2.881	2.881	2.961	3.087	3.409	3.356
2008	3.322	3.386	3.889	4.094	4.434	4.687	4.712	4.315	4.036	3.589	2.889	2.457
2009	2.302	2.205	2.097	2.225	2.233	2.532	2.544	2.638	2.630	2.676	2.797	2.749
2010	2.849	2.789	2.918	3.063	3.073	2.950	2.912	2.959	2.946	3.052	3.140	3.243
2011	3.388	3.584	3.905	4.064	4.047	3.933	3.905	3.860	3.837	3.798	3.962	3.861
2012	3.833	3.953	4.127	4.115	3.979	3.759	3.721	3.983	4.120	4.094	4.000	3.961
2013	3.909	4.111	4.068	3.930	3.870	3.849	3.866	3.905	3.961	3.885	3.839	3.882
2014	3.893	3.984	4.001	3.964	3.943	3.906	3.884	3.838	3.792	3.681	3.647	3.411
2015	2.997	2.858	2.897	2.782	2.888	2.873	2.788	2.595	2.505	2.519	2.467	2.310
2016	2.143	1.998	2.090	2.152	2.315	2.423	2.405	2.351	2.394	2.454	2.439	2.510
2017	2.580	2.568	2.554	2.583	2.560	2.511	2.496	2.595	2.785	2.794	2.909	2.909
2018	3.018	3.046	2.988	3.096	3.244	3.253	3.233	3.218	3.262	3.365	3.300	3.123
2019	2.980	2.997	3.076	3.121	3.161	3.089	3.045	3.005	3.016	3.053	3.069	3.055
2020	3.048	2.910	2.729	2.493	2.392	2.408	2.434	2.429	2.414	2.389	2.432	2.585
2021	2.681	2.847	3.152	3.130	3.217	3.287	3.339	3.350	3.384	3.612	3.727	3.641
2022	3.724	4.032	5.105	5.120	5.571	5.754						

- = No Data Reported; -- = Not Applicable; NA = Not Available; W = Withheld to avoid disclosure of individual company data.

Referring Pages:

- [Retail Prices for Ultra Low Sulfur Diesel](#)
- [U.S. Gasoline and Diesel Retail Prices](#)

https://www.eia.gov/dnav/pet/hist/LeafHandler.ashx?n=PET&s=EMD_EPD2DXL0_PTE_NUS_DPG&f=M

Tab 2 - Pricing

Not to Exceed Pricing

- Region 4 ESC (OMNIA Partners Lead Agency) requests pricing be submitted as not to exceed for any participating entity
- Unlike fixed pricing the awarded vendor can adjust submitted pricing lower if needed, but cannot exceed original pricing submitted for solicitation.
- Vendor/Contractor must allow for lower pricing to be available for similar product and service purchases.

Item	Description	Quantity	Unit	Unit Price
Section A: Cured-in-place pipe (CIPP) reconstruction of gravity sewers				
Part 1 - Installation				
1	6" x 4.5mm	1	LF	\$57.00
2	8" x 4.5mm	1	LF	\$44.00
3	10" x 6.0mm	1	LF	\$59.00
4	12" x 6.0mm	1	LF	\$81.00
5	15" x 7.5mm	1	LF	\$93.00
6	18" x 9.0mm	1	LF	\$116.00
7	21" x 9.0mm	1	LF	\$155.00
8	24" x 10.5mm	1	LF	\$186.00
9	27" x 10.5mm	1	LF	\$219.00
10	30" x 12.0mm	1	LF	\$258.00
11	33" x 12.0mm	1	LF	\$288.00
12	36" x 12.0mm	1	LF	\$345.00
13	42" x 13.5mm	1	LF	\$403.00
14	48" x 15.0mm	1	LF	\$577.00
15	54" x 18.0mm	1	LF	\$761.00
16	6" & 8" Additional 1.5mm	1	LF	\$2.10
17	10" & 12" Additional 1.5mm	1	LF	\$3.50
18	15" & 18" Additional 1.5mm	1	LF	\$17.00
19	21" & 24" Additional 1.5mm	1	LF	\$26.00
20	27" Additional 1.5mm	1	LF	\$36.00
21	30" Additional 1.5mm	1	LF	\$38.00
22	33" Additional 1.5mm	1	LF	\$45.00
23	36" Additional 1.5mm	1	LF	\$48.00
24	42" Additional 1.5mm	1	LF	\$56.00
25	48" Additional 1.5mm	1	LF	\$70.00
26	54" Additional 1.5mm	1	LF	\$84.00
27	6" - 10" Backyard Easement Setup Per Install Length	1	LF	\$6.00
28	12" - 18" Backyard Easement Setup Per Install Length	1	LF	\$14.40
29	Timber Matting for Large Diameter Setup	1	SY	\$36.00
30	Internal Reconnection of service connection by robotic cutter	1	EA	\$360.00
31	Sealing of service connection w/chemical grouting after internal reconnection, minimum quantity of 15 to be completed per mobilization.	1	EA	\$540.00
Note: Any CIPP over 54" diameter will be on an individual quote basis.				
Part 2 - Clean/TV & Evaluation for Gravity Sewers associated with CIPP installation				
32	6" - 12" Clean & TV sewer	1	LF	\$6.60
33	15" - 21" Clean & TV sewer	1	LF	\$14.00
34	24" - 33" Clean & TV sewer	1	LF	\$24.00
35	36" & 42" Clean & TV sewer	1	LF	\$37.00
36	48" & 54" Clean & TV sewer	1	LF	\$72.00
37	6" - 15" Post TV Inspection after Rehabilitation	1	LF	\$3.00
38	18" - 27" Post TV Inspection after Rehabilitation	1	LF	\$4.80
39	30" or Larger Post TV Inspection after Rehabilitation	1	LF	\$6.60
40	Re-setup for clean & TV Inspection Due to Point Repairs	1	EA	\$420.00
41	Root Removal (added to Clean & TV price)	1	LF	\$6.00
42	Grease Removal (Added to Clean & TV price)	1	LF	\$6.00
43	Other Remote Obstruction Removal (max. 10 LF)	1	EA	\$1,650.00
44	Sanitary Sewer Debris Removal/Disposal	1	TON	\$300.00
45	Above Ground Physical Inspection	1	LF	\$6.00
Part 3 - Bypass pumping system for gravity sewers				
46	Set Up 4" Pump (Per Pump)	1	EA	\$546.00
47	Set Up 6" Pump (Per Pump)	1	EA	\$1,272.00
48	Set Up 8" Pump (Per Pump)	1	EA	\$1,818.00

49	Set Up 12" Pump (Per Pump)	1	EA	\$3,210.00
50	Set Up 4" Piping	1	LF	\$45.00
51	Set Up 6" Piping	1	LF	\$56.00
52	Set Up 8" Piping	1	LF	\$96.00
53	Set up 12" Piping	1	LF	\$132.00
54	Set up 18" Piping	1	LF	\$162.00
55	Operate 4" Pumping System	1	DAY	\$114.00
56	Operate 6" Pumping System	1	DAY	\$858.00
57	Operate 8" Pumping System	1	DAY	\$1,374.00
58	Operate 12" Pumping System	1	DAY	\$2,214.00
59	Bypass Pumping - Lg Diam Install Projects (30" to 54")	1	LF	\$90.00
60	Bypass - Driveway Ramp (Setup, Operate, Maintain)	1	EA	\$558.00
61	Bypass - Street Ramp (Setup, Operate, Maintain)	1	EA	\$558.00
62	Bypass - Street Trenching for 8" Pipe (Setup, Operate, Maintain)	1	LF	\$82.00
63	Bypass - Street Trenching for 12" Pipe (Setup, Operate, Maintain)	1	LF	\$109.00
64	Bypass - Street Trenching for 18" Pipe (Setup, Operate, Maintain)	1	LF	\$136.00
65	Bypass Plan (3rd Party Certified)	1	EA	\$2,640.00

Section B: CIPP renewal of Potable Water Mains & Pressure Pipes				
Part 1 - Installation				
66	6" diameter liner	1	LF	\$252.00
67	8" diameter liner	1	LF	\$308.00
68	10" diameter liner	1	LF	\$350.00
69	12" diameter liner	1	LF	\$420.00
70	14" diameter liner	1	LF	\$525.00
71	16" diameter liner	1	LF	\$560.00
72	18" diameter liner	1	LF	\$665.00
73	20" diameter liner	1	LF	\$770.00
74	24" diameter liner	1	LF	\$756.00
75	Re-opening of service connections internally (6" to 12" host pipes only)	1	EA	\$600.00
76	Setup fee per liner installation	1	EA	\$4,200.00
Part 2 - Bypass for CIPP renewal of Potable Water Mains				
77	2" temporary	1	LF	\$29.00
78	4" temporary	1	LF	\$31.00
79	6" temporary	1	LF	\$38.00
Part 3 - Temporary service connections for water main bypass				
80	2" short-side	1	EA	\$330.00
81	2" long-side	1	EA	\$456.00
82	4" short-side	1	EA	\$360.00
83	4" long-side	1	EA	\$498.00
84	6" short-side	1	EA	\$390.00
85	6" long-side	1	EA	\$540.00
Part 4 - Installation Pits and Valve, Hydrant or Service Connection Pits				
6 - 12 inch pipe connection				
86	a) 0-4 feet deep	1	EA	\$4,200.00
87	b) 4-6 feet deep	1	EA	\$6,600.00
88	c) 6-10 feet deep	1	EA	\$9,000.00
Note: Any Pits for 14" and larger diameters, or for greater depths than shown above, will be on an individual quote basis				

Section C: Pipe Bursting with HDPE for Sewer Lines				
HDPE DR 19				
89	6-inch diameter	1	LF	\$43.00
90	8-inch diameter	1	LF	\$49.00
91	10-inch diameter	1	LF	\$55.00
92	12-inch diameter	1	LF	\$61.00
93	14-inch diameter	1	LF	\$87.00
94	16-inch diameter	1	LF	\$112.00
95	18-inch diameter	1	LF	\$138.00
96	20-inch diameter	1	LF	\$167.00
97	Setup fee per Pipe Bursting segment	1	EA	\$2,400.00
Manhole Connections				
98	6-inch	1	EA	\$180.00
99	8-inch	1	EA	\$240.00

100	10-inch	1	EA	\$300.00
101	12-inch	1	EA	\$360.00
102	14-inch	1	EA	\$420.00
103	16-inch	1	EA	\$480.00
104	18-inch	1	EA	\$540.00
105	20-inch	1	EA	\$600.00

Clean-out Installation

106	4-inch	1	EA	\$450.00
107	6-inch	1	EA	\$570.00

Note: For any pits required refer to Section B, Part 4 above

Sewer Lateral Pipe Bursting

108	4-inch	1	LF	\$41.00
109	6-inch	1	LF	\$43.00

Note: For any pits required refer to Section B, Part 4 above

Pipe fusing - applicable to all Polyethylene processes listed on this contract (typically 50 foot joints)

110	Setup fee per pull segment	1	Per Segment	\$3,000.00
111	6 thru 12 inch	1	Per Pipe Joint	\$480.00
112	13 thru 18 inch	1	Per Pipe Joint	\$690.00
113	20 thru 24 inch	1	Per Pipe Joint	\$1,140.00
114	30 thru 42 inch	1	Per Pipe Joint	\$2,160.00
115	43 thru 48 inch	1	Per Pipe Joint	\$3,360.00

Section D: Polyethylene (PE) Sewer Pipe Sliplining

PE Pipe DR 22.5

108	4-inch	1	LF	\$32.00
109	6-inch	1	LF	\$38.00
110	8-inch	1	LF	\$48.00
111	10-inch	1	LF	\$53.00
112	12-inch	1	LF	\$62.00
113	Installation Equipment Setup Fee per pipe liner segment insertion	1	EA	\$9,000.00
114	Annular Space - Grouting	1	CY	\$364.00
115	Bulkheads required for Grouting	1	EA	\$600.00

Note: For any pits required refer to Section B, Part 4 above

Section E: Manhole and Structure Rehabilitation

116	Manhole Rehabilitation (std 4-ft diameter) - 1-inch Portland-based cementitious	1	VF	\$207.00
117	Manhole Rehabilitation (std 5-ft diameter) - 1-inch Portland-based cementitious	1	VF	\$221.00
118	Manhole Rehabilitation (std 6-ft diameter) - 1-inch Portland-based cementitious	1	VF	\$235.00
119	Manhole Rehabilitation (std 4-ft diameter) - 1/2-inch Calcium-aluminate-based cementitious	1	VF	\$276.00
120	Manhole Rehabilitation (std 5-ft diameter) - 1/2-inch Calcium-aluminate-based cementitious	1	VF	\$317.00
121	Manhole Rehabilitation (std 6-ft diameter) - 1/2-inch Calcium-aluminate-based cementitious	1	VF	\$359.00
122	Manhole Rehabilitation (std 4-ft diameter) - 125 mil Epoxy/Polyurea	1	VF	\$414.00
123	Manhole Rehabilitation (std 5-ft diameter) - 125 mil Epoxy/Polyurea	1	VF	\$483.00
124	Manhole Rehabilitation (std 6-ft diameter) - 125 mil Epoxy/Polyurea	1	VF	\$552.00
125	Manhole Rehabilitation (std 4-ft diameter) - 1-inch Geopolymer liner	1	VF	\$552.00
126	Manhole Rehabilitation (std 5-ft diameter) - 1-inch Geopolymer liner	1	VF	\$621.00
127	Manhole Rehabilitation (std 6-ft diameter) - 1-inch Geopolymer liner	1	VF	\$690.00
128	Manhole Rehabilitation (std 4-ft diameter) - Composite - 1" cementitious + 125 mils Epoxy/Polyurea	1	VF	\$828.00
129	Manhole Rehabilitation (std 5-ft diameter) - Composite - 1" cementitious + 125 mils Epoxy/Polyurea	1	VF	\$897.00
130	Manhole Rehabilitation (std 6-ft diameter) - Composite - 1" cementitious + 125 mils Epoxy/Polyurea	1	VF	\$966.00
131	Rebuild Bench and Invert	1	EA	\$1,380.00
132	Lift/Pump Station Rehab - 125 mils Epoxy/Polyurea	1	SF	\$110.00
133	Lift/Pump Station Rehab - Composite - 1" cementitious + 125 mils Epoxy/Polyurea	1	SF	\$242.00
134	Lift/Pump Station Rehab - Composite - each additional 1/2 inch cementitious liner	1	SF	\$35.00
135	Lift/Pump Station Rehab - 1" Geopolymer liner	1	SF	\$200.00
136	Lift/Pump Station Rehab - Geopolymer liner each additional 1/2 inch	1	SF	\$55.00
137	WWTP Structure Rehab - 125 mil Epoxy/Polyurea	1	SF	\$110.00
138	WWTP Structure Rehab - Composite - 1" Cementitious + 125 mils Epoxy/Polyurea	1	SF	\$242.00
139	WWTP Structure Rehab - Composite - each additional 1/2 inch cementitious liner	1	SF	\$35.00
140	WWTP Structure Rehab - 1" Geopolymer liner	1	SF	\$200.00
141	WWTP Structure Rehab - Geopolymer liner each additional 1/2 inch	1	SF	\$55.00
142	Vacuum Test Manhole (12" mainline and smaller)	1	EA	\$552.00
143	Holiday Test Manhole (Epoxy only)	1	EA	\$552.00

144	Sewer Structure Rehab (non-circular or manholes greater than 4-ft diameter) - 1" cementitious	1	SF	\$48.00
145	Sewer Structure Rehab (non-circular or manholes greater than 4-ft diameter) - Epoxy/Polyurea	1	SF	\$110.00
146	Sewer Structure Rehab (non-circular or manholes greater than 4-ft diameter) - 1" Geopolymer	1	SF	\$200.00
147	Installation of FRP rehab structures up to 6' depth (std 4' diameter)	1	EA	\$2,484.00
148	Additional depth for FRP rehab structures (std 4' diameter)	1	VF	\$552.00
149	All sizes installation of Manhole Chimney Seal	1	EA	\$780.00
150	New manhole frame and cover - 24"	1	EA	\$1,173.00
151	New manhole frame and cover - 32"	1	EA	\$2,070.00
152	Adjust manhole frame and cover up to 1 ft	1	EA	\$1,311.00
153	Adjust manhole frame and cover over 1 ft	1	VF	\$690.00
154	Invert installation - 4' diameter	1	EA	\$1,932.00
155	Invert installation - 5' diameter	1	EA	\$2,070.00
156	Invert installation - 6' diameter	1	EA	\$2,346.00
157	Invert installation - other configurations	1	SF	\$3,450.00
158	Grouting of heavy infiltration to facilitate manhole rehab	1	EA MH	\$1,818.00

Section F: Gravity Sewer CIPP Lateral Renewal Systems

159	4"-6" Internal installation and cure of lateral liner with full wrap connection up to 20" from main	1	EA	\$2,700.00
160	4"-6" Internal installation and cure of lateral liner with top hat connection up to 5' from main <15"dia - No cleanout required	1	EA	\$3,840.00
161	4"-6" Internal installation and cure of top hat shaped structure up to 20' from main <15"dia - Cleanout required	1	EA	\$6,000.00
162	4"-6" Installation and cure of structural lateral liner from main beyond 20' from main <15" dia	1	LF	\$72.00
163	4"-6" Installation and cure of structural lateral liner from surface clean out to main	1	LF	\$180.00
164	4"-6" Set-up charge per line section for installations of <20 total laterals per project	1	EA	\$2,400.00
165	4"-6" installation of a surface cleanout or access pit for Items 161-163 above	1	EA	\$3,600.00

Section G: Spin Cast Geopolymer Pipe Lining for Sanitary and Storm Sewer Lines

166	30" Storm Pipe - QLS Rehabilitation - 1" Thickness	1	LF	\$621.00
167	36" Storm Pipe - QLS Rehabilitation - 1" Thickness	1	LF	\$442.00
168	42" Storm Pipe - QLS Rehabilitation - 1" Thickness	1	LF	\$483.00
169	48" Storm Pipe - QLS Rehabilitation - 1" Thickness	1	LF	\$559.00
170	54" Storm Pipe - QLS Rehabilitation - 1.5" Thickness	1	LF	\$656.00
171	60" Storm Pipe - QLS Rehabilitation - 1.5" Thickness	1	LF	\$794.00
172	66" Storm Pipe - QLS Rehabilitation - 1.5" Thickness	1	LF	\$987.00
173	72" Storm Pipe - QLS Rehabilitation - 1.5" Thickness	1	LF	\$1,173.00
174	78" Storm Pipe - QLS Rehabilitation - 1.5" Thickness	1	LF	\$1,277.00
175	84" Storm Pipe - QLS Rehabilitation - 1.5" Thickness	1	LF	\$1,484.00
176	90" Storm Pipe - QLS Rehabilitation - 1.5" Thickness	1	LF	\$1,656.00
177	96" Storm Pipe - QLS Rehabilitation - 1.5" Thickness	1	LF	\$2,070.00
178	102" Storm Pipe - QLS Rehabilitation - 1.5" Thickness	1	LF	\$2,484.00
179	108" Storm Pipe - QLS Rehabilitation - 1.5" Thickness	1	LF	\$3,174.00
180	Greater than 108" Storm Pipe - QLS Rehabilitation - 1.5" Thickness	1	LF	\$3,726.00
181	Non-Circular Sewer Pipe/Tunnel	1	SF	\$62.00
182	30" Sanitary Sewer - QLS Rehabilitation - 1" Thickness	1	LF	\$621.00
183	36" Sanitary Sewer - QLS Rehabilitation - 1" Thickness	1	LF	\$442.00
184	42" Sanitary Sewer - QLS Rehabilitation - 1" Thickness	1	LF	\$483.00
185	48" Sanitary Sewer - QLS Rehabilitation - 1" Thickness	1	LF	\$559.00
186	54" Sanitary Sewer - QLS Rehabilitation - 1.5" Thickness	1	LF	\$656.00
187	60" Sanitary Sewer - QLS Rehabilitation - 1.5" Thickness	1	LF	\$794.00
188	66" Sanitary Sewer - QLS Rehabilitation - 1.5" Thickness	1	LF	\$987.00
189	72" Sanitary Sewer - QLS Rehabilitation - 1.5" Thickness	1	LF	\$1,173.00
190	78" Sanitary Sewer - QLS Rehabilitation - 1.5" Thickness	1	LF	\$1,277.00
191	84" Sanitary Sewer - QLS Rehabilitation - 1.5" Thickness	1	LF	\$1,484.00
192	90" Sanitary Sewer - QLS Rehabilitation - 1.5" Thickness	1	LF	\$1,656.00
193	96" Sanitary Sewer - QLS Rehabilitation - 1.5" Thickness	1	LF	\$2,070.00
194	102" Sanitary Sewer - QLS Rehabilitation - 1.5" Thickness	1	LF	\$2,484.00
195	108" Sanitary Sewer - QLS Rehabilitation - 1.5" Thickness	1	LF	\$3,174.00
196	Greater than 108" Sanitary Sewer - QLS Rehabilitation - 1.5" Thickness	1	LF	\$3,726.00
197	Each Additional .5" Thickness	1	SF	\$17.00
198	Reinforcement with Welded Wire Fabric- 4X4W4	1	SF(of WWF)	\$21.00
199	Reinforcement with Rebar #3	1	LF(of Rebar)	\$14.00

200	Reinforcement with Rebar #4	1	LF(of Rebar)	\$28.00
201	Reinforcement with Rebar #5	1	LF(of Rebar)	\$55.00
202	Infiltration Control - Quad-Plug	1	GALLON	\$138.00
203	Infiltration Control - Quad-Plug	1	PAIL	\$69.00
204	Rebuild Invert	1	CF	\$104.00
205	Joint Preparation	1	LF	\$28.00
206	Antimicrobial Application	1	SF	\$7.00
207	Channel Excavation	1	CY	\$69.00
208	Debris Removal	1	CY	\$90.00
209	Clearing and Grubbing	1	AC	\$6,210.00
210	Tree Removal (6" – 12")	1	EA	\$2,070.00
211	Tree Removal (13" – 23")	1	EA	\$2.00
212	Tree Removal (> 24")	1	EA	\$4,140.00
213	Rework Catchbasin Cover To Accept New Manhole Covers	1	EA	\$1,656.00
214	Service Lateral Reinstatement - Man Entry	1	EA	\$345.00

Section H: Additional Items which may apply to each section above				
215	Mobilization charge for scopes of work proposed on less than \$100,000 in value	1	EA	\$30,000.00
216	Bonds and Insurance	1	LS	*Pass Through Cost
*Bonds are a % and insurance is as quoted. These are a pass through cost.				
217	Pre-Construction Video	1	Day	\$1,440.00
218	Erosion Control	1	LF	\$3.00
219	Chemical Grouting	1	GAL	\$420.00

Maintenance Of Traffic (Residential/Non-DOT Regulated)				
220	a) Signage	1	Ea-Month	\$1,200.00
221	b) Flagmen	1	HR	\$55.00
222	c) Arrow Board	1	Day/EA	\$300.00
223	d) Traffic Control Plan (certified)	1	EA	\$4,200.00

Excavation/Backfill				
224	a) 0-4 feet deep	1	Cubic Ft	\$2.40
225	b) 4-6 feet deep	1	Cubic Ft	\$3.60
226	c) 6-10 feet deep	1	Cubic Ft	\$4.80
227	d) over 10 feet deep refer to Section I			

Trench Shoring				
228	a) 4-6 feet deep	1	LF Trench/week	\$90.00
229	b) 6-10 feet deep	1	LF Trench/week	\$120.00
230	c) over 10 feet deep refer to Section I			

Surface Restoration				
231	a) Sod	1	SY	\$22.00
232	b) 4-inch concrete	1	SY	\$86.00
233	c) 6-inch concrete	1	SY	\$130.00
234	d) 8-inch concrete	1	SY	\$151.00
235	e) 2-inch asphalt	1	SY	\$43.00
236	f) 3-inch asphalt	1	SY	\$65.00
237	g) 2.5-inch asphalt concrete	1	SY	\$65.00
238	h) Curb	1	LF	\$48.00

Material extras				
239	a) Lime Rock	1	Ton	\$42.00
240	b) 57/Washed Stone	1	Ton	\$42.00
241	c) Imported Sand	1	Ton	\$30.00
242	d) Gravel	1	Ton	\$36.00

Section I: Time and Material Unit Rates for Change Orders				
Materials, Subcontractors and Rentals, cost plus 15% markup				
SAK Construction, LLC - Labor including burdens, Equipment, per diems and lodging (may vary by area), cost plus 25% markup				
Sales Taxes = Per Jurisdiction				

***Any items not included in this pricing sheet will be calculated using RS Means Cost Data, adjusted by the specified City Cost Index for verification and multiplied by 1.0 coefficient**