

FORM D - Products and Services Offerings (Tab B)			Effective Date: 5/29/2024	
Offer Name:	Vortex Companies, LLC			
Invitation No.	TP07-18 Trenchless Pipeline Rehabilitation Services			
Item No.	ITEM DESCRIPTION	UNITS	LIST PRICE	
A	Clean / TV and Evaluation for Gravity Pipelines and Related Items			
A1	Sanitary & CCTV Sewer - 6"	LF	13.00	
A2	Sanitary & CCTV Sewer - 8"	LF	13.00	
A3	Sanitary & CCTV Sewer - 10"	LF	15.00	
A4	Sanitary & CCTV Sewer - 12"	LF	17.00	
A5	Sanitary & CCTV Sewer - 15"	LF	19.00	
A6	Sanitary & CCTV Sewer - 18"	LF	20.00	
A7	Sanitary & CCTV Sewer - 21"	LF	22.00	
A8	Sanitary & CCTV Sewer - 24"	LF	24.00	
A9	Sanitary & CCTV Sewer - 27"	LF	26.00	
A10	Sanitary & CCTV Sewer - 30"	LF	28.00	
A11	Sanitary & CCTV Sewer - 33"	LF	30.00	
A12	Sanitary & CCTV Sewer - 36"	LF	33.00	
A13	Sanitary & CCTV Sewer - 42"	LF	35.00	
A14	Sanitary & CCTV Sewer - 48"	LF	37.00	
A15	Sanitary & CCTV Sewer - 54"	LF	45.00	
A16	Sanitary & CCTV Sewer - 60"	LF	55.00	
A17	Sanitary & CCTV Sewer - 66"	LF	65.00	
A18	Sanitary & CCTV Sewer - 72"	LF	75.00	
A19	Sanitary & CCTV Sewer - 78"	LF	95.00	
A20	Sanitary & CCTV Sewer - 84"	LF	105.00	
A21	Sanitary & CCTV Sewer - 90"	LF	115.00	
A22	Sanitary & CCTV Sewer - 96"	LF	120.00	
A23	Sanitary & CCTV Sewer - 102"	LF	125.00	
A24	Sanitary & CCTV Sewer - 108"	LF	130.00	
A25	Sanitary & CCTV Sewer - 114"	LF	135.00	
A26	Sanitary & CCTV Sewer > 114"	LF	145.00	
A27	Storm & CCTV Sewer - 8"	LF	6.90	
A28	Storm & CCTV Sewer - 10"	LF	8.63	
A29	Storm & CCTV Sewer - 12"	LF	8.63	
A30	Storm & CCTV Sewer - 15"	LF	12.08	
A31	Storm & CCTV Sewer - 18"	LF	17.25	
A32	Storm & CCTV Sewer - 21"	LF	20.70	
A33	Storm & CCTV Sewer - 24"	LF	24.00	
A34	Storm & CCTV Sewer - 27"	LF	25.88	
A35	Storm & CCTV Sewer - 30"	LF	34.50	
A36	Storm & CCTV Sewer - 33"	LF	43.13	
A37	Storm & CCTV Sewer - 36"	LF	51.75	
A38	Storm & CCTV Sewer - 42"	LF	69.00	
A39	Storm & CCTV Sewer - 48"	LF	86.25	
A40	Storm & CCTV Sewer - 54"	LF	103.50	
A41	Storm & CCTV Sewer - 60"	LF	125.00	
A42	Storm & CCTV Sewer - 66"	LF	143.75	
A43	Storm & CCTV Sewer - 72"	LF	162.50	
A44	Storm & CCTV Sewer - 78"	LF	181.25	
A45	Storm & CCTV Sewer - 84"	LF	200.00	
A46	Storm & CCTV Sewer - 90"	LF	218.75	
A47	Storm & CCTV Sewer - 96"	LF	237.50	
A48	Storm & CCTV Sewer - 102"	LF	256.25	
A49	Storm & CCTV Sewer - 108"	LF	275.00	
A50	Storm & CCTV Sewer - 114"	LF	293.75	
A51	Storm & CCTV Sewer > 114"	LF	312.50	
A52	Clean / Debris Removal per CY	CY	250.00	
A53	Heavy Clean & CCTV	HR	950.00	
A54	6" - 12" Post TV Inspection After Rehabilitation	LF	6.25	
A55	14" - 20" Post TV Inspection After Rehabilitation	LF	6.25	
A56	21" - 36" Post TV Inspection After Rehabilitation	LF	11.25	
A57	37" - 42" Post TV Inspection After Rehabilitation	LF	15.00	
A58	43" - 48" Post TV Inspection After Rehabilitation	LF	27.50	

A59	49"- 54" Post TV Inspection After Rehabilitation	LF	40.00
A60	55"- 60" Post TV Inspection After Rehabilitation	LF	52.50
A61	61"- 72" Post TV Inspection After Rehabilitation	LF	65.00
A62	73" or Larger Post TV Inspection After Rehabilitation	LF	77.50
A63	Sewer, Internal Pipe Inspection Push Camera	LF	50.00
A64	Sonar/TISCIT Survey >18" - 24" Diameter Pipe	LF	24.00
A65	Sonar/TISCIT Survey > 24" - 36" Diameter Pipe	LF	30.00
A66	Sonar/TISCIT Survey > 36" Diameter Pipe	LF	40.00
A67	MSI Survey >18" - 24" Diameter Pipe	LF	40.00
A68	MSI Survey > 24" - 36" Diameter Pipe	LF	50.00
A69	MSI Survey > 36" Diameter Pipe	LF	60.00
A70	Heavy Lift Station Cleaning (Remove all Debris to Bottom of LS - 4 hr minimum)	EA	5390.00
A71	Major Lift Station Cleaning - Additional Hours	HR	1347.50
A72	Minor Lift Station Cleaning (Skimming Top of LS - 4 hr minimum)	EA	1437.50
A73	Minor Lift Station Cleaning - Additional Hours	HR	359.38
A74	Vactor Truck Services	HR	625.00
A75	CCTV Truck Services	HR	500.00
A76	Waste Water Treatment Plant Debris Removal/Sludge Hauling (Small)	YD	112.50
A77	Waste Water Treatment Plant Debris Removal/Sludge Hauling (Large)	YD	437.50
A78	Re-setup for TV Due to Point Repairs or Obstructions	EA	375.00
A79	Mechanical Root / Grease removal	LF	10.00
A80	Tuberculation Removal / Specialty Cleaning	LF	50.00
A81	Other Remote Obstruction removal (max. 5 lf)	EA	862.50
A82	Smoke Testing	LF	2.30
A83	Manhole Inspections	EA	750.00
A84	Manhole/Cleanout & Sewer Line Visual Inspection	EA	230.00
A85	GPS Survey of Manholes & Cleanouts	EA	500.00
A86	Heavy Debris Removal - MAN ENTRY	EA	312.50
A87	Heavy Debris Removal - LARGE DIAMETER MAN ENTRY	EA	625.00
A88	Heavy Debris Removal - REMOTE ENTRY	LF	1250.00
A89	Dyed Water Flooding/Leak Quantification & Evaluation	EA	402.50
A90	Specialty Pipe Cleaning (all Diameters)	LF	36.25
<b>B</b>	<b>Centrifugally Cast Pipe Rehabilitation, Grouting and Related Items</b>		
B1	36" Pipe - Geopolymer Rehabilitation - 1" Thickness	LF	506.25
B2	42" Pipe - Geopolymer Rehabilitation - 1" Thickness	LF	537.50
B3	48" Pipe - Geopolymer Rehabilitation - 1" Thickness	LF	575.00
B4	54" Pipe - Geopolymer Rehabilitation - 1" Thickness	LF	806.25
B5	60" Pipe - Geopolymer Rehabilitation - 1.5" Thickness	LF	847.50
B6	66" Pipe - Geopolymer Rehabilitation - 1.5" Thickness	LF	893.75
B7	72" Pipe - Geopolymer Rehabilitation - 1.5" Thickness	LF	1062.50
B8	78" Pipe - Geopolymer Rehabilitation - 1.5" Thickness	LF	1156.25
B9	84" Pipe - Geopolymer Rehabilitation - 1.5" Thickness	LF	1343.75
B10	90" Pipe - Geopolymer Rehabilitation - 1.5" Thickness	LF	1500.00
B11	96" Pipe - Geopolymer Rehabilitation - 1.5" Thickness	LF	1875.00
B12	102" Pipe - Geopolymer Rehabilitation - 1.5" Thickness	LF	2250.00
B13	108" Pipe - Geopolymer Rehabilitation - 1.5" Thickness	LF	2875.00
B14	Greater than 108" Pipe - Geopolymer Rehabilitation - 1.5" Thickness	SF	175.00
B15	Non Round Sewer Pipe 1" Thickness	SF	68.75
B16	Each Additional .5" Thickness	SF	18.75
B17	Infiltration Control - Chemical Grout	GAL	125.00
B18	Infiltration Control - Quad-Plug (5 Gallon)	EA	62.50
B19	Rebuilt Invert - Flowable Fill	CF	175.00
B20	Rebuilt Invert - Quadflow	CF	200.00
B21	Rebuilt Invert - GeoKrete	CF	218.75
B22	Joint Preparation	LF	25.00
B23	Reinforcement with Carbon Fiber	SF	6.25
B24	Reinforcement with Welded Wire	SF	18.75
B25	Reinforcement with Rebar	LF	50.00
B26	Antimicrobial Application	SF	6.25
B27	Service Lateral	EACH	1250.00
B28	Set up - Ground Penetrating Radar (GPR)	EA	25000.00
B29	Ground Penetrating Radar (GPR) Study	LF	50.00
B30	Set up - Grouting	EA	25000.00
B31	Grout Injection Chemical Grouting	LB	30.00

B32	High Density Urethane for grouting, slab lifting, void filling, pipe sealing etc.(500lb.min)	LB	115.00
B33	All Sizes Annular space grouting cement slurry base	CUFT	75.00
B34	All Sizes Set-up for annular space grouting <100 cubic feet	LS	6250.00
B35	Set up Fee for Lateral or Mainline Grouting	EA	15000.00
B36	Lateral Grouting (4-8" laterals, in 8-18" mains)	EA	2000.00
B37	Mainline Joint Grouting (8-48")	EA	6500.00
<b>C</b>	<b>Cured-In-Place Pipe (CIPP) Rehabilitation and Related Items</b>		
C1	6" x 4.5mm - CIPP Steam / Water Cure	LF	46.00
C2	8" x 6.0mm - CIPP Steam / Water Cure	LF	43.70
C3	10" x 6.0mm - CIPP Steam / Water Cure	LF	48.30
C4	12" x 6.0mm - CIPP Steam / Water Cure	LF	66.70
C5	15" x 7.5mm - CIPP Steam / Water Cure	LF	80.50
C6	18" x 9.0mm - CIPP Steam / Water Cure	LF	97.75
C7	21" x 9.0mm - CIPP Steam / Water Cure	LF	132.25
C8	24" x 10.5mm - CIPP Steam / Water Cure	LF	161.00
C9	27" x 10.5mm - CIPP Steam / Water Cure	LF	184.00
C10	30" x 12.0mm - CIPP Steam / Water Cure	LF	218.50
C11	33" x 12.0mm - CIPP Steam / Water Cure	LF	258.75
C12	36" x 12.0mm - CIPP Steam / Water Cure	LF	287.50
C13	42" x 13.5mm - CIPP Steam / Water Cure	LF	322.00
C14	48" x 15.0mm - CIPP Steam / Water Cure	LF	540.50
C15	54" x 18.0mm - CIPP Steam / Water Cure	LF	690.00
C16	60" x 22.5mm - CIPP Steam / Water Cure	LF	812.50
C17	66" x 25mm - CIPP Steam / Water Cure	LF	1688.00
C18	72" x 28mm - CIPP Steam / Water Cure	LF	2000.00
C19	6" & 8" Additional 1.5mm - CIPP Steam / Water Cure	LF	1.15
C20	10" & 12" Additional 1.5mm - CIPP Steam / Water Cure	LF	5.75
C21	15" & 18" Additional 1.5mm - CIPP Steam / Water Cure	LF	17.25
C22	21" & 24" Additional 1.5mm - CIPP Steam / Water Cure	LF	28.75
C23	27" Additional 1.5mm - CIPP Steam / Water Cure	LF	34.00
C24	30" Additional 1.5mm - CIPP Steam / Water Cure	LF	40.25
C25	33" Additional 1.5mm - CIPP Steam / Water Cure	LF	46.00
C26	36" Additional 1.5mm - CIPP Steam / Water Cure	LF	51.75
C27	42" Additional 1.5mm - CIPP Steam / Water Cure	LF	57.50
C28	48" Additional 1.5mm - CIPP Steam / Water Cure	LF	69.00
C29	54" Additional 1.5mm - CIPP Steam / Water Cure	LF	80.50
C30	60" Additional 1.5mm - CIPP Steam / Water Cure	LF	93.75
C31	66" Additional 1.5mm - CIPP Steam / Water Cure	LF	107.00
C32	72" Additional 1.5mm - CIPP Steam / Water Cure	LF	119.00
C33	6" X 2.8mm - CIPP UV Cure	LF	67.50
C34	8 X 2.8mm - CIPP UV Cure	LF	65.00
C35	10 X 2.8mm - CIPP UV Cure	LF	68.75
C36	12" X 2.8mm - CIPP UV Cure	LF	76.25
C37	15" X 3.5mm - CIPP UV Cure	LF	92.50
C38	18" X 4.2mm - CIPP UV Cure	LF	131.25
C39	21" X 4.9mm - CIPP UV Cure	LF	168.75
C40	24" x 5.6mm - CIPP UV Cure	LF	210.00
C41	27" x 5.6mm - CIPP UV Cure	LF	273.75
C42	30" x 5.6mm - CIPP UV Cure	LF	300.00
C43	33" x 5.6mm - CIPP UV Cure	LF	338.75
C44	36" x 5.6mm - CIPP UV Cure	LF	381.25
C45	42" x 8.4mm - CIPP UV Cure	LF	583.75
C46	48" x 8.4mm - CIPP UV Cure	LF	676.25
C47	54" x 10.8mm - CIPP UV Cure	LF	1219.00
C48	60" x 12mm - CIPP UV Cure	LF	1563.00
C49	66" x 13.5mm - CIPP UV Cure	LF	1813.00
C50	72" x 15mm - CIPP UV Cure	LF	2188.00
C51	CIPP UV Cure - 6" Pipe Segmental Patches	EA	6000.00
C52	CIPP UV Cure - 8-12" Pipe Segmental Patches	EA	6750.00
C53	CIPP UV Cure - 13-18" Pipe Segmental Patches	EA	11250.00
C54	CIPP UV Cure - 19-24" Pipe Segmental Patches	EA	13250.00
C55	CIPP UV Cure - 25-36" Pipe Segmental Patches	EA	17500.00
C56	6" & 8" Additional 1.5mm - CIPP UV Cure	LF	1.15

C57	10" & 12" Additional 1.5mm - CIPP UV Cure	LF	5.75
C58	15" & 18" Additional 1.5mm - CIPP UV Cure	LF	17.25
C59	21" & 24" Additional 1.5mm - CIPP UV Cure	LF	28.75
C60	27" Additional 1.5mm - CIPP UV Cure	LF	34.50
C61	30" Additional 1.5mm - CIPP UV Cure	LF	40.25
C62	33" Additional 1.5mm - CIPP UV Cure	LF	46.00
C63	36" Additional 1.5mm - CIPP UV Cure	LF	51.75
C64	42" Additional 1.5mm - CIPP UV Cure	LF	57.50
C65	48" Additional 1.5mm - CIPP UV Cure	LF	69.00
C66	54" Additional 1.5mm - CIPP UV Cure	LF	80.50
C67	60" Additional 1.5mm - CIPP UV Cure	LF	93.75
C68	66" Additional 1.5mm - CIPP UV Cure	LF	144.00
C69	72" Additional 1.5mm - CIPP UV Cure	LF	182.00
C70	6" & 8" Additional .7mm - CIPP UV Cure	LF	5.00
C71	10" & 12" Additional .7mm - CIPP UV Cure	LF	8.75
C72	15" Additional .7mm - CIPP UV Cure	LF	11.25
C73	18" Additional .7mm - CIPP UV Cure	LF	12.50
C74	21" Additional .7mm - CIPP UV Cure	LF	15.00
C75	24" Additional .7mm - CIPP UV Cure	LF	17.50
C76	27" Additional .7mm - CIPP UV Cure	LF	18.75
C77	30" Additional .7mm - CIPP UV Cure	LF	21.25
C78	33" Additional .7mm - CIPP UV Cure	LF	22.50
C79	36" Additional .7mm - CIPP UV Cure	LF	25.00
C80	42" Additional .7mm - CIPP UV Cure	LF	36.25
C81	48" Additional .7mm - CIPP UV Cure	LF	52.50
C82	54" Additional .7mm - CIPP UV Cure	LF	88.00
C83	60" Additional .7mm - CIPP UV Cure	LF	107.00
C84	66" Additional .7mm - CIPP UV Cure	LF	125.00
C85	72" Additional .7mm - CIPP UV Cure	LF	144.00
C86	Robotically Reinstated Internal reconnects on all CIPP	EA	345.00
C87	Trim Protruding Services	EA	675.00
C88	6"-12" CIPP Set-up Charge	LF	8.75
C89	6" - 12" CIPP Setup Charge (< 300 LF)	EA	1250.00
C90	15"-18" CIPP Set-up Charge	LF	15.00
C91	15" - 21" CIPP Setup Charge (< 300 LF)	EA	1875.00
C92	21"-24" CIPP Set-up Charge	LF	22.50
C93	24" - 36" CIPP Setup Charge (< 300 LF)	EA	2500.00
C94	27"-36" CIPP Set-up Charge	LF	30.00
C95	36" or Larger CIPP Setup Charge (< 300 LF)	EA	5000.00
C96	42"-48" CIPP Set-up Charge	LF	30.00
C97	42-48" or Larger CIPP Setup Charge (< 300 LF)	EA	7500.00
C98	54-60" CIPP Set-up Charge	LF	70.00
C99	54-60" or Larger CIPP Setup Charge (< 300 LF)	EA	12000.00
C100	66-72" CIPP Set-up Charge	LF	95.00
C101	66-72" or Larger CIPP Setup Charge (< 300 LF)	EA	18000.00
C102	Backyard Easement Setup (6" - 10")	EA	3125.00
C103	Backyard Easement Setup (12" - 18")	EA	4375.00
C104	6" to 12" Backyard Easement Additional Set-up Per Install Length	LF	6.25
C105	15" to 24" Backyard Easement Additional Set-up Per Install Length	LF	12.50
C106	27" to 48" Backyard Easement Additional Set-up Per Install Length	LF	18.75
C107	Over the hole set up	EA	150000.00
C108	Over the hole set up weekly Rental	WK	75000.00
C109	Sectional - InternalPipe Point Repair with CIPP, 6" - 8" Diameter, minimum thickness (includes up to 5')	EA	6250.00
C110	Sectional - InternalPipe Point Repair with CIPP, 10" Diameter, minimum thickness (includes up to 5')	EA	8125.00
C111	Sectional - InternalPipe Point Repair with CIPP, 12" Diameter, minimum thickness (includes up to 5')	EA	8750.00
C112	Sectional - InternalPipe Point Repair with CIPP, 15" Diameter, minimum thickness (includes up to 5')	EA	9375.00
C113	Sectional - InternalPipe Point Repair with CIPP, 18" Diameter, minimum thickness (includes up to 5')	EA	11875.00
C114	Sectional - InternalPipe Point Repair with CIPP, 20" - 24" Diameter, minimum thickness (includes up to 4')	EA	13750.00
C115	Sectional - IPR - Additional Footage 6"-8"	LF	375.00
C116	Sectional - IPR - Additional Footage 10"	LF	500.00
C117	Sectional - IPR - Additional Footage 12"	LF	625.00
C118	Sectional - IPR - Additional Footage 15"	LF	750.00
C119	Sectional - IPR - Additional Footage 18"	LF	875.00
C120	Sectional - IPR - Additional Footage 20" - 24"	LF	1125.00

<b>D</b>	<b>Pipe Bursting Rehabilitation and Related Items</b>		
D1	Burst existing 6" to 6" IPS SDR 19 ( 0'- 8' deep)	LF	68.75
D2	Burst existing 6" to 6" IPS SDR 19 ( 8'- 12' deep)	LF	76.25
D3	Burst existing 6" to 6" IPS SDR 19 ( 12'- 16' deep)	LF	82.50
D4	Burst existing 6" or 8" to 8" IPS SDR 19 ( 0'- 8' deep)	LF	78.75
D5	Burst existing 6" or 8" to 8" IPS SDR 19 ( 8'- 12' deep)	LF	82.50
D6	Burst existing 6" or 8" to 8" IPS SDR 19 ( 12'- 16' deep)	LF	87.50
D7	Burst existing 8" or 10" to 10" IPS SDR 19 ( 0'- 8' deep)	LF	90.00
D8	Burst existing 8" or 10" to 10" IPS SDR 19 ( 8'- 12' deep)	LF	97.50
D9	Burst existing 8" or 10" to 10" IPS SDR 19 ( 12'- 16' deep)	LF	103.75
D10	Burst existing 10" or 12" to 12" IPS SDR 19 ( 0'- 8' deep )	LF	101.25
D11	Burst existing 10" or 12" to 12" IPS SDR 19 ( 8'- 12' deep)	LF	106.25
D12	Burst existing 10" or 12" to 12" IPS SDR 19 ( 12'- 16' deep )	LF	112.50
D13	Burst existing 12" or 15" to 16" IPS SDR 19 ( 0'- 8' deep)	LF	162.50
D14	Burst existing 12" or 15" to 16" IPS SDR 19 ( 8'- 12' deep)	LF	177.50
D15	Burst existing 12" or 15" to 16" IPS SDR 19 ( 12'- 16' deep)	LF	206.25
D16	Burst existing 15" or 18" to 18" IPS SDR 19 ( 0'- 8' deep )	LF	200.00
D17	Burst existing 15" or 18" to 18" IPS SDR 19 ( 8'- 12' deep)	LF	235.00
D18	Burst existing 15" or 18" to 18" IPS SDR 19 ( 12'- 16' deep)	LF	250.00
D19	Burst existing 18" or 21" to 22" IPS SDR 19 ( 0'- 8' deep)	LF	237.50
D20	Burst existing 18" or 21" to 22" IPS SDR 19 ( 8'- 12' deep)	LF	280.00
D21	Burst existing 18" or 21" to 22" IPS SDR 19 ( 12'- 16' deep )	LF	318.75
D22	Burst existing 21" or 24" to 24" IPS SDR 19 ( 0'- 8' deep)	LF	300.00
D23	Burst existing 21" or 24" to 24" IPS SDR 19 ( 8'- 12' deep)	LF	337.50
D24	Burst existing 21" or 24" to 24" IPS SDR 19 ( 12'- 16' deep)	LF	375.00
D25	Burst existing 24" or 27" to 28" IPS SDR 19 ( 0'- 8' deep)	LF	356.25
D26	Burst existing 24" or 27" to 28" IPS SDR 19 ( 8'- 12' deep)	LF	375.00
D27	Burst existing 24" or 27" to 28" IPS SDR 19 ( 12'- 16' deep)	LF	417.50
D28	Burst existing 27" or 30" to 30" IPS SDR 19 ( 0'- 8' deep)	LF	381.25
D29	Burst existing 27" or 30" to 30" IPS SDR 19 ( 8'- 12' deep)	LF	425.00
D30	Burst existing 27" or 30" to 30" IPS SDR 19 ( 12'- 16' deep)	LF	468.75
D31	8" - 12" Pipeburst Setup Charge (< 300 LF)	EA	4375.00
D32	16" - 22" Pipeburst Setup Charge (< 300 LF)	EA	5000.00
D33	24" or Larger Pipeburst Setup Charge (< 300 LF)	EA	8125.00
D34	Over 16' deep premium	LF	270.00
D35	Cutting or Removing Existing Liner	LF	202.50
<b>E</b>	<b>Pipe Bursting Rehabilitation Water Lines and Related Items</b>		
E1	Install 2" Fusible PVC or HDPE pre-chlorinated water line, SDR 11, in trench	LF	81.25
E2	Install 4" Fusible PVC or HDPE pre-chlorinated water line, SDR 11, in trench	LF	100.00
E3	Install 6" Fusible PVC or HDPE pre-chlorinated water line, SDR 11, in trench	LF	118.75
E4	Install 8" Fusible PVC or HDPE pre-chlorinated water line, SDR 11, in trench	LF	143.75
E5	Install 10" Fusible PVC or HDPE pre-chlorinated water line, SDR 11, in trench	LF	168.75
E6	Install 12" Fusible PVC or HDPE pre-chlorinated water line, SDR 11, in trench	LF	206.25
E7	6" Flow Stop	EA	8125.00
E8	8" Flow Stop	EA	9000.00
E9	10" Flow Stop	EA	11000.00
E10	12" Flow Stop	EA	13125.00
E11	3/4" Service Tap, Install on 4"-8" Waterline	EA	1250.00
E12	1" Service Tap, Install on 4"-8" Waterline	EA	1500.00
E13	1.5" Service Tap, Install on 4"-8" Waterline	EA	1812.50
E14	2" Service Tap, Install on 4"-8" Waterline	EA	2500.00
E15	3/4" Service Tap, Install on 10"-12" Waterline	EA	1250.00
E16	1" Service Tap, Install on 10"-12" Waterline	EA	1500.00
E17	1.5" Service Tap, Install on 10"-12" Waterline	EA	1812.50
E18	2" Service Tap, Install on 10"-12" Waterline	EA	2500.00
E19	Install 4"-8" tee, to any size	EA	4500.00
E20	Install 10"-12" tee, to any size	EA	6000.00
E21	Install 4"-8" mechanical joint wet connection, to any size	EA	3437.50
E22	Install 10"-12" wet connection, to any size	EA	7500.00
E23	Auger and encase 4"-8", all depths, complete in place (to include pipe in casing)	LF	381.25
E24	Auger and encase 10"-12", all depths, complete in place (to include pipe in casing)	LF	743.75
E25	Annual and void space grouting	CY	250.00
E26	Install 1" Corporation Stop with Valve Box	EA	500.00
E27	Install 2" Corporation Stop with Valve Box	EA	875.00

E28	Install 4" gate valve & box	EA	750.00
E29	Install 6" gate valve & box	EA	1000.00
E30	Install 8" gate valve & box	EA	1500.00
E31	Install 12" gate valve & box	EA	2750.00
E32	Install 8"x2" service saddle	EA	1125.00
E33	Install 12"x1" service saddle	EA	1500.00
E34	Install 12"x2" service saddle	EA	1625.00
E35	Connect new 1" water line w/existing 1" water line	EA	500.00
E36	Connect new 2" water line w/existing 2" water line	EA	625.00
E37	Connect new 4" water line w/existing 4" water line	EA	750.00
E38	Connect new 6" water line w/existing 6" water line	EA	875.00
E39	Connect new 8" water line w/existing 8" water line	EA	1000.00
E40	Connect new 12" water line w/existing 12" water line	EA	1250.00
E41	Install 3/4 inch service connections	EA	656.25
E42	Remove and dispose of existing fire hydrant	EA	625.00
E43	Salvage existing fire hydrant and re-install in new location	EA	4000.00
E44	Repair pavement with cold mix asphalt	TO	187.50
E45	Furnish and install 8" x 6" ductile iron fire hydrant tee	EA	668.75
E46	Furnish and install 6" ductile iron pipe fire hydrant lead piping	EA	781.25
E47	Furnish and install 8" x 6" fire hydrant or approved equal, including lead and FH valve	EA	5625.00
<b>F</b>	<b>HDPE Tight Fitting Liner (IPS diameters) and Related Items</b>		
F1	6" HDPE IPS SDR 21 ( 0'- 8' deep)	LF	57.50
F2	6" HDPE IPS SDR 21 ( 8'- 12' deep)	LF	63.25
F3	6" HDPE IPS SDR 21 ( 12'- 16' deep)	LF	69.00
F4	8" HDPE IPS SDR 21 ( 0'- 8' deep)	LF	57.50
F5	8" HDPE IPS SDR 21 ( 8'- 12' deep)	LF	63.25
F6	8" HDPE IPS SDR 21 ( 12'- 16' deep)	LF	69.00
F7	10" HDPE IPS SDR 21 ( 0'- 8' deep)	LF	63.25
F8	10" HDPE IPS SDR 21 ( 8'- 12' deep)	LF	69.00
F9	10" HDPE IPS SDR 21 ( 12'- 16' deep)	LF	74.75
F10	12" HDPE IPS SDR 21 ( 0'- 8' deep )	LF	74.75
F11	12" HDPE IPS SDR 21 ( 8'- 12' deep)	LF	80.50
F12	12" HDPE IPS SDR 21 ( 12'- 16' deep )	LF	86.25
F13	16" HDPE IPS SDR 21 ( 0'- 8' deep)	LF	86.25
F14	16" HDPE IPS SDR 21 ( 8'- 12' deep)	LF	97.75
F15	16" HDPE IPS SDR 21 ( 12'- 16' deep)	LF	115.00
F16	18" HDPE IPS SDR 21 ( 0'- 8' deep)	LF	103.50
F17	18" HDPE IPS SDR 21 ( 8'- 12' deep)	LF	115.00
F18	18" HDPE IPS SDR 21 ( 12'- 16' deep)	LF	138.00
F19	20" HDPE IPS SDR 21 ( 0'- 8' deep)	LF	138.00
F20	20" HDPE IPS SDR 21 ( 8'- 12' deep)	LF	149.50
F21	20" HDPE IPS SDR 21 ( 12'- 16' deep)	LF	166.75
F22	24" HDPE IPS SDR 21 ( 0'- 8' deep)	LF	161.00
F23	24" HDPE IPS SDR 21 ( 8'- 12' deep)	LF	172.50
F24	24" HDPE IPS SDR 21 ( 12'- 16' deep)	LF	189.75
F25	27" Installation of FRP or SRPCP segments (20 lf std. Segments)	LF	316.25
F26	30" Installation of FRP or SRPCP segments (20 lf std. Segments)	LF	345.00
F27	36" Installation of FRP or SRPCP segments (20 lf std. Segments)	LF	402.50
F28	42" Installation of FRP or SRPCP segments (20 lf std. Segments)	LF	460.00
F29	48" Installation of FRP or SRPCP segments (20 lf std. Segments)	LF	632.50
F30	54" Installation of FRP or SRPCP segments (20 lf std. Segments)	LF	690.00
F31	60" Installation of FRP or SRPCP segments (20 lf std. Segments)	LF	920.00
F32	72" Installation of FRP or SRPCP segments (20 lf std. Segments)	LF	1150.00
F33	27" Installation of FRP or SRPCP segments <10lf joints	LF	379.50
F34	30" Installation of FRP or SRPCP segments <10lf joints	LF	414.00
F35	36" Installation of FRP or SRPCP segments <10lf joints	LF	483.00
F36	42" Installation of FRP or SRPCP segments <10lf joints	LF	552.00
F37	48" Installation of FRP or SRPCP segments <10lf joints	LF	759.00
F38	54" Installation of FRP or SRPCP segments <10lf joints	LF	828.00
F39	60" Installation of FRP or SRPCP segments <10lf joints	LF	1104.00
F40	72" Installation of FRP or SRPCP segments <10lf joints	LF	1380.00
F41	27" Set-up for contiguous installations < 150 lf	LS	1150.00
F42	30" Set-up for contiguous installations < 150 lf	LS	2300.00
F43	36" Set-up for contiguous installations < 150 lf	LS	2300.00

F44	42" Set-up for contiguous installations < 150 lf	LS	2300.00
F45	48" Set-up for contiguous installations < 150 lf	LS	2300.00
F46	54" Set-up for contiguous installations < 150 lf	LS	2300.00
F47	60" Set-up for contiguous installations < 150 lf	LS	2300.00
F48	72" Set-up for contiguous installations < 150 lf	LS	2300.00
<b>G</b>	<b>Structure (Manhole) Rehabilitation, Corrosion Protection, and Related Items</b>		
G1	Rehabilitation (Standard 4-ft Diameter) - 1-inch Portland cementitious liner	VF	187.50
G2	Rehabilitation (Standard 5-ft Diameter) - 1-inch Portland cementitious liner	VF	200.00
G3	Rehabilitation (Standard 6-ft Diameter) - 1-inch Portland cementitious liner	VF	212.50
G4	Rehabilitation - each additional 1/2-inch Portland cementitious liner	SF	31.25
G5	Rehabilitation - 1-inch Portland cementitious liner	SF	43.75
G6	Rehabilitation (Standard 4-ft Diameter) - 1-inch Calcium Aluminate liner	VF	250.00
G7	Rehabilitation (Standard 5-ft Diameter) - 1-inch Calcium Aluminate liner	VF	287.50
G8	Rehabilitation (Standard 6-ft Diameter) - 1-inch Calcium Aluminate liner	VF	325.00
G9	Rehabilitation - each additional 1/2-inch Calcium Aluminate liner	SF	37.50
G10	Rehabilitation - 1-inch Calcium Aluminate liner	SF	50.00
G11	Rehabilitation (Standard 4-ft Diameter) - 1-inch Geopolymer liner	VF	500.00
G12	Rehabilitation (Standard 5-ft Diameter) - 1-inch Geopolymer liner	VF	562.50
G13	Rehabilitation (Standard 6-ft Diameter) - 1-inch Geopolymer liner	VF	625.00
G14	Rehabilitation - each additional 1/2-inch Geopolymer liner	SF	43.75
G15	Rehabilitation - 1-inch Geopolymer liner	SF	56.25
G16	Rehabilitation (Standard 4-ft Diameter) - 125 mil Epoxy / Polyurea / or approved equal	VF	687.50
G17	Rehabilitation (Standard 5-ft Diameter) - 125 mil Epoxy / Polyurea / or approved equal	VF	812.50
G18	Rehabilitation (Standard 6-ft Diameter) - 125 mil Epoxy / Polyurea / or approved equal	VF	937.50
G19	Rehabilitation - 125 mil Epoxy / Polyurea / or approved equal	SF	100.00
G20	Rehabilitation (Standard 4-ft Diameter) - 1" Cementitious + 125 mils Epoxy / Polyurea	VF	750.00
G21	Rehabilitation (Standard 5-ft Diameter) - 1" Cementitious + 125 mils Epoxy / Polyurea	VF	812.50
G22	Rehabilitation (Standard 6-ft Diameter) - 1" Cementitious + 125 mils Epoxy / Polyurea	VF	875.00
G23	Rehabilitation - Composite System - 1" Cementitious + 125 mils Epoxy / Polyurea	SF	218.75
G24	Rebuild Bench and Invert	EA	1250.00
G25	Invert Installation, 4' Dia.	EACH	1750.00
G26	Invert Installation, 5' Dia.	EACH	1875.00
G27	Invert Installation, 6' Dia.	EACH	2125.00
G28	Invert Installation, Other Configurations	SF	3125.00
G29	All Sizes Installation of Manhole Chimney Seal	EA	690.00
G30	Vacuum Test Manhole (12" mainline or smaller)	EA	500.00
G31	Holiday Test Manhole (Epoxy Only)	EA	500.00
G32	New manhole frame and cover - 24"	EA	1062.50
G33	New manhole frame and cover - 32"	EA	1875.00
G34	Locate and Expose Buried Manhole, Street	EA	1250.00
G35	Locate and Expose Buried Manhole, Non-Street	EA	937.50
G36	Adjust manhole frame and cover up to 1 Ft	EA	1187.50
G37	Adjust manhole frame and cover over 1 Ft	VF	625.00
G38	Raise manhole frame and cover in Asphalt /Concrete	EA	3125.00
G39	Raise manhole frame and cover in Grass	EA	2500.00
G40	Replace manhole frame and cover in Asphalt /Concrete	EA	5000.00
G41	Replace manhole frame and cover in Grass	EA	3750.00
G42	Premium manhole frame and cover ( i.e. CertainTeed PAM locking units etc.) 24"	EA	2000.00
G43	Premium manhole frame and cover ( i.e. CertainTeed PAM locking units etc.) 32"	EA	2400.00
G44	Installation of FRP rehabilitation structures up to 6' depth (Standard 4-ft Diameter)	EA	25000.00
G45	Additional depth for FRP rehabilitation structures (Standard 4-ft Diameter)	VF	2500.00
G46	All Sizes Installation of poured in place structure	SF	112.50
G47	All Sizes Set-up for install of poured in place MH structure or FRP	LS	1725.00
<b>H</b>	<b>Excavation and Related Items</b>		
H1	Mobilization for open cut	EA	30000.00
H2	Construction Entrance/Exit, Installation and Removal	EA	9750.00
H3	Construction Entrance/Exit, Install Only	EA	6750.00
H4	Easement Access Road-14'Width, Install and Removal	LF	262.50
H5	Easement Access Road-14'Width, Install only	LF	225.00
H6	Temporary Creek Crossing (12" / 15" Diameter Pipes Installed)	LF	975.00
H7	Temporary Creek Crossing (18" / 24" Diameter Pipes Installed)	LF	1125.00
H8	Temporary Creek Crossing (36" Diameter Pipes Installed)	LF	1425.00
H9	Temporary Creek Crossing (42" Diameter Pipes Installed)	LF	1800.00
H10	6" - 8" Point repair (max 12' deep) 5 LF	EA	22500.00

H11	10" - 12" Point repair (0 - 12' deep) 5 LF	EA	27000.00
H12	15" - 18" Point repair (0 - 12' deep) 5 LF	EA	37500.00
H13	21" - 24" Point repair (0 - 12' deep) 5 LF	EA	45000.00
H14	30" Point repair (0 - 12' deep) 5 LF	EA	75000.00
H15	36" Point repair (0 - 12' deep) 5 LF	EA	90000.00
H16	42" Point repair (0 - 12' deep) 5 LF	EA	105000.00
H17	48" Point repair (0 - 12' deep) 5 LF	EA	112500.00
H18	54" Point repair (0 - 12' deep) 5 LF	EA	120000.00
H19	60" Point repair (0 - 12' deep) 5 LF	EA	127500.00
H20	66" Point repair (0 - 12' deep) 5 LF	EA	135000.00
H21	72" Point repair (0 - 12' deep) 5 LF	EA	142500.00
H22	78" Point repair (0 - 12' deep) 5 LF	EA	150000.00
H23	84" Point repair (0 - 12' deep) 5 LF	EA	157500.00
H24	96" Point repair (0 - 12' deep) 5 LF	EA	165000.00
H25	108" Point repair (0 - 12' deep) 5 LF	EA	172500.00
H26	Point Repair >5 LF and / or Open Cut - 6" - 8" (0 - 12' deep)	LF	675.00
H27	Point Repair >5 LF and / or Open Cut - 10" - 12" (0 - 12' deep)	LF	810.00
H28	Point Repair >5 LF and / or Open Cut - 15" - 18" (0 - 12' deep)	LF	1125.00
H29	Point Repair >5 LF and / or Open Cut - 21" - 24" (0 - 12' deep)	LF	1350.00
H30	Point Repair >5 LF and / or Open Cut - 30" (0 - 12' deep)	LF	2250.00
H31	Point Repair >5 LF and / or Open Cut - 36" (0 - 12' deep)	LF	2700.00
H32	Point Repair >5 LF and / or Open Cut - 42" (0 - 12' deep)	LF	3150.00
H33	Point Repair >5 LF and / or Open Cut - 48" (0 - 12' deep)	LF	3375.00
H34	Point Repair >5 LF and / or Open Cut - 54" (0 - 12' deep)	LF	3600.00
H35	Point Repair >5 LF and / or Open Cut - 60" (0 - 12' deep)	LF	3825.00
H36	Point Repair >5 LF and / or Open Cut - 66" (0 - 12' deep)	LF	4050.00
H37	Point Repair >5 LF and / or Open Cut - 72" (0 - 12' deep)	LF	4275.00
H38	Point Repair >5 LF and / or Open Cut - 78" (0 - 12' deep)	LF	4500.00
H39	Point Repair >5 LF and / or Open Cut - 84" (0 - 12' deep)	LF	4725.00
H40	Point Repair >5 LF and / or Open Cut - 96" (0 - 12' deep)	LF	4950.00
H41	Point Repair >5 LF and / or Open Cut - 108" (0 - 12' deep)	LF	5175.00
H42	Point Repair adder for any diameter pipe over 12' deep	LF	3000.00
H43	Connection to existing manhole for open cut installation	EA	2500.00
H44	Add/Deduct cost for providing 6" DIP in lieu of PVC pipe	LF	67.50
H45	Add/Deduct cost for providing 8" DIP in lieu of PVC pipe	LF	75.00
H46	Add/Deduct cost for providing 10" DIP in lieu of PVC pipe	LF	90.00
H47	Add/Deduct cost for providing 12" DIP in lieu of PVC pipe	LF	97.50
H48	Add/Deduct cost for providing 15" DIP in lieu of PVC pipe	LF	142.50
H49	Add/Deduct cost for providing 18" DIP in lieu of PVC pipe	LF	172.50
H50	Add/Deduct cost for providing 20" DIP in lieu of PVC pipe	LF	195.00
H51	Add/Deduct cost for providing 24" DIP in lieu of PVC pipe	LF	270.00
H52	Access Pit (0'-8' deep)	EA	3593.75
H53	Access Pit (8'-12' deep)	EA	5031.25
H54	Access Pit (12'-16' deep)	EA	9343.75
H55	Access Pit (16'-20' deep)	EA	12218.75
H56	Access Pit (over 20' deep)	EA	18750.00
H57	Trench safety (0-8' deep)	LF	7.19
H58	Trench safety (8-12' deep)	LF	11.25
H59	Trench safety (12-16' deep)	LF	25.00
H60	Trench safety (16-20' deep)	LF	43.75
H61	Trench safety over 20' deep)	LF	125.00
H62	Obstruction Removal ( 0'- 12' deep )	EA	4312.50
H63	Obstruction Removal ( 12'- 15' deep )	EA	7187.50
H64	External reconnect ( 0'- 8' deep) up to 5 linear feet	EA	1581.25
H65	External reconnect ( 8'- 12' deep) up to 5 linear feet	EA	2156.25
H66	External reconnect ( 12'- 16' deep) up to 5 linear feet	EA	5031.25
H67	External reconnect ( 16-20' deep) up to 5 linear feet	EA	12218.75
H68	External reconnect ( over 20' deep) up to 5 linear feet	EA	17968.75
H69	Extra length service connection over 5 linear feet	LF	158.75
H70	Remove and replace or install service line cleanout	EA	5250.00
H71	Remove and replace or install cleanout	EA	2300.00
H72	Lid Removal / Replacement / Modification	EA	37500.00
H73	Pipe Seal Fix (8" Diameter)-Stainless Steel with EDPM	EA	4375.00
H74	Pipe Seal Fix (10" Diameter)-Stainless Steel with EDPM	EA	4550.00
H75	Pipe Seal Fix (12" Diameter)-Stainless Steel with EDPM	EA	4725.00



H76	Pipe Seal Fix (15" Diameter)-Stainless Steel with EDPM	EA	5075.00
H77	Pipe Seal Fix (18" Diameter)-Stainless Steel with EDPM	EA	5425.00
H78	Pipe Seal Fix (21" Diameter)-Stainless Steel with EDPM	EA	5950.00
H79	Pipe Seal Fix (24" Diameter)-Stainless Steel with EDPM	EA	6650.00
H80	Unsuitable Soil Replacement (Crusher Run)	CY	225.00
H81	Unsuitable Soil Replacement (Imported fill)	CY	300.00
H82	Potholing for Nearby Utility Location or Obstruction Removal (0'-8' deep)	EA	2875.00
H83	Potholing for Nearby Utility Location or Obstruction Removal (8'-12' deep)	EA	3593.75
H84	Potholing for Nearby Utility Location or Obstruction Removal (12'-16' deep)	EA	5031.25
H85	Potholing for Nearby Utility Location or Obstruction Removal (16'-20' deep)	EA	9343.75
H86	Insert 24-32" Plastic Manhole Dish Insert	EA	375.00
H87	Insert 24-32" Stainless Manhole Dish Insert	EA	750.00
H88	Install New Manhole Frame and Cover - 24 or 32"	EA	5250.00
H89	Adjust existing Manhole Frame and Cover	EA	4500.00
H90	Install New 4' DIA precast manhole 0' - 6' deep	EA	7475.00
H91	Extra depth 4' DIA precast manhole over 6' deep	VF	791.25
H92	Install New 5' DIA precast manhole 0' - 6' deep	EA	9775.00
H93	Extra depth 5' DIA precast manhole over 6' deep	VF	1078.75
H94	Install New 6' DIA precast manhole 0' - 6' deep	EA	14087.50
H95	Extra depth 6' DIA precast manhole over 6' deep	VF	1517.50
H96	Install New 4' DIA fiberglass manhole 0' - 6' deep	EA	7906.25
H97	Extra depth 4' DIA fiberglass manhole over 6' deep	VF	791.25
H98	Install New 5' DIA fiberglass manhole 0' - 6' deep	EA	10062.50
H99	Extra depth 5' DIA fiberglass manhole over 6' deep	VF	1142.50
H100	Install New 6' DIA fiberglass manhole 0' - 6' deep	EA	17250.00
H101	Extra depth 6' DIA fiberglass manhole over 6' deep	VF	1517.50
H102	Sanitary Sewer Structure, Type B Structure, Up to 6' deep	EA	17968.75
H103	Extra Depth Type B Structure, greater than 6' depth	VF	1078.75
H104	Sanitary Sewer Structure, Type C Structure, Up to 6' deep	EA	17968.75
H105	Extra Depth Type C Structure, greater than 6' depth	VF	1078.75
H106	Cement stabilized sand	TON	55.00
H107	Granular backfill/Crushed Rock	TON	51.25
H108	Flowable Fill	CY	208.75
H109	Dewatering setup (well pointing) maximum 25' deep, includes 20 linear feet setup	EA	10781.25
H110	Extra length dewatering over 20 linear feet	LF	125.00
H111	Operation Maintain Well Points by the Day	DY	1222.50
H112	Extra hand excavation	CF	180.00
H113	Timber Matting for Large Diameter Setup	SY	93.75
H114	Channel Excavation	CY	62.50
H115	Debris Removal	CY	81.25
H116	Clearing and Grubbing	ACRE	5625.00
H117	Tree Protection Fence	LF	225.00
H118	Tree Removal (6" – 12")	EA	1875.00
H119	Tree Removal (13" – 23")	EA	3750.00
H120	Tree Removal (> 24")	EA	6250.00
H121	Rework Catch basin Cover to Accept New Manhole Covers	EA	1500.00
H122	Seismic Monitoring	EA	30000.00
H123	Saw Cutting up to 8" depth	LF	11.25
H124	Saw Cutting over 8" depth	LF	15.00
H125	Specialty Brick Paver/Sidewalk Replacement	SF	450.00
H126	Repair/Rehab 2" Asphalt pavement	SF	65.00
H127	Repair/Rehab 8" Flex base	SF	57.50
H128	Repair/Rehab 8" Concrete	SF	216.25
H129	Repair/Rehab 6" Concrete	SF	151.25
H130	Repair/Rehab 4" Concrete	SF	122.50
H131	Repair/Rehab Concrete curb and gutter	LF	36.25
H132	Granite Curb, Remove and Reset	LF	36.25
H133	Seeding	SF	7.50
H134	Sodding	SF	36.25
H135	Repair/Rehab chain link fence with new	LF	31.25
H136	Repair/Rehab wooden fence with new	LF	36.25
H137	Topsoil Complete	CY	51.25
H138	Sanding Complete	CY	51.25
H139	Mulch Complete	CY	51.25
H140	Straw Bale Barrier	LF	25.00

H141	Tree Replacement: Hardwoods, 2"	EA	1078.75
H142	Tree Replacement: Pines, 2"	EA	1078.75
H143	Shrub Replacement: 1 Gallon	EA	50.00
H144	Shrub Replacement: 3 Gallon	EA	78.75
H145	Shrub Replacement: 5 Gallon	EA	102.50
H146	Shrub Replacement: 7 Gallon	EA	152.50
H147	Bedding Flowers: Per Flat of 18"	EA	718.75
H148	Stone Rip Rap Type I, 24" In Place Complete	SY	325.00
H149	Riprap, Type II (Installed)	SY	325.00
H150	Stone Rip Rap Type III, 12" In Place Complete	SY	360.00
H151	Stone Grouted Rip Rap - 12" Installed	SY	200.00
H152	Silt Fence Type A, Complete	LF	15.00
H153	Silt Fence Type C, Complete	LF	10.00
H154	Silt Fence - Type C, Double Row	LF	30.00
H155	Inlet Sediment Trap	EA	375.00
H156	Orange Barrier Fence	LF	7.50
H157	Hay Bales Complete	EA	200.00
H158	Plastic Filter Fabric Installed	SY	12.50
H159	Permanent Soil Reinforced Mat Installed	SF	156.25
<b>I</b>	<b>Horizontal Directional Drilling (HDD) and Related Items</b>		
I1	2"-4" Installation of pipe clay ground conditions (pipe cost excluded)	IN/DIA	48.49
I2	2"-4" Installation of pipe loose sand ground conditions (pipe cost excluded)	IN/DIA	48.49
I3	2"-4" Installation of pipe rock ground conditions<3000 psi (pipe cost excluded)	IN/DIA	56.25
I4	2"-4" Installation of pipe rock ground conditions 3-8000 psi (pipe cost excluded)	IN/DIA	58.60
I5	2"-4" Installation of pipe ground conditions per 1000 psi increase over 8000 psi	IN/DIA	7.04
I6	6"-8" Installation of pipe clay ground conditions (pipe cost excluded)	IN/DIA	54.10
I7	6"-8" Installation of pipe loose sand ground conditions (pipe cost excluded)	IN/DIA	54.10
I8	6"-8" Installation of pipe rock ground conditions<3000 psi (pipe cost excluded)	IN/DIA	61.14
I9	6"-8" Installation of pipe rock ground conditions 3-8000 psi (pipe cost excluded)	IN/DIA	74.01
I10	6"-8" Installation of pipe ground conditions per 1000 psi increase over 8000 psi	IN/DIA	10.16
I11	10"-12" Installation of pipe clay ground conditions (pipe cost excluded)	IN/DIA	58.60
I12	10"-12" Installation of pipe loose sand ground conditions (pipe cost excluded)	IN/DIA	58.60
I13	10"-12" Installation of pipe rock ground conditions<3000 psi (pipe cost excluded)	IN/DIA	63.35
I14	10"-12" Installation of pipe rock ground conditions 3-8000 psi (pipe cost excluded)	IN/DIA/LF	87.89
I15	10"-12" Installation of pipe ground conditions per 1000 psi increase over 8000 psi	IN/DIA/LF	17.19
I16	15"-18" Installation of pipe clay ground conditions (pipe cost excluded)	IN/DIA	200.89
I17	15"-18" Installation of pipe loose sand ground conditions (pipe cost excluded)	IN/DIA	200.89
I18	15"-18" Installation of pipe rock ground conditions<3000 psi (pipe cost excluded)	IN/DIA	260.43
I19	15"-18" Installation of pipe rock ground conditions 3-8000 psi (pipe cost excluded)	IN/DIA/LF	281.25
I20	15"-18" Installation of pipe ground conditions per 1000 psi increase over 8000 psi	IN/DIA/LF	32.55
I21	21"-24" Installation of pipe clay ground conditions (pipe cost excluded)	IN/DIA	234.38
I22	21"-24" Installation of pipe loose sand ground conditions (pipe cost excluded)	IN/DIA	234.38
I23	21"-24" Installation of pipe rock ground conditions<3000 psi (pipe cost excluded)	IN/DIA	319.61
I24	21"-24" Installation of pipe rock ground conditions 3-8000 psi (pipe cost excluded)	IN/DIA/LF	390.63
I25	21"-24" Installation of pipe ground conditions per 1000 psi increase over 8000 psi	IN/DIA/LF	39.95
I26	Access Pit for Directional Drill (0'-8' deep)	EA	1382.81
I27	Access Pit for Directional Drill (8'-12' deep)	EA	2082.81
I28	Access Pit for Directional Drill (12'-16' deep)	EA	3703.13
I29	Access Pit for Directional Drill (16'-20' deep)	EA	6945.31
I30	2"-4" Set-up for contiguous lengths <150 lf	LS	4531.25
I31	6"-8" Set-up for contiguous lengths <150 lf	LS	4531.25
I32	10"-12" Set-up for contiguous lengths <150 lf	LS	4531.25
I33	15"-18" Set-up for contiguous lengths <150 lf	LS	4531.25
I34	21"-24" Set-up for contiguous lengths <150 lf	LS	4531.25
I35	27"-36" Set-up for contiguous lengths <150 lf	LS	4531.25
<b>J</b>	<b>Bypass for Gravity Pipelines and Related Items</b>		
J1	Set up 4" pump and piping including up to 1000 feet of bypass discharge line	EA	3198.75
J2	Set up 6" pump and piping including up to 1000 feet of bypass discharge line	EA	6000.00
J3	Set up 8" pump and piping including up to 1000 feet of bypass discharge line	EA	13750.00
J4	Set up 10" pump and piping including up to 1000 feet of bypass discharge line	ea	20000.00
J5	Set up 12" pump and piping including up to 1000 feet of bypass discharge line	EA	21750.00
J6	Set up 18" pump and piping including up to 1000 feet of bypass discharge line	EA	33750.00
J7	Set Up Additional Length 4" Bypass Discharge Line over 1000 feet	LF	40.00
J8	Set Up Additional Length 6" Bypass Discharge Line over 1000 feet	LF	45.00

J9	Set Up Additional Length 8" Bypass Discharge Line over 1000 feet	LF	45.00
J10	Set Up Additional Length 10" Bypass Discharge Line over 1000 feet	LF	60.00
J11	Set Up Additional Length 12" Bypass Discharge Line over 1000 feet	LF	110.00
J12	Set Up Additional Length 18" Bypass Discharge Line over 1000 feet	LF	165.00
J13	Operate 4" pumping System per pump	DY	625.00
J14	Operate 4" Hoses - includes up to 20' of suction & 1,000' of lay flat	DY	600.00
J15	Operate 4" Hoses - Additional 20' Suction	DY	30.00
J16	Operate 4" Hoses - Additional 50' Lay flat	DY	30.00
J17	Operate 6" pumping System per pump	DY	3200.00
J18	Operate 6" Hoses - includes up to 20' of suction & 1,000' of lay flat	DY	750.00
J19	Operate 6" Hoses - Additional 20' Suction	DY	40.00
J20	Operate 6" Hoses - Additional 50' Lay flat	DY	40.00
J21	Operate 8" pumping System per pump	DY	6800.00
J22	Operate 8" Hoses - includes up to 20' of suction & 500' of HDPE or Aluminum Bauer Pipe	DY	275.00
J23	Operate 8" Hoses - Additional 10' Suction	DY	50.00
J24	Operate 8" Hoses - Additional 20' HDPE or Aluminum Bauer Pipe	DY	8.00
J25	Operate 10" pumping System per pump	DY	8500.00
J26	Operate 10" Hoses - includes up to 20' of suction & 500' of HDPE or Aluminum Bauer Pipe	DY	750.00
J27	Operate 10" Hoses - Additional 10' Suction	DY	55.00
J28	Operate 10" Hoses - Additional 20' HDPE or Aluminum Bauer Pipe	DY	20.00
J29	Operate 12" pumping System per pump	DY	10500.00
J30	Operate 12" Hoses - includes up to 20' of suction & 500' of HDPE	DY	925.00
J31	Operate 12" Hoses - Additional 10' Suction Hard Pipe	DY	15.00
J32	Operate 12" Hoses - Additional 20' HDPE	DY	30.00
J33	Operate 18" pumping System per pump	DY	21500.00
J34	Operate 18" Hoses - includes up to 20' of suction & 500' of Fused HDPE Pipe	DY	1000.00
J35	Operate 18" Hoses - Additional 10' Suction	DY	20.00
J36	Operate 18" Hoses - Additional 50' HDPE	DY	65.00
J37	Tear down 4" pump and piping including 1000 feet of bypass discharge line	EA	3000.00
J38	Tear down 6" pump and piping including 1000 feet of bypass discharge line	EA	3750.00
J39	Tear down 8" pump and piping including 1000 feet of bypass discharge line	EA	5375.00
J40	Tear down 10" pump and piping including 1000 feet of bypass discharge line	EA	7500.00
J41	Tear down 12" pump and piping including 1000 feet of bypass discharge line	EA	5250.00
J42	Tear down 18" pump and piping including 1000 feet of bypass discharge line	EA	6875.00
J43	Tear Down Additional Length 4" Bypass Discharge Line over 1000 feet	LF	40.00
J44	Tear Down Additional Length 6" Bypass Discharge Line over 1000 feet	LF	45.00
J45	Tear Down Additional Length 8" Bypass Discharge Line over 1000 feet	LF	50.00
J46	Tear Down Additional Length 10" Bypass Discharge Line over 1000 feet	LF	65.00
J47	Tear Down Additional Length 12" Bypass Discharge Line over 1000 feet	LF	115.00
J48	Tear Down Additional Length 18" Bypass Discharge Line over 1000 feet	LF	170.00
J49	Bypass - Driveway Ramp (Setup, Operate, Maintain)	DY	3750.00
J50	8" ROAD CROSSING	DY	156.25
J51	10" BRIDGE STYLE ROAD CROSSING	DY	375.00
J52	10" ROAD CROSSING DOUBLE WIDE	DY	156.25
J53	12" ROAD CROSSING	DY	91.25
J54	12" ROAD CROSSING DOUBLE WIDE	DY	156.25
J55	18" ROAD CROSSING	DY	235.00
J56	Bypass - Street Ramp (Setup, Operate, Maintain)	DY	3750.00
J57	Bypass - Street Trenching excluding restoration for 8" Pipe (Setup, Operate, Maintain)	LF	115.00
J58	Bypass - Street Trenching excluding restoration for 12" Pipe (Setup, Operate, Maintain)	LF	115.00
J59	Bypass - Street Trenching excluding restoration for 18" Pipe (Setup, Operate, Maintain)	LF	115.00
J60	PIPE FUSION MACHINE 6"-18"	DY	780.00
J61	PIPE FUSION MACHINE 4" - 12"	DY	687.50
J62	PUMP 1" TO 1.5" AOD	DY	83.75
J63	PUMP 2" AOD	DY	58.75
J64	PUMP 3" AOD	DY	145.00
J65	PUMP 2" GAS TRASH	DY	93.75
J66	PUMP 3" GAS TRASH	DY	132.50
J67	PUMP 4" GAS TRASH	DY	183.75
J68	PUMP 3" DIESEL	DY	132.50
J69	PUMP 4" DIESEL	DY	191.25
J70	PUMP 6" DIESEL	DY	238.75
J71	PUMP 6" PISTON DBA-WELLPOINT - DIESEL	DY	238.75
J72	PUMP 8" DIESEL	DY	562.50
J73	PUMP 8" PISTON DBA-WELLPOINT - DIESEL	DY	562.50

J74	PUMP 10" DIESEL	DY	781.25
J75	PUMP 12" DIESEL	DY	750.00
J76	PUMP 14" DIESEL	DY	947.50
J77	PUMP 18" DIESEL	DY	1531.25
J78	4" HYDRAULIC PUMP HEAD	DY	156.25
J79	6" HYDRAULIC PUMP HEAD	DY	187.50
J80	8" HYDRAULIC PUMP HEAD	DY	235.00
J81	12" HYDRAULIC PUMP HEAD	DY	312.50
J82	HYDRAULIC POWER UNIT - 25HP	DY	235.00
J83	HYDRAULIC POWER UNIT - 65HP	DY	312.50
J84	HYDRAULIC POWER UNIT - 150HP	DY	730.00
J85	4 X 10 BAUER PIPE	DY	23.75
J86	6 X 10 BAUER PIPE	DY	23.75
J87	6 X 20 BAUER PIPE	DY	31.25
J88	8 X 10 BAUER PIPE	DY	31.25
J89	8 X 20 BAUER PIPE	DY	31.25
J90	PUMP HYDROSTATIC TEST 10K PSI AIR	MIN	53.75
J91	PUMP HYDROSTATIC TEST 8K PSI	MIN	73.75
J92	HOSE 8' PUMP HYDROSTATIC TEST	DY	91.25
J93	PUMP WATCH (each 8 Hour Shift)	EA	2500.00
J94	HYDROSTATIC TESTING OF PIPING	HR	500.00
J95	24 HOUR SYSTEM TEST	HR	500.00
J96	SWPPP	EA	3125.00
J97	6 X 6 CONTAINMENT BERM	DAY	78.75
J98	12 X 12 CONTAINMENT BERM	DAY	156.25
J99	PLUG TEST 6"-10"	DAY	65.00
J100	PLUG TEST 8"-12"	DAY	75.00
J101	PLUG TEST 12"-18"	DAY	85.00
J102	PLUG TEST 15"-30"	DAY	125.00
J103	PLUG TEST 24"-48"	DAY	325.00
J104	PLUG TEST 36"-60"	DAY	500.00
J105	PLUG TEST 48"-72"	DAY	850.00
J106	PLUG TEST 60"-96"	DAY	950.00
J107	Installation and Removal of Cofferdam	EA	10000.00
J108	Installation and Removal of Aqua Barrier	EA	20000.00
J109	Rental of Aqua Barrier	WK	5000.00
J110	Installation and Removal of Plugs 6" - 18"	EA	1500.00
J111	Installation and Removal of Plugs 24"-48"	EA	2500.00
J112	Installation and Removal of Plugs 48" and Greater	EA	5000.00
J113	Installation and Removal of Earthen Dam	EA	50000.00
J114	Installation and Removal of Sheet Piling	LF	750.00
J115	Installation and Removal of Dewatering Box	EA	25000.00
J116	Diver - Mobilization Over 100 Miles	EA	1875.00
J117	Diver - Pipe Cleaning / Dredging To Install Plug	HR	312.50
J118	Diver - Installation 1st Plug-60inch And Smaller (removal Same As Install)	EA	1875.00
J119	Diver - Installation 5 Or More Plugs Same Day (day Rate) (removal Same As Install)	EA	3750.00
J120	Diver - Install Additional Plugs On Same Mob (removal Same As Install)	EA	1500.00
J121	Diver - Installation Plug 60 Inch And Greater (removal Same As Install)	EA	2500.00
J122	Diver - Day Rate For Dive Team, Underwater Power Tools & Video (day Rate)	EA	3750.00
<b>K</b>	<b>CIPP Pressure Pipe Lining for Potable and Non-Potable Pressure Pipelines and Related Items</b>		
K1	6" Installation of Pressure Pipe Lining (Potable)	LF	450.00
K2	8" Installation of Pressure Pipe Lining (Potable)	LF	506.25
K3	10" Installation of Pressure Pipe Lining (Potable)	LF	581.25
K4	12" Installation of Pressure Pipe Lining (Potable)	LF	645.00
K5	15" Installation of Pressure Pipe Lining (Potable)	LF	731.25
K6	18" Installation of Pressure Pipe Lining (Potable)	LF	881.25
K7	21" Installation of Pressure Pipe Lining (Potable)	LF	982.50
K8	24" Installation of Pressure Pipe Lining (Potable)	LF	1098.75
K9	27" Installation of Pressure Pipe Lining (Potable)	LF	1200.00
K10	30" Installation of Pressure Pipe Lining (Potable)	LF	1481.25
K11	33" Installation of Pressure Pipe Lining (Potable)	LF	1725.00
K12	36" Installation of Pressure Pipe Lining (Potable)	LF	1897.50
K13	39" Installation of Pressure Pipe Lining (Potable)	LF	2182.50
K14	42" Installation of Pressure Pipe Lining (Potable)	LF	2587.50

K15	48" Installation of Pressure Pipe Lining (Potable)	LF	3450.00
K16	54" Installation of Pressure Pipe Lining (Potable)	LF	4125.00
K17	6" Reinforced Pressure Pipe Lining (Non-Potable)	LF	337.50
K18	8" Reinforced Pressure Pipe Lining (Non-Potable)	LF	412.50
K19	10" Reinforced Pressure Pipe Lining (Non-Potable)	LF	487.50
K20	12" Reinforced Pressure Pipe Lining (Non-Potable)	LF	562.50
K21	15" Reinforced Pressure Pipe Lining (Non-Potable)	LF	637.50
K22	18" Reinforced Pressure Pipe Lining (Non-Potable)	LF	787.50
K23	21" Reinforced Pressure Pipe Lining (Non-Potable)	LF	870.00
K24	24" Reinforced Pressure Pipe Lining (Non-Potable)	LF	1068.75
K25	27" Reinforced Pressure Pipe Lining (Non-Potable)	LF	1200.00
K26	30" Reinforced Pressure Pipe Lining (Non-Potable)	LF	1368.75
K27	33" Reinforced Pressure Pipe Lining (Non-Potable)	LF	1612.50
K28	36" Reinforced Pressure Pipe Lining (Non-Potable)	LF	1897.50
K29	39" Reinforced Pressure Pipe Lining (Non-Potable)	LF	2081.25
K30	42" Reinforced Pressure Pipe Lining (Non-Potable)	LF	2512.50
K31	48" Reinforced Pressure Pipe Lining (Non-Potable)	LF	3375.00
K32	54" Reinforced Pressure Pipe Lining (Non-Potable)	LF	3750.00
K33	6" Installation of End Seal	EA	5175.00
K34	8" Installation of End Seal	EA	5175.00
K35	10" Installation of End Seal	EA	5175.00
K36	12" Installation of End Seal	EA	5175.00
K37	15" Installation of End Seal	EA	6900.00
K38	18" Installation of End Seal	EA	8625.00
K39	21" Installation of End Seal	EA	8625.00
K40	24" Installation of End Seal	EA	10350.00
K41	27" Installation of End Seal	EA	10350.00
K42	30" Installation of End Seal	EA	10350.00
K43	33" Installation of End Seal	EA	12075.00
K44	36" Installation of End Seal	EA	12075.00
K45	39" Installation of End Seal	EA	13800.00
K46	42" Installation of End Seal	EA	13800.00
K47	48" Installation of End Seal	EA	17250.00
K48	54" Installation of End Seal	EA	17250.00
K49	6"to 12" System set-up charge (<150 lf)	EA	5175.00
K50	15" to 21" System set-up charge (<150 lf)	EA	5175.00
K51	24" to 33" System set-up charge (<150 lf)	EA	5175.00
K52	36" to 54" System set-up charge (<150 lf)	EA	5175.00
<b>L</b>	<b>CIPP Pressure Pipe Bypass and Related Items</b>		
L1	Set up bypass of mainlines sizes 2"- 4" AWWA approved bypass	LF	138.00
L2	Connection of each service from 2"- 4" AWWA approved bypass	EA	1587.00
L3	Operation of 2"- 4" AWWA approved bypass	Day	3450.00
L4	Set up bypass of mainlines sizes 6"- 8" AWWA approved bypass	LF	172.50
L5	Connection of each service from 6"- 8" AWWA approved bypass	EA	1759.50
L6	Operation of 6"- 8" AWWA approved bypass	Day	4140.00
L7	Set up bypass of mainlines sizes 10"- 12" AWWA approved bypass	LF	207.00
L8	Connection of each service from 10"- 12" AWWA approved bypass	EA	2156.25
L9	Operation of 10"- 12" AWWA approved bypass	Day	6900.00
L10	Set up bypass of mainlines sizes 13"- 19" AWWA approved bypass	LF	517.50
L11	Connection of each service from 13"- 19" AWWA approved bypass	EA	2242.50
L12	Operation of 13"- 19" AWWA approved bypass	Day	8625.00
L13	Set up bypass of mainlines sizes 20"- 24" AWWA approved bypass	EA	690.00
L14	Connection of each service from 20"- 24" AWWA approved bypass	EA	3450.00
L15	Operation of 20"- 24" AWWA approved bypass	Day	8625.00
L16	Set up bypass of mainlines sizes 25"- 30" AWWA approved bypass	LF	1207.50
L17	Connection of each service from 25"- 30" AWWA approved bypass	EA	3450.00
L18	Operation of 25"- 30" AWWA approved bypass	Day	10350.00
L19	Set up bypass of mainlines sizes 31"- 37" AWWA approved bypass	LF	1552.50
L20	Connection of each service from 31"- 37" AWWA approved bypass	EA	3450.00
L21	Operation of 31"- 37" AWWA approved bypass	Day	10350.00
L22	Set up bypass of mainlines sizes 38"- 48" AWWA approved bypass	LF	2070.00
L23	Connection of each service from 38"- 48" AWWA approved bypass	EA	3450.00
L24	Operation of 38"- 48" AWWA approved bypass	Day	10350.00
<b>M</b>	<b>Line Cleaning and Inspection for Pressure Pipelines and Mechanical Cleaning and Related Items</b>		

M1	6" Cleaning with pressure propelled pigs	LF	34.50
M2	8" Cleaning with pressure propelled pigs	LF	34.50
M3	10" Cleaning with pressure propelled pigs	LF	34.50
M4	12" Cleaning with pressure propelled pigs	LF	34.50
M5	15" Cleaning with pressure propelled pigs	LF	51.75
M6	18" Cleaning with pressure propelled pigs	LF	51.75
M7	21" Cleaning with pressure propelled pigs	LF	51.75
M8	24" Cleaning with pressure propelled pigs	LF	69.00

M9	27" Cleaning with pressure propelled pigs	LF	69.00
M10	30" Cleaning with pressure propelled pigs	LF	69.00
M11	33" Cleaning with pressure propelled pigs	LF	69.00
M12	36" Cleaning with pressure propelled pigs	LF	138.00
M13	42" Cleaning with pressure propelled pigs	LF	138.00
M14	48" Cleaning with pressure propelled pigs	LF	138.00
M15	54" Cleaning with pressure propelled pigs	LF	138.00
M16	6" Cleaning with scrapers or other attached tools	LF	51.75
M17	8" Cleaning with scrapers or other attached tools	LF	51.75
M18	10" Cleaning with scrapers or other attached tools	LF	51.75
M19	12" Cleaning with scrapers or other attached tools	LF	51.75
M20	15" Cleaning with scrapers or other attached tools	LF	69.00
M21	18" Cleaning with scrapers or other attached tools	LF	69.00
M22	21" Cleaning with scrapers or other attached tools	LF	69.00
M23	24" Cleaning with scrapers or other attached tools	LF	86.25
M24	27" Cleaning with scrapers or other attached tools	LF	86.25
M25	30" Cleaning with scrapers or other attached tools	LF	86.25
M26	33" Cleaning with scrapers or other attached tools	LF	120.75
M27	36" Cleaning with scrapers or other attached tools	LF	120.75
M28	42" Cleaning with scrapers or other attached tools	LF	138.00
M29	48" Cleaning with scrapers or other attached tools	LF	172.50
M30	54" Cleaning with scrapers or other attached tools	LF	207.00
M31	6" Pressure pipe inspection	LF	13.80
M32	8" Pressure pipe inspection	LF	13.80
M33	10" Pressure pipe inspection	LF	17.25
M34	12" Pressure pipe inspection	LF	17.25
M35	15" Pressure pipe inspection	LF	17.25
M36	18" Pressure pipe inspection	LF	24.15
M37	21" Pressure pipe inspection	LF	24.15
M38	24" Pressure pipe inspection	LF	24.15
M39	27" Pressure pipe inspection	LF	24.15
M40	30" Pressure pipe inspection	LF	24.15
M41	33" Pressure pipe inspection	LF	24.15
M42	36" Pressure pipe inspection	LF	27.60
M43	42" Pressure pipe inspection	LF	27.60
M44	48" Pressure pipe inspection	LF	34.50
M45	54" Pressure pipe inspection	LF	51.75
M46	Tuberculation Removal (Pressure & Gravity Pipelines)	LF	50.00
<b>N</b>	<b>Gravity Sewer Lateral Renewal Systems and Related Items</b>		
N1	4"-6" Installation and cure of lateral liner in <12" dia. Main (up to 10')	EA	6875.00
N2	4"-6" Installation and cure of lateral liner in >12" dia. Main (up to 10')	EA	8125.00
N3	4"-6" lateral liner per linear foot > 10'	LF	437.50
N4	4"-6" Set-up for installations	EA	25000.00
N5	Clean & CCTV Laterals (up to 10')	EA	937.50
N6	Clean & CCTV Laterals > 10'	LF	18.75
N7	Post CCTV Laterals (up to 25')	EA	500.00
N8	Post CCTV Laterals (over 25')	LF	8.00
N9	4" Wye Top Hat PipePatch Lateral Kit INSTALLED	EA	3750.00
N10	5" Wye Top Hat PipePatch Lateral Kit INSTALLED	EA	3750.00
N11	6" Wye Top Hat PipePatch Lateral Kit INSTALLED	EA	3750.00
N12	4" Tee Top Hat PipePatch Lateral Kit INSTALLED	EA	3750.00
N13	5" Tee Top Hat PipePatch Lateral Kit INSTALLED	EA	3750.00
N14	6" Tee Top Hat PipePatch Lateral Kit INSTALLED	EA	3750.00
<b>O</b>	<b>Traffic Control &amp; Additional Labor Rates:</b>		
O1	Single Lane Closure	EA	2500.00
O2	Double Lane Closure	EA	3000.00
O3	Multi Lane Closure	EA	3500.00
O4	Intersection Closure	EA	4000.00
O5	Road Closure	EA	5000.00
O6	Sidewalk Closure	EA	1500.00
O7	Traffic Control Plan (per setup)	EA	3125.00
O8	Flagmen	HR	50.00
O9	Uniformed Officers	HR	81.25
O10	Light Plant	DY	175.00

O11	Arrow Board	DY	180.00
O12	Message Board	DY	450.00
O13	Attenuator Truck	DY	800.00
O14	Sign (min qty 10, will bill at groupings of 10 EA per day)	DY	50.00
O15	Cone (min qty 10, will bill at groupings of 10 EA per day)	DY	50.00
O16	Barricade (min qty 5)	DY	75.00
O17	Superintendent - Regular	HR	43.75



O18	Superintendent - Overtime	HR	81.25
O19	Foreman - Regular	HR	37.50
O20	Foreman - Overtime	HR	75.00
O21	Laborer - Regular	HR	25.00
O22	Laborer - Overtime	HR	40.00
O23	Truck Drive - Regular	HR	125.00
O24	Truck Drive - Overtime	HR	125.00
O25	Utility - Regular	HR	25.00
O26	Utility - Overtime	HR	50.00
O27	Engineering Support	HR	400.00
O28	Engineering Design	EA	15000.00
<b>P</b>	<b>Mobilization:</b>		
P1	Mobilization - Emergency Mobilization	EA	12500.00
P2	Mobilization - Rehab of Less Than 100 Ft	EA	31250.00
P3	Mobilization - Rehab of 101 Ft to 300 Ft	EA	25000.00
P4	Mobilization - Rehab of 301 Ft to 500 Ft	EA	18750.00
P5	Mobilization - Rehab of 501 Ft to 1000 Ft	EA	12500.00
P6	Mobilization - Alabama	EA	25000.00
P7	Mobilization - Alaska	EA	100000.00
P8	Mobilization - Arizona	EA	35000.00
P9	Mobilization - Arkansas	EA	25000.00
P10	Mobilization - California	EA	45000.00
P11	Mobilization - Colorado	EA	35000.00
P12	Mobilization - Connecticut	EA	50000.00
P13	Mobilization - Delaware	EA	50000.00
P14	Mobilization - Florida	EA	35000.00
P15	Mobilization - Georgia	EA	35000.00
P16	Mobilization - Hawaii	EA	300000.00
P17	Mobilization - Idaho	EA	45000.00
P18	Mobilization - Illinois	EA	35000.00
P19	Mobilization - Indiana	EA	35000.00
P20	Mobilization - Iowa	EA	35000.00
P21	Mobilization - Kansas	EA	35000.00
P22	Mobilization - Kentucky	EA	35000.00
P23	Mobilization - Louisiana	EA	25000.00
P24	Mobilization - Maine	EA	50000.00
P25	Mobilization - Maryland	EA	35000.00
P26	Mobilization - Massachusetts	EA	35000.00
P27	Mobilization - Michigan	EA	35000.00
P28	Mobilization - Minnesota	EA	37500.00
P29	Mobilization - Mississippi	EA	25000.00
P30	Mobilization - Missouri	EA	25000.00
P31	Mobilization - Montana	EA	37500.00
P32	Mobilization - Nebraska	EA	35000.00
P33	Mobilization - Nevada	EA	45000.00
P34	Mobilization - New Hampshire	EA	45000.00
P35	Mobilization - New Jersey	EA	50000.00
P36	Mobilization - New Mexico	EA	40000.00
P37	Mobilization - New York	EA	45000.00
P38	Mobilization - North Carolina	EA	35000.00
P39	Mobilization - North Dakota	EA	40000.00
P40	Mobilization - Ohio	EA	40000.00
P41	Mobilization - Oklahoma	EA	18750.00
P42	Mobilization - Oregon	EA	45000.00
P43	Mobilization - Pennsylvania	EA	40000.00
P44	Mobilization - Rhode Island	EA	45000.00
P45	Mobilization - South Carolina	EA	35000.00
P46	Mobilization - South Dakota	EA	40000.00
P47	Mobilization - Tennessee	EA	35000.00
P48	Mobilization - Texas	EA	35000.00
P49	Mobilization - Utah	EA	35000.00
P50	Mobilization - Vermont	EA	40000.00
P51	Mobilization - Virginia	EA	40000.00
P52	Mobilization - Washington	EA	50000.00

P53	Mobilization - West Virginia	EA	35000.00
P54	Mobilization - Wisconsin	EA	40000.00
P55	Mobilization - Wyoming	EA	40000.00

FORM E - Products and Services Offerings (Tab B)			Effective Date: 5/29/2024
Offer Name:	Vortex Companies, LLC		
Invitation No.	TP07-18 Trenchless Pipeline Rehabilitation Services		
<b>AA</b>	<b>Vortex Lining System Equipment:</b>		
AA1	Vortex Lining System Rig	EA	406250.00
AA2	Vortex Spray Master Manhole Lining Equipment	EA	93750.00
AA3	Vortex Spin Master Robotic Spin Casting Equipment	EA	15000.00
AA4	SM1 Non-CDL Truck	EA	30000.00
AA5	QM-1s Restore Pallet (56 bags) 60# bags	EA	1750.00
AA6	Alumina liner Pallet (56 bags) 60# bags	EA	1725.00
AA7	Quad Plug Pallet (36 pails) 50# pail	EA	2575.00
AA8	Hyperform Pallet (56 bags) 60# bags	EA	2800.00
AA9	GeoKrete Pallet (56 bags) 60# bags	EA	3565.00
<b>BB</b>	<b>Robots and Cameras:</b>		
BB1	MINI MILLER ROBOT G8/17 110v (PICOTE)	EA	5175.00
BB2	MAXI MILLER ROBOT KK12/30 110v (PICOTE)	EA	12650.00
BB3	MAXI MILLER POWER PLUS ROBOT 18/20 400v (PICOTE)	EA	20650.00
BB4	Coating Pump U.S., UK 110v (includes 3 hose connectors and 2 brush stoppers) (PICOTE)	EA	8900.00
BB5	1330 Robot (SCHWALM)	EA	87975.00
BB6	2060 Robot F (SCHWALM)	EA	114900.00
BB7	2060 Robot Z (SCHWALM)	EA	114900.00
BB8	Focus Camera (SCHWALM)	EA	10075.00
BB9	Zoom Camera (SCHWALM)	EA	12375.00
BB10	12000 Air Motor (SCHWALM)	EA	3000.00
BB11	13000 Air Motor (SCHWALM)	EA	2625.00
BB12	Digital Box (SCHWALM)	EA	7200.00
BB13	Control Unit Schwalm (SCHWALM)	EA	25437.50
BB14	Control Unit Cues (SCHWALM)	EA	25000.00
BB15	Remote (SCHWALM)	EA	865.00
BB16	Cable Drum (SCHWALM)	EA	26125.00
BB17	Twin Hose Reel (SCHWALM)	EA	21875.00
BB18	6" Schwalm non-flow-through packer (SCHWALM)	EA	4000.00
BB19	7" Schwalm non-flow-through packer (SCHWALM)	EA	4200.00
BB20	8" Schwalm non-flow-through packer (SCHWALM)	EA	4300.00
BB21	8" Schwalm flow-through packer (SCHWALM)	EA	7100.00
BB22	10"-12" Schwalm flow-through packer (SCHWALM)	EA	7600.00
BB23	4" Schwalm rubber lateral insertion device (lid) (SCHWALM)	EA	650.00
BB24	6" Schwalm rubber lateral insertion device (lid) (SCHWALM)	EA	650.00
BB25	Deep Trekker DTG3	EA	9775.00
BB26	Deep Trekker Photon	EA	13800.00
BB27	Deep Trekker Pivot Base	EA	20250.00
BB28	Deep Trekker Pivot Expert	EA	27850.00
BB29	Deep Trekker Pivot Nav	EA	65575.00
BB30	Deep Trekker Revolution Base	EA	46000.00
BB31	Deep Trekker Revolution Nav	EA	83950.00
BB32	Deep Trekker Vac Utility Crawler	EA	37950.00
BB33	Deep Trekker Utility Mag	EA	29900.00
BB34	Pipe Trekker A-150S	EA	45900.00
BB35	Pipe Trekker A-150X	EA	80400.00
BB36	Pipe Trekker A-200S	EA	51650.00
BB37	Pipe Trekker A-200X	EA	86250.00
BB38	Pipe Trekker Ford Transit with A-200X	EA	287500.00
BB39	SUPER MIDI MILLER 110v (PICOTE)	EA	10500.00
BB40	MAXI MILLER 240v 33% more power than 110v (PICOTE)	EA	12650.00
BB41	Picote Generator 400v (includes a 3.3kVA portable tool transformer w/ 110v 15A & 30A socket.(PICOTE)	EA	18600.00
BB42	Picote Starter Kit	EA	1080.00
BB43	Picote Pro Cutting	EA	3600.00
BB44	Picote Pro Cleaning Kit	EA	3560.00
BB45	Midi Roller US - Compact impregnation unit with battery and foot pedal (2-9" Liners)	EA	5700.00
BB46	Midi Roller Wet-Out Station Foldable wet out table to be used with Midi Roller.	EA	5450.00
BB47	Midi Roller & Wet-Out Station Package US	EA	10500.00
BB48	Picote Original Cannon	EA	2760.00
BB49	Twister Express 2" - 1/3" Shaft	EA	845.00

BB50	Twister Mini Flexi	EA	885.00
BB51	Twister Express	EA	1210.00
BB52	Tiger Twister Lateral Cutter	EA	1510.00
BB53	Twister for Unlined Pipe	EA	1550.00
BB54	Twister for Lined Pipe	EA	1710.00
BB55	Twister Concrete Remover	EA	1570.00
BB56	Picote Grabber	EA	4250.00
BB57	Grabber Jaw Set	EA	445.00
BB58	Large Grabber Jaw Set 1	EA	3350.00
BB59	Large Grabber Extension 32.8ft.	EA	500.00
BB60	Spare Grabber Head with Jaws	EA	1250.00
BB61	Spare Grabber Steering Unit	EA	1950.00
BB62	Smart Crusher	EA	4350.00
BB63	Smart Crusher Front Drill Head	EA	1900.00
BB64	Smart Sweeper	EA	4275.00
BB65	Twister+ 6" - 12" - 3/4" Shaft	EA	3500.00
BB66	Smart Spider	EA	2625.00
BB67	Twister Concrete Remover	EA	3500.00
BB68	Maxi Coating Pump U.S. 110v	EA	13975.00
BB69	Xpress Coating Pump 1 1/4"-12" pipes	EA	47925.00
BB70	Test Box for Talpa	EA	1050.00
BB71	Test Box for Mina Camera	EA	1210.00
BB72	1500 Air motor for Picote Robo Tools (SCHWALM)	EA	4715.00
BB73	Carbide Wheel Talpa 1330	EA	550.00
BB74	Carbide Wheel Talpa 2060	EA	610.00
BB75	Large Wheels for 16-24" Pipe Talpa 2060	EA	980.00
BB76	Power Boom Crane with Lights	EA	9200.00
BB77	Large BlackLine Milling Ball	EA	1575.00
BB78	Small BlackLine Milling Ball	EA	1150.00
BB79	Large N-TEC II Mushroom Milling Cutter Head	EA	550.00
BB80	Small N-TEC II Mushroom Milling Cutter Head	EA	495.00
BB81	Robo Grabber (PICOTE)	EA	1925.00
BB82	Impact Wrench for Compression Plugs	EA	1675.00
BB83	Compression Plug - 4"	EA	300.00
BB84	Compression Plug - 5"	EA	325.00
BB85	Compression Plug - 6"	EA	340.00
BB86	Compression Plug - 8"	EA	490.00
BB87	Air Chisel Talpa 2060	EA	1900.00
BB88	Chisel	EA	60.00
BB89	AccuPower 1330 Base Package (20k PSI, 3 days of training required but included)	EA	22500.00
BB90	5mm x 100' Hose, 20,000 PSI 9/16" w/ manual hose reel (For 1330 Arm)	EA	2600.00
BB91	5mm x 200' Hose, 40,000 PSI 9/16" w/ manual hose reel (For 1330 Arm)	EA	3705.00
BB92	High Pressure, 20,000 PSI Automatic Reel w/ 300' Hose & Swivels (1330)	EA	36250.00
BB93	AccuPower 2060 Base Package (40k PSI, 3 days of training required but included)	EA	25000.00
BB94	High Pressure, 40,000 PSI Automatic Reel w/ 300' Hose & Swivels (2060)	EA	36250.00
BB95	5mm x 100' Hose, 40,000 PSI 9/16" w/ manual hose reel (For 2060 Arm)	EA	4900.00
BB96	5mm x 200' Hose, 40,000 PSI 9/16" w/ manual hose reel (For 2060 Arm)	EA	9200.00
BB97	M9xM9 Hose Connector 40,000 PSI (2060 & 1330 Hoses)	EA	80.00
BB98	M14xM9 Hose Adapter 40,000 PSI (2060 & 1330 Hoses)	EA	125.00
BB99	Air Grinder w/ Mounting Ring (Angle Grinder) (SCHWALM)	EA	1575.00
BB100	Diamond Blade Cutting Disc 125mm (SCHWALM)	EA	145.00
BB101	10-12" Schwalm flow-through packer long (SCHWALM)	EA	6900.00
BB102	12"-16" Schwalm Flow-through packer (SCHWALM)	EA	7020.00
BB103	16-20" Schwalm Packer (SCHWALM)	EA	7475.00
BB104	16-24" Schwalm flow-through packer (SCHWALM)	EA	8050.00
BB105	20-28" Schwalm flow-through packer (SCHWALM)	EA	8875.00
BB106	6" Schwalm rubber lateral insertion device LONG (lid) (SCHWALM)	EA	780.00
BB107	8" Schwalm rubber lateral insertion device (lid) (SCHWALM)	EA	725.00
BB108	8" Schwalm rubber lateral insertion device LONG (lid) (SCHWALM)	EA	1460.00
BB109	F-550 Schwalm Turn Key Truck Build	EA	515000.00
CC	<b>Internal Pipe Seals:</b>		
CC1	8"-Stainless steel with EPDM	EA	945.00
CC2	10"-Stainless steel with EPDM	EA	982.50
CC3	12"-Stainless steel with EPDM	EA	1023.75

CC4	15"-Stainless steel with EPDM	EA	1185.19
CC5	18"-Stainless steel with EPDM	EA	1302.50
CC6	21"-Stainless steel with EPDM	EA	1488.38
CC7	24"-Stainless steel with EPDM	EA	1756.13
<b>DD</b>	<b>Installation Packer for Internal Pipe Seals:</b>		
DD1	8'-12" Packer with coupling rod	EA	6875.00
DD2	15"-18" Packer with coupling rod	EA	8625.00
DD3	21"-24" Packer with coupling rod	EA	10125.00
<b>EE</b>	<b>Liner End Seal-mechanical, stainless steel sleeve with EPDM rubber:</b>		
EE1	8"-Stainless steel with EPDM	EA	846.56
EE2	10"-Stainless steel with EPDM	EA	862.50
EE3	12"-Stainless steel with EPDM	EA	885.94
EE4	15"-Stainless steel with EPDM	EA	1122.19
EE5	18"-Stainless steel with EPDM	EA	1243.75
EE6	21"-Stainless steel with EPDM	EA	1397.81
EE7	24"-Stainless steel with EPDM	EA	1555.31
<b>FF</b>	<b>UV Light Cured Spiral Wound Fiberglass Liner and Related Materials:</b>		
FF1	(CMS-1022-HS) - Vericure CMS w/WiFi, Cables A&B	EA	51520.00
FF2	(VCURE-SS) - Vericure Software Subscription	EA	10920.00
FF3	(AS-1007) - Cable Spool Roller	EA	331.24
FF4	(OSC-2001) - FlatTemp Cable	EA	13091.40
FF5	(RTC-350) - RoundTemp ArmourCable SX3mm 350'	EA	735.00
FF6	(RTC-500) - RoundTemp ArmourCable SX3mm 500'	EA	1050.00
FF7	(RTC-600) - RoundTemp ArmourCable SX3mm 600'	EA	1260.00
FF8	(RTC-700) - RoundTemp ArmourCable SX3mm 700'	EA	1470.00
FF9	(RTC-800) - RoundTemp ArmourCable SX3mm 800'	EA	1680.00
FF10	(RTC-1000) - RoundTemp ArmourCable SX3mm 1000'	EA	2100.00
FF11	(046 02 000) - IMS MicroCure LED CIPP Curing System - 3" - 10"	EA	202495.69
FF12	(OL-6-2.4) - UV Liner - 6" x 2.4mm	LF	21.80
FF13	(OL-6-3.6) - UV Liner - 6" x 3.6mm	LF	22.41
FF14	(OL-8-2.4) - UV Liner - 8" x 2.4mm	LF	20.55
FF15	(OL-8-3.6) - UV Liner - 8" x 3.6mm	LF	25.75
FF16	(OL-8-4.8) - UV Liner - 8" x 4.8mm	LF	33.14
FF17	(OL-9-2.4) - UV Liner - 9" x 2.4mm	LF	27.64
FF18	(OL-9-3.6) - UV Liner - 9" x 3.6mm	LF	29.26
FF19	(OL-9-4.8) - UV Liner - 9" x 4.8mm	LF	36.41
FF20	(OL-10-2.4) - UV Liner - 10" x 2.4mm	LF	23.49
FF21	(OL-10-3.6) - UV Liner - 10" x 3.6mm	LF	29.83
FF22	(OL-10-4.8) - UV Liner - 10" x 4.8mm	LF	37.13
FF23	(OL-12-2.4) - UV Liner - 12" x 2.4mm	LF	29.54
FF24	(OL-12-3.6) - UV Liner - 12" x 3.6mm	LF	36.51
FF25	(OL-12-4.8) - UV Liner - 12" x 4.8mm	LF	42.29
FF26	(OL-12-6.0) - UV Liner - 12" x 6.0mm	LF	48.65
FF27	(OL-14-2.4) - UV Liner - 14" x 2.4mm	LF	33.33
FF28	(OL-14-3.6) - UV Liner - 14" x 3.6mm	LF	40.42
FF29	(OL-14-4.8) - UV Liner - 14" x 4.8mm	LF	43.67
FF30	(OL-15-2.4) - UV Liner - 15" x 2.4mm	LF	37.70
FF31	(OL-15-3.6) - UV Liner - 15" x 3.6mm	LF	40.05
FF32	(OL-15-4.8) - UV Liner - 15" x 4.8mm	LF	50.18
FF33	(OL-15-6.0) - UV Liner - 15" x 6.0mm	LF	56.04
FF34	(OL-15-7.2) - UV Liner - 15" x 7.2mm	LF	65.44
FF35	(OL-16-3.6) - UV Liner - 16" x 3.6mm	LF	44.86
FF36	(OL-16-4.8) - UV Liner - 16" x 4.8mm	LF	52.30
FF37	(OL-16-6.0) - UV Liner - 16" x 6.0mm	LF	61.45
FF38	(OL-16-7.2) - UV Liner - 16" x 7.2mm	LF	71.61
FF39	(OL-18-3.6) - UV Liner - 18" x 3.6mm	LF	56.56
FF40	(OL-18-4.8) - UV Liner - 18" x 4.8mm	LF	61.94
FF41	(OL-18-6.0) - UV Liner - 18" x 6.0mm	LF	69.54
FF42	(OL-18-7.2) - UV Liner - 18" x 7.2mm	LF	81.23
FF43	(OL-18-8.4) - UV Liner - 18" x 8.4mm	LF	91.76
FF44	(OL-18-9.6) - UV Liner - 18" x 9.6mm	LF	105.03

FF45	(OL-18-10.8) - UV Liner - 18" x 10.8mm	LF	125.65
FF46	(OL-20-3.6) - UV Liner - 20" x 3.6mm	LF	61.57
FF47	(OL-20-4.8) - UV Liner - 20" x 4.8mm	LF	75.68
FF48	(OL-20-6.0) - UV Liner - 20" x 6.0mm	LF	91.42
FF49	(OL-21-3.6) - UV Liner - 21" x 3.6mm	LF	62.78
FF50	(OL-21-4.8) - UV Liner - 21" x 4.8mm	LF	66.51
FF51	(OL-21-6.0) - UV Liner - 21" x 6.0mm	LF	82.46
FF52	(OL-21-7.2) - UV Liner - 21" x 7.2mm	LF	91.99
FF53	(OL-21-8.4) - UV Liner - 21" x 8.4mm	LF	111.09
FF54	(OL-21-9.6) - UV Liner - 21" x 9.6mm	LF	135.46
FF55	(OL-24-3.6) - UV Liner - 24" x 3.6mm	LF	76.82
FF56	(OL-24-4.8) - UV Liner - 24" x 4.8mm	LF	89.71
FF57	(OL-24-6.0) - UV Liner - 24" x 6.0mm	LF	97.96
FF58	(OL-24-7.2) - UV Liner - 24" x 7.2mm	LF	112.17
FF59	(OL-24-8.4) - UV Liner - 24" x 8.4mm	LF	130.91
FF60	(OL-24-9.6) - UV Liner - 24" x 9.6mm	LF	148.25
FF61	(OL-24-10.8) - UV Liner - 24" x 10.8mm	LF	159.39
FF62	(OL-27-3.6) - UV Liner - 27" x 3.6mm	LF	79.13
FF63	(OL-27-4.8) - UV Liner - 27" x 4.8mm	LF	93.31
FF64	(OL-27-6.0) - UV Liner - 27" x 6.0mm	LF	110.43
FF65	(OL-27-7.2) - UV Liner - 27" x 7.2mm	LF	123.89
FF66	(OL-27-8.4) - UV Liner - 27" x 8.4mm	LF	138.84
FF67	(OL-27-9.6) - UV Liner - 27" x 9.6mm	LF	154.43
FF68	(OL-30-3.6) - UV Liner - 30" x 3.6mm	LF	86.45
FF69	(OL-30-4.8) - UV Liner - 30" x 4.8mm	LF	99.27
FF70	(OL-30-6.0) - UV Liner - 30" x 6.0mm	LF	118.68
FF71	(OL-30-7.2) - UV Liner - 30" x 7.2mm	LF	130.90
FF72	(OL-30-8.4) - UV Liner - 30" x 8.4mm	LF	147.11
FF73	(OL-30-9.6) - UV Liner - 30" x 9.6mm	LF	161.74
FF74	(OL-30-10.8) - UV Liner - 30" x 10.8mm	LF	189.01
FF75	(OL-30-12.0) - UV Liner - 30" x 12.0mm	LF	205.09
FF76	(OL-30-13.2) - UV Liner - 30" x 13.2mm	LF	221.87
FF77	(OL-30-14.4) - UV Liner - 30" x 14.4mm	LF	243.63
FF78	(OL-32-4.8) - UV Liner - 32" x 4.8mm	LF	117.04
FF79	(OL-32-6.0) - UV Liner - 32" x 6.0mm	LF	125.79
FF80	(OL-32-7.2) - UV Liner - 32" x 7.2mm	LF	142.39
FF81	(OL-32-8.4) - UV Liner - 32" x 8.4mm	LF	165.24
FF82	(OL-32-9.6) - UV Liner - 32" x 9.6mm	LF	175.15
FF83	(OL-32-10.8) - UV Liner - 32" x 10.8mm	LF	189.10
FF84	(OL-34-6.0) - UV Liner - 34" x 6.0mm	LF	138.47
FF85	(OL-34-7.2) - UV Liner - 34" x 7.2mm	LF	150.95
FF86	(OL-34-8.4) - UV Liner - 34" x 8.4mm	LF	173.01
FF87	(OL-34-9.6) - UV Liner - 34" x 9.6mm	LF	181.65
FF88	(OL-34-10.8) - UV Liner - 34" x 10.8mm	LF	196.38
FF89	(OL-34-12.0) - UV Liner - 34" x 12.0mm	LF	202.13
FF90	(OL-34-13.2) - UV Liner - 34" x 13.2mm	LF	216.75
FF91	(OL-36-3.6) - UV Liner - 36" x 3.6mm	LF	125.45
FF92	(OL-36-4.8) - UV Liner - 36" x 4.8mm	LF	133.67
FF93	(OL-36-6.0) - UV Liner - 36" x 6.0mm	LF	142.11
FF94	(OL-36-7.2) - UV Liner - 36" x 7.2mm	LF	152.75
FF95	(OL-36-8.4) - UV Liner - 36" x 8.4mm	LF	179.35
FF96	(OL-36-9.6) - UV Liner - 36" x 9.6mm	LF	190.96
FF97	(OL-36-10.8) - UV Liner - 36" x 10.8mm	LF	202.27
FF98	(OL-36-12.0) - UV Liner - 36" x 12.0mm	LF	230.55
FF99	(OL-36-13.2) - UV Liner - 36" x 13.2mm	LF	250.63
FF100	(OL-38-6.0) - UV Liner - 38" x 6.0mm	LF	154.27
FF101	(OL-38-7.2) - UV Liner - 38" x 7.2mm	LF	172.30
FF102	(OL-38-8.4) - UV Liner - 38" x 8.4mm	LF	183.39
FF103	(OL-38-9.6) - UV Liner - 38" x 9.6mm	LF	200.02
FF104	(OL-38-10.8) - UV Liner - 38" x 10.8mm	LF	211.88
FF105	(OL-38-12.0) - UV Liner - 38" x 12.0mm	LF	233.56

FF106	(OL-38-13.2) - UV Liner - 38" x 13.2mm	LF	245.42
FF107	(OL-40-8.4) - UV Liner - 40" x 8.4mm	LF	185.05
FF108	(OL-40-9.6) - UV Liner - 40" x 9.6mm	LF	211.34
FF109	(OL-40-10.8) - UV Liner - 40" x 10.8mm	LF	217.55
FF110	(OL-40-12.0) - UV Liner - 40" x 12.0mm	LF	257.31
FF111	(OL-40-13.2) - UV Liner - 40" x 13.2mm	LF	273.13
FF112	(OL-42-6.0) - UV Liner - 42" x 6.0mm	LF	185.88
FF113	(OL-42-7.2) - UV Liner - 42" x 7.2mm	LF	195.66
FF114	(OL-42-8.4) - UV Liner - 42" x 8.4mm	LF	205.98
FF115	(OL-42-9.6) - UV Liner - 42" x 9.6mm	LF	218.64
FF116	(OL-42-10.8) - UV Liner - 42" x 10.8mm	LF	234.81
FF117	(OL-42-12.0) - UV Liner - 42" x 12.0mm	LF	260.53
FF118	(OL-42-13.2) - UV Liner - 42" x 13.2mm	LF	281.44
FF119	(OL-44-13.2) - UV Liner - 44" x 13.2mm	LF	315.42
FF120	(OL-44-14.4) - UV Liner - 44" x 14.4mm	LF	321.12
FF121	(OL-46-8.4) - UV Liner - 46" x 8.4mm	LF	218.41
FF122	(OL-46-9.6) - UV Liner - 46" x 9.6mm	LF	237.30
FF123	(OL-46-10.8) - UV Liner - 46" x 10.8mm	LF	249.98
FF124	(OL-46-12.0) - UV Liner - 46" x 12.0mm	LF	272.72
FF125	(OL-46-13.2) - UV Liner - 46" x 13.2mm	LF	290.70
FF126	(OL-48-7.2) - UV Liner - 48" x 7.2mm	LF	249.27
FF127	(OL-48-8.4) - UV Liner - 48" x 8.4mm	LF	257.99
FF128	(OL-48-9.6) - UV Liner - 48" x 9.6mm	LF	265.94
FF129	(OL-48-10.8) - UV Liner - 48" x 10.8mm	LF	279.59
FF130	(OL-48-12.0) - UV Liner - 48" x 12.0mm	LF	311.99
FF131	(OL-48-13.2) - UV Liner - 48" x 13.2mm	LF	338.14
FF132	(OL-48-14.4) - UV Liner - 48" x 14.4mm	LF	388.53
FF133	(OL-48-15.6) - UV Liner - 48" x 15.6mm	LF	439.07
FF134	(OL-54-8.4) - UV Liner - 54" x 8.4mm	LF	365.55
FF135	(OL-54-9.6) - UV Liner - 54" x 9.6mm	LF	412.34
FF136	(OL-54-10.8) - UV Liner - 54" x 10.8mm	LF	457.91
FF137	(OL-54-12.0) - UV Liner - 54" x 12.0mm	LF	500.96
FF138	(OL-54-13.2) - UV Liner - 54" x 13.2mm	LF	540.44
FF139	(OL-54-14.4) - UV Liner - 54" x 14.4mm	LF	601.40
FF140	(OL-54-15.6) - UV Liner - 54" x 15.6mm	LF	664.19
FF141	(OL-63-15.6) - UV Liner - 63" x 15.6mm	LF	876.41
FF142	(OL-60-7.2) - UV Liner - 60" x 7.2mm	LF	449.79
FF143	(OL-60-8.4) - UV Liner - 60" x 8.4mm	LF	474.71
FF144	(OL-60-9.6) - UV Liner - 60" x 9.6mm	LF	499.48
FF145	(OL-60-10.8) - UV Liner - 60" x 10.8mm	LF	525.77
FF146	(OL-60-12.0) - UV Liner - 60" x 12.0mm	LF	553.45
FF147	(OL-60-13.2) - UV Liner - 60" x 13.2mm	LF	609.77
FF148	(OL-60-14.4) - UV Liner - 60" x 14.4mm	LF	714.06
FF149	(OL-60-15.6) - UV Liner - 60" x 15.6mm	LF	830.80
FF150	(OL-66-13.2) - UV Liner - 66" x 13.2mm	LF	780.39
FF151	(OL-66-14.4) - UV Liner - 66" x 14.4mm	LF	851.58
FF152	(OL-66-15.6) - UV Liner - 66" x 15.6mm	LF	922.15
FF153	(OL-72-13.2) - UV Liner - 72" x 13.2mm	LF	1036.03
FF154	(OL-72-14.4) - UV Liner - 72" x 14.4mm	LF	1130.19
FF155	(OL-72-15.6) - UV Liner - 72" x 15.6mm	LF	1224.36
FF156	QuadCure Liner - 2" X 3.5mm	LF	29.25
FF157	QuadCure Liner - 3" X 3.5mm	LF	32.50
FF158	QuadCure Liner - 4" X 3.5mm	LF	37.05
FF159	QuadCure Liner - 5" X 3.5mm	LF	44.20
FF160	QuadCure Liner - 6" X 3.5mm	LF	51.35
FF161	QuadCure Liner - 8" X 3.5mm	LF	57.53
FF162	QC CalTube - 2"	LF	5.20
FF163	QC CalTube - 3"	LF	5.85
FF164	QC CalTube - 4"	LF	6.50
FF165	QC CalTube - 5"	LF	7.80
FF166	QC CalTube - 6"	LF	8.45

FF167	QC CalTube - 8"	LF	10.40
FF168	(SS6) - 6" Safety Sleeve	EA	37.21
FF169	(SS8) - 8" Safety Sleeve	EA	37.21
FF170	(SS9) - 9" Safety Sleeve	EA	42.03
FF171	(SS10) - 10" Safety Sleeve	EA	42.03
FF172	(SS12) - 12" Safety Sleeve	EA	47.95
FF173	(SS14) - 14" Safety Sleeve	EA	51.52
FF174	(SS15) - 15" Safety Sleeve	EA	62.58
FF175	(SS16) - 16" Safety Sleeve	EA	63.57
FF176	(SS18) - 18" Safety Sleeve	EA	60.21
FF177	(SS20) - 20" Safety Sleeve	EA	67.14
FF178	(SS21) - 21" Safety Sleeve	EA	68.11
FF179	(SS24) - 24" Safety Sleeve	EA	71.16
FF180	(SS27) - 27" Safety Sleeve	EA	78.25
FF181	(SS30) - 30" Safety Sleeve	EA	79.38
FF182	(SS32) - 32" Safety Sleeve	EA	82.75
FF183	(SS34) - 34" Safety Sleeve	EA	94.30
FF184	(SS36) - 36" Safety Sleeve	EA	104.33
FF185	(SS38) - 38" Safety Sleeve	EA	108.71
FF186	(SS40) - 40" Safety Sleeve	EA	112.55
FF187	(SS42) - 42" Safety Sleeve	EA	115.92
FF188	(SS44) - 44" Safety Sleeve	EA	117.53
FF189	(SS46) - 46" Safety Sleeve	EA	122.36
FF190	(SS48) - 48" Safety Sleeve	EA	125.58
FF191	(SS54) - 54" Safety Sleeve	EA	220.11
FF192	(SS60) - 60" Safety Sleeve	EA	244.58
FF193	(SS63) - 63" Safety Sleeve	EA	254.38
FF194	(SS66) - 66" Safety Sleeve	EA	280.78
FF195	(SS72) - 72" Safety Sleeve	EA	288.83
FF196	(GF6) - 6" Glide Film - 1125' per roll	RL	429.94
FF197	(GF8) - 8" Glide Film - 1100' per roll	RL	441.00
FF198	(GF10) - 10" Glide Film - 1500' per roll	RL	1197.00
FF199	(GF12) - 12" Glide Film - 1100' per roll	RL	1001.00
FF200	(GF15) - 15" Glide Film - 1500' per roll	RL	1596.00
FF201	(GF18) - 18" Glide Film - 1125' per roll	RL	1338.75
FF202	(GF24) - 24" Glide Film - 1100' per roll	RL	1432.20
FF203	(GF30) - 30" Glide Film - 1100' per roll	RL	1478.40
FF204	(GF36) - 36" Glide Film - 1100' per roll	RL	1493.80
FF205	(GF48) - 48" Glide Film - 1100' per roll	RL	1740.20
FF206	(GF60) - 60" Glide Film - 1125' per roll	RL	2504.25
FF207	(CRATE36-STD) - 6" - 12", up to 3.2mm Liner - UV Shipping Crate - 36" Standard	EA	833.00
FF208	(CRATE72) - 12" - 24", over 3.2mm Liner - UV Shipping Crate - 72"	EA	1071.00
FF209	(CRATEJUMBO) - 24" - 28" Liner - UV Shipping Crate	EA	1500.00
FF210	UV Truck Build - Hurricane System 6" - 48"	EA	1750000.00
FF211	UV Truck Build UV8000 System 6" - 48"	EA	1500000.00
FF212	UV Rental Truck	WK	15000.00

Average Percentage Increase