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MEMORANDUM

To: Mayor and City Council

From: David Elliott, P.E., Stormwater Utility Manager

Date: 3/24/2014

Subject: Approval of Standby Contractors for Stormwater Repairs

ITEM DESCRIPTION

Approval of Standby Contractors for Stormwater Repairs/Re-placement Projects.

BACKGROUND

The Public Works Department issued a Request for Proposals (RFP-14-02) for the purpose of selecting qualified contractors to perform on-call standby stormwater system rehabilitation projects on an as needed basis. Prequalifying contractors at competitively bid prices allows for quicker response and reduce administrative time. This contract shall be for a three year period with an optional one year extension beginning approximately April 1, 2014.

The City received a total of six proposals. All proposals were evaluated based on the following criteria: 50% Cost and 50% qualifications (experience, references, personnel, management approach, and understanding of the scope of work). A summary of the proposal scoring and a tabulation of the unit prices are attached.

RECOMMENDED ACTION

Staff respectfully requests Council's approval of the recommendation to contract with the following contractors for standby stormwater repair and replacement construction projects.

- 1. Georgia Development Corporation
- 2. Southern Premier Contracting, Inc.
- 3. IPR Southeast, LLC.
- 4. Layne Inliner, LLC.

RFP 14-02. Stand By Stormwater Contractors

Firm	Ind	lividual Rati	Price	Total	
FIIIII	DE	MS	Average	Price	TOtal
Construction 57 Incorporated	19	25	22	8	30
Layne Inliner	42	48	45	32	77
Site Engineering Incorporated	43	47	45	17	62
Southern Premier Contracting	43	46	45	44	89
Georgia Development Partners	47	48	48	45	93
Inland Pipe Rehabilitation	42	46	44	33	77

Recommended Firms are shaded in Total Column

			Unit Price					
Item	Unit	Const 57	Layne	Site	SPC	GDP	IPR	
General Conditions								
Mobilization	EA	\$1,000	\$2,269	\$10,000	\$1,500	\$1,400	\$1,600	
Out of Scope Work, Foreman	HR	\$48	\$46	\$100	\$55	\$50	\$85	
Out of Scope Work, Laborer	HR	\$30	\$35	\$50	\$45	\$40	\$70	
Traffic Control								
	D., D.,	¢1 200	¢2.200	¢2.000	Ć1 F00	¢2.750	¢1 F00	
Traffic Control Major (Detours etc. for road closure complete)	Per Day Per Day	\$1,200 \$750	\$2,269 \$681	\$2,000	\$1,500	\$3,750	\$1,500	
Traffic Control Minor (Two flagman etc.)	J	\$300	\$284	\$1,500 \$200	\$1,000	\$950	\$1,000	
Mobile Electronic Detour Signs	Per Day	\$300	\$284	\$200	\$125	\$150	\$150	
TV Inspection and Jet-Vac Cleaning								
TV Storm Lines (includes DVD & Report)	LF		\$5	\$4	\$2	\$4	\$2	
Visual Inspection (Pictures), per Project (During Construction)	EA		\$284	\$500	\$150	\$358	\$160	
Hydro-Excavation (Complete)	Per Hour	\$420	\$341	\$500	\$349	\$352	\$350	
Ste Line Cleaning (less than 25% full)								
12" PIPE - Cleaning less than 25% full	LF	\$12	\$3	\$4	\$4	\$5	\$4	
15" PIPE - Cleaning less than 25% full	LF	\$12	\$3	\$4	\$4	\$5	\$4	
18" PIPE - Cleaning less than 25% full	LF	\$13	\$3	, \$4	; \$5	\$5	, \$5	
21" PIPE - Cleaning less than 25% full	LF	\$13	\$4	\$4	, \$5	, \$5	\$5	
24" PIPE - Cleaning less than 25% full	LF	\$14	\$4	\$4	\$5	\$6	\$5	
30" PIPE - Cleaning less than 25% full	LF	\$16	\$4	\$6	\$6	\$7	\$6	
36" PIPE - Cleaning less than 25% full	LF	\$18	\$4	\$6	\$7	\$7	\$7	
42" PIPE - Cleaning less than 25% full	LF	\$20	\$5	\$6	\$7	\$8	\$7	
48" PIPE - Cleaning less than 25% full	LF	\$24	\$6	\$6	\$8	\$9	\$8	
54" PIPE - Cleaning less than 25% full	LF	\$35	\$8	\$10	\$9	\$10	\$9	
60" PIPE - Cleaning less than 25% full	LF	\$38	\$10	\$10	\$11	\$12	\$11	
66" PIPE - Cleaning less than 25% full	LF	\$40	\$12	\$10	\$12	\$13	\$12	
72" PIPE - Cleaning less than 25% full	LF	\$45	\$13	\$10	\$16	\$17	\$16	
78" PIPE - Cleaning less than 25% full	LF	\$48	\$16	\$20	\$16	\$18	\$17	
84" PIPE - Cleaning less than 25% full	LF	\$48	\$18	\$20	\$19	\$20	\$19	
90" PIPE - Cleaning less than 25% full	LF	\$51	\$19	\$20	\$20	\$21	\$20	
96" PIPE - Cleaning less than 25% full	LF	\$55	\$20	\$20	\$22	\$25	\$25	

Item	Unit	Const 57	Layne	Site	SPC	GDP	IPR
Storm Line Cleaning (25% full or greater)							
12" PIPE - Cleaning 25% full or greater	LF	\$15	\$6	\$6	\$4	\$5	\$5
15" PIPE - Cleaning 25% full or greater	LF	\$15	\$7	\$6	\$5	\$5	\$5
18" PIPE - Cleaning 25% full or greater	LF	\$17	\$8	\$6	\$5	\$6	\$5
21" PIPE - Cleaning 25% full or greater	LF	\$17	\$10	\$8	\$5	\$6	\$5
24" PIPE - Cleaning 25% full or greater	LF	\$20	\$12	\$8	\$5	\$6	\$5
30" PIPE - Cleaning 25% full or greater	LF	\$22	\$14	\$10	\$7	\$8	\$7
36" PIPE - Cleaning 25% full or greater	LF	\$24	\$18	\$10	\$10	\$11	\$10
42" PIPE - Cleaning 25% full or greater	LF	\$27	\$21	\$20	\$12	\$13	\$12
48" PIPE - Cleaning 25% full or greater	LF	\$32	\$23	\$20	\$13	\$14	\$13
54" PIPE - Cleaning 25% full or greater	LF	\$43	\$32	\$30	\$16	\$17	\$16
60" PIPE - Cleaning 25% full or greater	LF	\$47	\$35	\$30	\$19	\$21	\$20
66" PIPE - Cleaning 25% full or greater	LF	\$51	\$37	\$40	\$21	\$22	\$20
72" PIPE - Cleaning 25% full or greater	LF	\$55	\$40	\$40	\$21	\$24	\$20
78" FPE - Cleaning 25% full or greater	LF	\$58	\$41	\$50	\$23	\$28	\$23
84' PE - Cleaning 25% full or greater	LF	\$62	\$42	\$50	\$30	\$32	\$30
90" PIPE - Cleaning 25% full or greater	LF	\$65	\$44	\$60	\$30	\$35	\$30
96" PIPE - Cleaning 25% full or greater	LF	\$70	\$46	\$60	\$30	\$40	\$30
Specialty Storm Line Cleaning,							
Applicable to heavy roots, Large diameter rocks, large debris, etc		1	1	1		·	1
12" to 36" PIPE	LF	\$130	\$29	\$30	\$15	\$22	\$15
42" to 96" PIPE	LF	\$255	\$69	\$80	\$30	\$37	\$30
Spiral Rib Corr. Steel Pipe (14 ga. Tp. 2 Alum)							
Includes excavation, backfill, & compaction							
15" SRCMP	LF		\$40	\$40	\$26	\$26	\$30
18" SRCMP	LF		\$42	\$45	\$29	\$28	\$30
24" SRCMP	LF		\$49	\$50	\$33	\$34	\$35
30" SRCMP	LF		\$61	\$55	\$37	\$37	\$37
36" SRCMP	LF		\$75	\$65	\$47	\$41	\$50
42" SRCMP	LF		\$88	\$75	\$51	\$47	\$52
48" SRCMP	LF		\$100	\$85	\$56	\$53	\$56
54" SRCMP	LF		\$118	\$105	\$60	\$67	\$62

Item	Unit	Const 57	Layne	Site	SPC	GDP	IPR
60" SRCMP	LF		\$131	\$120	\$72	\$77	\$73
72" SRCMP	LF		\$183	\$140	\$98	\$110	\$100
84" SRCMP	LF		\$224	\$160	\$122	\$135	\$125
96" SRCMP	LF		\$246	\$200	\$133	\$156	\$135
Reinforced Concrete Pipe (RCP) Tp 3							
Includes excavation, backfill, & compaction							
18" RCP	LF	\$30	\$40	\$40	\$33	\$32	\$35
24" RCP	LF	\$44	\$48	\$45	\$40	\$40	\$40
30" RCP	LF	\$60	\$59	\$55	\$53	\$54	\$55
36" RCP	LF	\$78	\$76	\$75	\$65	\$70	\$65
42" RCP	LF	\$95	\$97	\$90	\$94	\$85	\$95
48" RCP	LF	\$105	\$122	\$110	\$125	\$119	\$125
54" RCP	LF	\$130	\$152	\$120	\$135	\$149	\$135
60" RCP	LF	\$215	\$185	\$150	\$150	\$179	\$155
72"	LF	\$360	\$264	\$200	\$175	\$226	\$180
43-							
High Density Polyethaline Pipe (HDPE)							
Includes excavation, backfill, & compaction							
15" HDPE	LF	\$15	\$32	\$40	\$21	\$20	\$25
18" HDPE	LF	\$19	\$34	\$45	\$23	\$22	\$25
24" HDPE	LF	\$25	\$42	\$50	\$28	\$26	\$30
30" HDPE	LF	\$45	\$55	\$60	\$34	\$33	\$35
36" HDPE	LF	\$50	\$61	\$70	\$46	\$41	\$45
42" HDPE	LF	\$67	\$71	\$85	\$53	\$52	\$55
48" HDPE	LF	\$88	\$91	\$100	\$63	\$65	\$65
54" HDPE	LF	\$110	\$144	\$130	not available	\$100	\$125
60" HDPE	LF	\$165	\$163	\$155	\$110	\$114	\$125
72" HDPE	LF	\$200	\$199	\$175	not available	\$184	\$135

Item	Unit	Const 57	Layne	Site	SPC	GDP	IPR
Additional Depth for Pipes							
Includes excavation, backfill, & compaction							
Invert >8.1' to 12'	LF	\$20	\$23	\$20	\$50	\$19	\$50
Invert >12'	LF	\$30	\$35	\$50	\$90	\$39	\$95
Metal Flared End Sections: (GADOT STD 1120)							
18" MFES 16 Gauge In Place	EA		\$210	\$300	\$182	\$235	\$200
24" MFES 14 Gauge In Place	EA		\$281	\$400	\$290	\$305	\$290
30" MFES 14 Gauge In Place	EA		\$455	\$600	\$393	\$488	\$400
36" MFES 14 Gauge In Place	EA		\$659	\$1,000	\$596	\$738	\$600
42" MFES 14 Gauge In Place	EA		\$1,496	\$1,500	\$1,123	\$1,250	\$1,200
Metal Safety End Sections: 4:1 Slope GADOT Special Detail							
18" SFES 16 Gauge In Place	EA		\$612	\$400	\$421	\$485	\$425
24" ES 16 Gauge In Place	EA		\$786	\$500	\$550	\$695	\$550
30' ES 12 Gauge In Place	EA		\$1,517	\$700	\$733	\$1,138	\$735
36" SFES 12 Gauge In Place	EA		\$1,678	\$1,200	\$1,318	\$1,550	\$1,320
42" SFES 12 Gauge In Place	EA		\$2,431	\$1,800	\$1,681	\$2,278	\$1,680
48" SFES 12 Gauge In Place	EA		\$3,321	\$2,000	\$2,053	\$2,950	\$2,100
Precast Concrete Flared End Section							
18" CFES In Place	EA	\$1,200	\$634	\$700	\$445	\$455	\$450
24" CFES In Place	EA	\$1,500	\$773	\$900	\$525	\$535	\$525
30" CFES In Place	EA	\$1,800	\$956	\$1,300	\$590	\$575	\$600
36" CFES In Place	EA	\$2,200	\$1,199	\$1,500	\$1,150	\$925	\$1,150
42" CFES In Place	EA	\$2,800	\$1,382	\$2,000	\$1,450	\$1,305	\$1,500
Precast Headwalls	7.	4	4.00	+		÷	*
Precast Headwall for 18" Pipe	EA	\$1,000		\$800	\$475	\$478	\$475
Precast Headwall for 24" Pipe	EA	\$1,000	\$784	\$900	\$525	\$525	\$525
Precast Headwall for 30" Pipe	EA	\$1,100	\$1,074	\$1,100	\$825	\$699	\$825
Precast Headwall for 36" Pipe	EA	\$1,200	\$1,131	\$1,200	\$1,125	\$924	\$1,200
Precast Headwall for 42" Pipe	EA	\$2,200	\$1,508	\$1,600	\$1,314	\$1,064	\$1,350
Precast Headwall for 48" Pipe	EA	\$2,500	\$1,622	\$2,000	\$1,404	\$1,148	\$1,400

Item	Unit	Const 57	Layne	Site	SPC	GDP	IPR
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Precast Headwall for 18" Pipe w/ Velocity Dissipater	EA	\$1,200	\$1,127	\$900	\$523	\$604	\$525
Precast Headwall for 24" Pipe w/ Velocity Dissipater	EA	\$1,500	\$1,404	\$1,000	\$571	\$744	\$550
Precast Headwall for 30" Pipe w/ Velocity Dissipater	EA	\$1,800	\$2,032	\$1,200	\$908	\$828	\$900
Precast Headwall for 36" Pipe w/ Velocity Dissipater	EA	\$2,000	\$2,032	\$1,400	\$1,205	\$1,024	\$1,200
Precast Headwall for 42" Pipe w/ Velocity Dissipater	EA	\$2,500	\$2,430	\$1,800	\$1,394	\$1,214	\$1,500
Precast Headwall for 48" Pipe w/ Velocity Dissipater r	EA	\$2,500	\$2,430	\$2,200	\$1,484	\$1,298	\$1,550
Cast-in-Place Concrete Headwall							
Cast-in-Place Concrete Headwall- Dekalb Std. Detail	CY	\$350	\$755	\$500	\$695	\$695	\$705
Cast-in-Place Concrete Headwall- GDOT Std. Det. 1125	CY	\$450	\$766	\$500	\$695	\$795	\$705
Brick-in-Place Headwall							
Brick Headwall for 18" Pipe	EA	\$1,200	\$369	\$1,200	\$525	\$580	\$525
Brick Headwall for 24" Pipe	EA	\$1,200	\$414	\$1,500	\$725 \$725	\$380 \$780	\$725
Bri Headwall for 30" Pipe	EA	\$1,500	\$454	\$1,800	\$925	\$1,155	\$925
Bri 🖓 Headwall for 36" Pipe	EA	\$1,500	\$511	\$2,000	\$1,300	\$1,637	\$1,250
Brick Headwall for 42" Pipe	EA	\$2,500	\$698	\$2,300	\$1,500	\$1,905	\$1,500
Brick Headwall for 48" Pipe	EA	\$2,800	\$738	\$2,500	\$1,900	\$2,135	\$1,800
Brick Headwall for 54" Pipe	EA	\$3,000	\$823	\$3,000	\$2,400	\$3,350	\$2,400
Brick Headwall for 60" Pipe	EA	\$3,000	\$908	\$3,500	\$3,350	\$3,685	\$3,350
Brick Headwall for 72" Pipe	EA	\$3,200	\$1,050	\$4,000	\$4,500	\$4,450	\$4,250
Rubble Masonry Headwalls (per Dekalb Co. or Gwinnett Co, Standards)							
Rubble Headwall for 18" Pipe	EA	\$1,800	\$562	\$1,500	\$1,500	\$1,800	\$1,505
Rubble Headwall for 24" Pipe	EA	\$2,200	\$738	\$1,800	\$1,700	\$2,000	\$1,700
Rubble Headwall for 30" Pipe	EA	\$2,500	\$902	\$2,000	\$1,800	\$2,250	\$1,750
Rubble Headwall for 36" Pipe	EA	\$3,000	\$1,021	\$2,500	\$2 <i>,</i> 400	\$2 <i>,</i> 500	\$2,500
Flowable Paved Pipe Invert							
18" Diameter	LF	\$36	\$23	\$25	\$25	\$21	\$26
24" Diameter	LF	\$36	\$23	\$28	\$30	\$26	\$32
30" Diameter	LF	\$36	\$23	\$30	\$35	\$31	\$35
36" Diameter	LF	\$44	\$25	\$35	\$40	\$36	\$40
42" Diameter	LF	\$50	\$29	\$40	\$45	\$41	\$45

Item	Unit	Const 57	Layne	Site	SPC	GDP	IPR
48" Diameter	LF	\$68	\$39	\$45	\$55	\$46	\$58
60" Diameter	LF	\$84	\$48	\$55	\$70	\$60	\$75
72" Diameter	LF	\$110	\$63	\$65	\$85	\$75	\$78
96" Diameter	LF	\$154	\$88	\$90	\$95	\$95	\$105
Internal Pipe Point Repairs (Including cutting, trimming, jacking, etc.)							
18" Diameter	LF	\$120	\$227		\$350	\$350	\$350
24" Diameter	LF	\$150	\$284		\$350	\$350	\$350
30" Diameter	LF	\$175	\$284		\$250	\$350	\$350
36" Diameter	LF	\$180	\$284		\$199	\$250	\$250
42" Diameter	LF	\$210	\$284		\$199	\$200	\$250
48" Diameter	LF	\$225	\$284		\$199	\$150	\$250
60" Diameter	LF	\$350	\$284		\$199	\$100	\$250
72" Diameter	LF	\$425	\$284		\$199	\$50	\$250
96" Diameter	LF	\$550	\$284		\$199	\$50	\$250
Stu							
New Std. Catch Basins shall be GDOT 1033/1034 or Dekalb Stds.							
4'-Dia. Brick Catch Basin GADOT 1033/1034	VF	\$200	\$454	\$800	\$649	\$650	\$650
5'-Dia. Brick Catch Basin GADOT 1033/1034	VF	\$300	\$494	\$900	\$749	\$750	\$750
6'-Dia. Brick Catch Basin GADOT 1033/1034	VF	\$465	\$534	\$1,200	\$849	\$850	\$850
4'-Dia. Precast Catch Basin GADOT 1033/1034	VF	\$220	\$454	\$600	\$399	\$395	\$400
5'-Dia. Precast Catch Basin GADOT 1033/1034	VF	\$330	\$494	\$800	\$375	\$570	\$475
6'-Dia. Precast Catch Basin GADOT 1033/1034	VF		\$494 \$534	· ·			\$625
U-Dia. Flecasi Calcii Basiii GADO1 1055/1054	VF	\$475	\$ 534	\$1,000	\$599	\$670	\$025
Storm Drain Inlets & Manholes							
New Std. Inlet shall be GDOT 1019/1011 or Dekalb Stds.							

Item	Unit	Const 57	Layne	Site	SPC	GDP	IPR
Brick Square Inlets							
4' Square Brick Inlet w/ Flush Grate Only	VF	\$1,500	\$369	\$800	\$550	\$450	\$555
5' Square Brick Inlet w/ Flush Grate Only	VF	\$1,750	\$397	\$900	\$650	\$600	\$650
6' Square Brick Inlet w/ Flush Grate Only	VF	\$1,850	\$483	\$1,200	\$750	\$700	\$750
4' Square Brick Inlet w/ Curb Hood & Grate	VF	\$2,000	\$369	\$900	\$550	\$475	\$555
5' Square Brick Inlet w/ Curb Hood & Grate	VF	\$2,000	\$397	\$1,000	\$650	\$625	\$650
6' Square Brick Inlet w/ Curb Hood & Grate	VF	\$2,200	\$483	\$1,300	\$750	\$725	\$750
4' Square Brick Inlet w/ Pedestal Top & Grate	VF	\$2,150	\$397	\$900	\$550	\$475	\$555
5' Square Brick Inlet w/ Pedestal Top & Grate	VF	\$2,200	\$511	\$1,000	\$650	\$625	\$658
6' Square Brick Inlet w/ Pedestal Top & Grate	VF	\$2,500	\$624	\$1,300	\$750	\$725	\$750
Brick Round Inlets							
4' Round Brick Inlet w/ Flush Grate Only	VF	\$1,500	\$341	\$900	\$450	\$450	\$465
5' P : nd Brick Inlet w/ Flush Grate Only	VF	\$1,750	\$454	\$1,000	\$550	\$600	\$550
6' I 7 nd Brick Inlet w/ Flush Grate Only	VF	\$1,850	\$568	\$1,300	\$650	\$700	\$650
4' Round Brick Inlet w/ Curb Hood & Grate	VF	\$2,000	\$397	\$900	\$460	\$475	\$460
5' Round Brick Inlet w/ Curb Hood & Grate	VF	\$2,000	\$511	\$1,000	\$560	\$600	\$565
6' Round Brick Inlet w/ Curb Hood & Grate	VF	\$2,200	\$568	\$1,300	\$660	\$700	\$665
4' Round Brick Inlet w/ Pedestal Top & Grate or MH Ring & Cover	VF	\$2,200	\$397	\$900	\$450	\$450	\$450
5' Round Brick Inlet w/ Pedestal Top & Grate or MH Ring & Cover	VF	\$2,200	\$511	\$1,000	\$550	\$600	\$565
6' Round Brick Inlet w/ Pedestal Top & Grate or MH Ring & Cover	VF	\$2,350	\$568	\$1,300	\$650	\$700	\$665
Precast Square Inlets							
4' Square Precast Inlet w/ Flush Grate Only	VF	\$1,550	\$511	\$900	\$475	\$475	\$485
5' Square Precast Inlet w/ Flush Grate Only	VF	\$1,800	\$624	\$1,000	\$525	\$625	\$525
6' Square Precast Inlet w/ Flush Grate Only	VF	\$1,900	\$738	\$1,300	\$600	\$750	\$600
4' Square Precast Inlet w/ Curb Hood & Grate	VF	\$2,100	\$568	\$900	\$475	\$475	\$485
5' Square Precast Inlet w/ Curb Hood & Grate	VF	\$2,200	\$681	\$1,000	\$525	\$625	\$525
6' Square Precast Inlet w/ Curb Hood & Grate	VF	\$2,350	\$794	\$1,300	\$600	\$750	\$600

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4' Square Precast Inlet w/ Pedestal Top & Grate	VF	\$2,200	\$568	\$900	\$475	\$490	\$485
5' Square Precast Inlet w/ Pedestal Top & Grate	VF	\$2,250	\$681	\$1,000	\$525	\$650	\$525
6' Square Precast Inlet w/ Pedestal Top & Grate	VF	\$2,550	\$794	\$1,300	\$600	\$775	\$600
Precast Round Inlets							
4' Round Precast Inlet w/ Flush Grate Only	VF	\$1,550	\$257	\$900	\$325	\$286	\$335
5' Round Precast Inlet w/ Flush Grate Only	VF	\$1,800	\$345	\$1,000	\$400	\$400	\$400
6' Round Precast Inlet w/ Flush Grate Only	VF	\$1,900	\$510	\$1,300	\$475	\$530	\$475
4' Round Precast Inlet w/ Curb Hood & Grate	VF	\$2,100	\$303	\$900	\$325	\$300	\$335
5' Round Precast Inlet w/ Curb Hood & Grate	VF	\$2,200	\$404	\$1,000	\$400	\$425	\$400
6' Round Precast Inlet w/ Curb Hood & Grate	VF	\$2,350	\$530	\$1,300	\$475	\$550	\$475
4' Round Precast Inlet w/ Pedestal Top & Grate or MH Ring & Cover	VF	\$2,250	\$357	\$900	\$325	\$325	\$335
5' Round Precast Inlet w/ Pedestal Top & Grate or MH Ring & Cover	VF	\$2,250	\$404	\$1,000	\$400	\$450	\$400
6' Parend Precast Inlet w/ Pedestal Top & Grate or MH Ring & Cover	VF	\$2,400	\$569	\$1,300	\$475	\$575	\$475
48-							
Square Brick Manholes							
4' Square Brick Manhole w/ Manhole Ring & Cover	VF	\$775	\$511	\$900	\$450	\$450	\$455
5' Square Brick Manhole w/ Manhole Ring & Cover	VF	\$800	\$568	\$1,000	\$550	\$600	\$550
6' Square Brick Manhole w/ Manhole Ring & Cover	VF	\$850	\$624	\$1,300	\$650	\$700	\$650
Round Brick Manholes							
4' Round Brick Manhole w/ Manhole Ring & Cover	VF	\$775	\$568	\$900	\$450	\$450	\$455
5' Round Brick Manhole w/ Manhole Ring & Cover	VF	\$800	\$681	\$1,000	\$550	\$600	\$550
6' Round Brick Manhole w/ Manhole Ring & Cover	VF	\$850	\$738	\$1,300	\$650	\$700	\$650
Square Precast Manholes							
4' Square Precast Manhole w/ Manhole Ring & Cover	VF	\$600	\$511	\$900	\$400	\$475	\$455
5' Square Precast Manhole w/ Manhole Ring & Cover	VF	\$600	\$568	\$1,000	\$450	\$625	\$550
6' Square Precast Manhole w/ Manhole Ring & Cover	VF	\$600	\$624	\$1,300	\$525	\$750	\$650

Item	Unit	Const 57	Layne	Site	SPC	GDP	IPR
Round Precast Manholes							
4' Round Precast Manhole w/ Manhole Ring & Cover	VF	\$600	\$280	\$900	\$275	\$286	\$455
5' Round Precast Manhole w/ Manhole Ring & Cover	VF	\$600	\$438	\$1,000	\$300	\$400	\$550
6' Round Precast Manhole w/ Manhole Ring & Cover	VF	\$600	\$599	\$1,300	\$375	\$530	\$650
Miscellaneous & Special Structures/Components							
4' Dia. Pedestal Top with Inlet Frame and Grate	EA	\$2,200	\$1,135	\$3,500	\$950	\$375	\$1,100
5' Dia. Pedestal Top with Inlet Frame and Grate	EA	\$2,300	\$1,305	\$4,000	\$1,050	\$400	\$1,100
6' Dia. Pedestal Top with Inlet Frame and Grate	EA	\$2,500	\$1,418	\$5,000	\$1,175	\$530	\$1,175
4' Dia. Pedestal Top with MH Ring & Cover	EA	\$2,250	\$1,135	\$3,500	\$750	\$375	\$1,100
5' Dia. Pedestal Top with MH Ring & Cover	EA	\$2,350	\$1,305	\$4,000	\$1,000	\$400	\$1,100
6' Dia. Pedestal Top with MH Ring & Cover	EA	\$2,550	\$1,418	\$5,000	\$1,350	\$530	\$1,350
4' Dia Round to Square	EA	\$3,000	\$1,362	\$200	\$300	\$255	\$350
5' Γ; Round to Square	EA	\$3,200	\$1,503	\$250	\$400	\$390	\$400
6' 1 Pound to Square	EA	\$3,300	\$1,645	\$300	\$525	\$550	\$550
Precast Replacement Top Only for Single Wing, w/ Ring & Cover, not including throat	EA	\$2,000	\$1,418	\$1,500	\$950	\$925	\$950
Precast Replacement Top Only for Double Wing w/Ring & Cover, not including throat	EA	\$2,500	\$1,560	\$1,500	\$1,050	\$9 2 5	\$1,050
4'x4' Precast Top w/ MH Ring and Cover	EA	\$2,000	\$1,362	\$300	\$500	\$500	\$500
5'x5' Precast Top w/ MH Ring and Cover	EA	\$2,250	\$1,702	\$500	\$675	\$825	\$675
Cast-in-Place Top Only w/Ring & Cover	CY	\$150	\$1,418	\$1,000	\$1,150	\$950	\$1,150
Cast-in-Place Throat Only	CY	\$120	\$1,021	\$1,000	\$750	\$950	\$750
Invert Installation, 4' Diameter	EA	\$1,000	\$318	\$150	\$250	\$200	\$255
Invert Installation, 5' Diameter Invert Installation, 5' Diameter	EA	\$1,200	\$369	\$200	\$300	\$250	\$350
Invert Installation, 6' Diameter	EA	\$1,500	\$454	\$300	\$350	\$350	\$375
Invert Installation, other configurations	SF	\$40	\$40	\$100	\$13	\$400	\$13
Uncover Buried Junction Box (<4')	EA	\$500	\$454	\$500	\$250	\$250	\$350
Uncover Buried Junction Box (4'-7.9')	EA	\$750	\$511	\$600	\$500	\$450	\$550
Uncover Buried Junction Box (8'-11.9')	EA	\$1,000	\$568	\$1,000	\$750 \$750	\$650	\$750 \$750
Uncover Buried Junction Box (>12')	EA	\$1,500	\$681	\$2,000	\$1,000	\$1,200	\$1,250

Item	Unit	Const 57	Layne	Site	SPC	GDP	IPR
Grout Connection To Structure							
12" Grout Each End to Structure	EA	\$1,000	\$454	\$200	\$125	\$50	\$150
15" Grout Each End to Structure	EA	\$1,000	\$511	\$200	\$150	\$50	\$155
18" Grout Each End to Structure	EA	\$1,200	\$568	\$200	\$150	\$50	\$165
21" Grout Each End to Structure	EA	\$1,200	\$568	\$200	\$175	\$50	\$175
24" Grout Each End to Structure	EA	\$1,200	\$624	\$200	\$200	\$60	\$200
27" Grout Each End to Structure	EA	\$1,500	\$681	\$200	\$200	\$60	\$210
30" Grout Each End to Structure	EA	\$1,500	\$738	\$200	\$200	\$60	\$215
36" Grout Each End to Structure	EA	\$1,500	\$794	\$200	\$225	\$70	\$225
42" Grout Each End to Structure	EA	\$1,800	\$851	\$300	\$250	\$70	\$250
48" Grout Each End to Structure	EA	\$1,800	\$91	\$300	\$275	\$70	\$275
54" Grout Each End to Structure	EA	\$1,800	\$965	\$300	\$350	\$80	\$350
60" Grout Each End to Structure	EA	\$2,000	\$1,021	\$300	\$375	\$80	\$375
66" Grout Each End to Structure	EA	\$2,000	\$1,078	\$350	\$400	\$90	\$400
72" Grout Each End to Structure	EA	\$2,200	\$1,135	\$400	\$400	\$100	\$425
Gr of all joint, cracks & holes, in structures, complete	EA	\$2,200	\$568	\$800	\$500	\$150	\$500
0-							
LINING REQUIREMENTS							
Cured In Place Pipe Liner (CIPP) - (12' or less in depth)							
Includes Pre and Post Television Inspections during lining							
12" PIPE - 7.5mm (.2953")	LF	\$125	\$69		\$70		\$65
15" PIPE - 7.5mm (.2953")	LF	\$135	\$69		\$70		\$75
18" PIPE - 8.0mm (.315")	LF	\$150	\$72		\$88		\$85
21" PIPE - 10.0mm (.3937")	LF	\$160	\$82		\$110		\$110
24" PIPE - 10.0mm (.3937")	LF	\$165	\$103		\$112		\$110
30" PIPE - 12.5mm (.4921")	LF	\$175	\$125		\$152		\$150
36" PIPE - 16.0mm (.6299")	LF	\$195	\$159		\$168		\$165
42" PIPE - 18.0mm (.7087")	LF	\$215	\$210		\$280		\$275
48" PIPE - 21.0mm (.8268")	LF	\$225	\$250		\$305		\$300
54" PIPE - 24.0mm (.9449")	LF	\$350	\$312		\$400		\$400
60" PIPE - 28.5mm (1.122")	LF	\$500	\$441		\$467		\$465
66" PIPE - 30.0mm (1.1811")	LF	\$550	\$789		\$575		\$575
72" PIPE - 32.5mm (1.2795")	LF	\$650	\$945		\$628		\$625
78" PIPE - 33.0mm (1.2992")	LF	\$750	\$1,111		\$750		\$750

Item	Unit	Const 57	Layne	Site	SPC	GDP	IPR
84" PIPE - 35.5mm (1.3976")	LF	\$850	\$1,287		\$825		\$815
90" PIPE - 38.0mm (1.4961")	LF	\$1,100	\$1,322		\$875		\$850
96" PIPE - 40.5mm (1.5945")	LF	\$1,150	\$1,372		\$1,000		\$985
Additional Cost Per 1.5mm (.0591") Thickness - 12" PIPE	LF	\$250	\$3		\$2		
Additional Cost Per 1.5mm (.0591") Thickness - 15" PIPE	LF	\$270	\$3		\$2		\$2
Additional Cost Per 1.5mm (.0591") Thickness - 18" PIPE	LF	\$300	\$3		\$4		\$2 \$2 \$3 \$3 \$5 \$5 \$5
Additional Cost Per 1.5mm (.0591") Thickness - 21" PIPE	LF	\$320	\$4		\$4		\$3
Additional Cost Per 1.5mm (.0591") Thickness - 24" PIPE	LF	\$350	\$4		\$7		\$5
Additional Cost Per 1.5mm (.0591") Thickness - 30" PIPE	LF	\$375	\$5		\$7		\$5
Additional Cost Per 1.5mm (.0591") Thickness - 36" PIPE	LF	\$400	\$5		\$7		\$5
Additional Cost Per 1.5mm (.0591") Thickness - 42" PIPE	LF	\$450	\$6		\$8		\$7
Additional Cost Per 1.5mm (.0591") Thickness - 48" PIPE	LF	\$475	\$8		\$9		\$8
Additional Cost Per 1.5mm (.0591") Thickness - 54" PIPE	LF	\$900	\$11		\$10		\$10
Additional Cost Per 1.5mm (.0591") Thickness - 60" PIPE	LF	\$1,100	\$11		\$11		\$10
Additional Cost Per 1.5mm (.0591") Thickness - 66" PIPE	LF	\$1,115	\$14		\$15		\$15
Ad ; onal Cost Per 1.5mm (.0591") Thickness - 72" PIPE	LF	\$1,115	\$16		\$16		\$15
Ad in onal Cost Per 1.5mm (.0591") Thickness - 78" PIPE	LF	\$1,115	\$19		\$25		\$25
Additional Cost Per 1.5mm (.0591") Thickness - 84" PIPE	LF	\$1,200	\$21		\$31		\$30
Additional Cost Per 1.5mm (.0591") Thickness - 90" PIPE	LF	\$1,200	\$23		\$33		\$30
Additional Cost Per 1.5mm (.0591") Thickness - 96" PIPE	LF	\$1,200	\$25		\$35		\$30
Inversion Setup							
Inversion Setup Charge 15"- 36" CIPP	EACH	\$4,000	\$1,702		\$800		\$1,000
Inversion Setup Charge 42"- 60" CIPP	EACH	\$4,500	\$1,929		\$2,500		\$4,500
Inversion Setup Charge 66"- 96" CIPP	EACH	\$5,500	\$2,836		\$6,000		\$10,000
Spin Cast Lining							
30" Cent. Spin Cast Lining - 1.5 in Thickness	LF	\$700	\$363		\$250		\$225
36" Cent. Spin Cast Lining - 1.5 in Thickness	LF	\$750	\$409		\$250		\$240
42" Cent. Spin Cast Lining - 1.5 in Thickness	LF	\$900	\$477		\$290		\$295
48" Cent. Spin Cast Lining - 1.5 in Thickness	LF	\$1,000	\$545		\$328		\$325
54" Cent. Spin Cast Lining - 1.5 in Thickness	LF	\$1,200	\$644		\$405		\$400
60" Cent. Spin Cast Lining - 1.5 in Thickness	LF	\$1,500	\$824		\$428		\$430
66" Cent. Spin Cast Lining - 1.5 in Thickness	LF	\$1,800	\$906		\$525		\$525
72" Cent. Spin Cast Lining - 1.5 in Thickness	LF	\$2,450	\$980		\$550		\$550

Item	Unit	Const 57	Layne	Site	SPC	GDP	IPR
Additional Cost Per 0.5 in Thickness - 30" PIPE	LF	\$1,200	\$205		\$48		\$50
Additional Cost Per 0.5 in Thickness - 36" PIPE	LF	\$1,250	\$164		\$49		\$50
Additional Cost Per 0.5 in Thickness - 42" PIPE	LF	\$1,400	\$193		\$50		\$50
Additional Cost Per 0.5 in Thickness - 48" PIPE	LF	\$1,500	\$273		\$55		\$50
Additional Cost Per 0.5 in Thickness - 54" PIPE	LF	\$1,700	\$307		\$55		\$50
Additional Cost Per 0.5 in Thickness - 60" PIPE	LF	\$1,900	\$341		\$68		\$65
Additional Cost Per 0.5 in Thickness - 66" PIPE	LF	\$2,100	\$443		\$80		\$80
Additional Cost Per 0.5 in Thickness - 72" PIPE	LF	\$3,000	\$494		\$85		\$80
Slip Lining w/HDPE, Includes Grouting							
15" Slip Lining	LF		\$188		\$69	\$100	\$100
18" Slip Lining	LF		\$225		\$100	\$125	\$100
24" Slip Lining	LF		\$300		\$105	\$175	\$175
30" Slip Lining	LF		\$375		\$125	\$225	\$250
36" Slip Lining	LF		\$450		\$160	\$275	\$350
42" Cining Lining	LF		\$524		\$200	\$365	\$550
48' P p Lining	LF		\$599		\$230	\$400	\$650
54" Slip Lining	LF		\$674		\$380	\$630	\$850
60" Slip Lining	LF		\$749		\$500	\$780	\$1,000
Slip Lining with Snap-Tite HDPE (AASHTO M326), Include Grouting			4				1
12.75" OD	LF		\$155		\$620	\$685	\$125
14" OD	LF		\$173		\$625	\$721	\$150 ·
18" OD	LF		\$173		\$650	\$757	\$300
20" OD	LF		\$211		\$660	\$793	\$300
24" OD	LF		\$243		\$670	\$829	\$300
32" OD	LF		\$278		\$700	\$865	\$300
36" OD	LF		\$397		\$725	\$901	\$400
42" OD	LF		\$462		\$750 ·	\$937	\$600
48" OD	LF		\$551		\$795	\$973	\$700
54" OD	LF		\$678		\$850	\$1,009	\$900
63" OD	LF		\$784		\$950	\$1,045	\$1,500
Styrene Free - Cured In Place Pipe Liner (12' or Less in Depth)	1.5		640		40-		6400
Styrene Free 12" PIPE - 7.5mm	LF		\$104		\$95		\$100

Item	Unit	Const 57	Layne	Site	SPC	GDP	IPR
Styrene Free 15" PIPE - 7.5mm	LF		\$112		\$105		\$100
Styrene Free 18" PIPE - 8.0mm	LF		\$125		\$110		\$105
Styrene Free 21" PIPE - 10.0mm	LF		\$140		\$135		\$135
Styrene Free 24" PIPE - 10.0mm	LF		\$160		\$170		\$165
Styrene Free 30" PIPE - 12.5mm	LF		\$196		\$205		\$200
Styrene Free 36" PIPE - 16.0mm	LF		\$253		\$255		\$255
Styrene Free 42" PIPE - 18.0mm	LF		\$341		\$405		\$400
Styrene Free 48" PIPE - 21.0mm	LF		\$454		\$455		\$450
Styrene Free 54" PIPE - 24.0mm	LF		\$568		\$685		\$690
Styrene Free 60" PIPE - 28.5mm	LF		\$664		\$780		\$775
Styrene Free 66" PIPE - 30.0mm	LF		\$771		\$952		\$950
Styrene Free 72" PIPE - 32.5mm	LF		\$1,050		\$1,200		\$1,150
Styrene Free 78" PIPE - 33.0mm	LF		\$1,107		\$1,350		\$1,350
Styrene Free 84" PIPE - 35.5mm	LF		\$1,179		\$1,630		\$1,625
Styrene Free 90" PIPE - 38.0mm	LF		\$1,340		\$1,850		\$1,850
Sty 🛵 e Free 96" PIPE - 40.5mm	LF		\$1,604		\$2,010		\$2,000
Ad onal Cost Per 1.5mm Thickness Styrene Free - 12" PIPE	LF		\$5		\$6		\$6
Additional Cost Per 1.5mm Thickness Styrene Free - 15" PIPE	LF		\$7		\$6		\$7 \$8
Additional Cost Per 1.5mm Thickness Styrene Free - 18" PIPE	LF		\$7		\$9		\$8
Additional Cost Per 1.5mm Thickness Styrene Free - 21" PIPE	LF		\$8		\$10		\$10
Additional Cost Per 1.5mm Thickness Styrene Free - 24" PIPE	LF		\$8		\$12		\$11
Additional Cost Per 1.5mm Thickness Styrene Free - 30" PIPE	LF		\$11		\$13		\$12
Additional Cost Per 1.5mm Thickness Styrene Free - 36" PIPE	LF		\$14		\$16		\$15
Additional Cost Per 1.5mm Thickness Styrene Free - 42" PIPE	LF		\$16		\$25		\$25
Additional Cost Per 1.5mm Thickness Styrene Free - 48" PIPE	LF		\$15		\$30		\$25
Additional Cost Per 1.5mm Thickness Styrene Free - 54" PIPE	LF		\$18		\$30		\$25
Additional Cost Per 1.5mm Thickness Styrene Free - 60" PIPE	LF		\$22		\$37		\$35
Additional Cost Per 1.5mm Thickness Styrene Free - 66" PIPE	LF		\$24		\$37		\$35
Additional Cost Per 1.5mm Thickness Styrene Free - 72" PIPE	LF		\$27		\$52		\$50
Additional Cost Per 1.5mm Thickness Styrene Free - 78" PIPE	LF		\$30		\$52		\$50
Additional Cost Per 1.5mm Thickness Styrene Free - 84" PIPE	LF		\$31		\$52		\$50
Additional Cost Per 1.5mm Thickness Styrene Free - 90" PIPE	LF		\$33		\$58		\$55
Additional Cost Per 1.5mm Thickness Styrene Free - 96" PIPE	LF		\$36		\$65		\$60

Item	Unit	Const 57	Layne	Site	SPC	GDP	IPR
Cast in Place Concrete							
Paved Ditch/Swale (4" Thick)	SY		\$46	\$30	\$36	\$36	\$40
Driveway 4" Concrete (Residential w/4" of GAB included)	SY		\$57	\$40	\$50	\$38	\$50
Driveway 6" Concrete (Commercial w/6" of GAB included)	SY	\$60	\$69	\$45	\$60	\$48	no reply
Driveway 8" Concrete (Commercial w/6" of GAB included)	SY	\$75	\$103	\$50	\$75	\$60	\$75
Regular Duty Sidewalk (4" Thick, 3000 psi) <5' length	SY	\$32	\$57	\$35	\$63	\$36	\$65
Regular Duty Sidewalk (4" Thick, 3000 psi) 5'-10' length	SY	\$45	\$57	\$35	\$63	\$34	\$60
Regular Duty Sidewalk (4" Thick, 3000 psi) 11'-20' length	SY	\$75	\$57	\$35	\$53	\$30	\$60
Medium Duty Sidewalk (5" Thick, Fiber Reinf. 3000 psi) <5' length	SY	\$55	\$63	\$40	\$73	\$37	\$75
Medium Duty Sidewalk (5" Thick, Fiber Reinf. 3000 psi) 5'-10' length	SY	\$75	\$63	\$40	\$73	\$35	\$70
Medium Duty Sidewalk (5" Thick, Fiber Reinf. 3000 psi) 11'-20' length	SY	\$90	\$63	\$40	\$63	\$31	\$70
Heavy Duty Sidewalk (6" w/Wire Mesh, & 3500 psi) <5' length	SY	\$90	\$69	\$50	\$78	\$47	\$80
Heavy Duty Sidewalk (6" w/Wire Mesh, & 3500 psi) 5'-10' length	SY	\$105	\$69	\$50	\$78	\$45	\$75
Heavy Duty Sidewalk (6" w/Wire Mesh, & 3500 psi) 11'-20' length	SY	\$120	\$69	\$50	\$68	\$43	\$75
Curb & Gutter 6"x24"x12" High Back	LF	\$15	\$37	\$20	\$32	\$20	\$35
Cu ; Gutter 6"x30"x12" High Back	LF	\$18	\$40	\$25	\$35	\$24	\$35
Cu † nd Gutter 6"x24"x10" Roll Back	LF	\$18	\$35	\$25	\$32	\$19	\$35
Straight Header Curb	LF	\$12	\$40	\$20	\$20	\$18	\$25
Concrete Drainage Structures Poured In Place w/ Steel	CY	\$255	\$624	\$500	\$695	\$500	\$750
High Early Strength (5000 psi)	CY	\$450	\$624	\$200	\$150	\$300	\$150
Road Restoration							
Graded Aggregate Base	Ton	\$50	\$69	\$35	\$75	\$36	\$75
Crusher Run Stone	Ton	\$55	\$69	\$35	\$35	\$36	\$35
Asphaltic Concrete Binder Course	Ton	\$200	\$171	\$70	\$125	\$174	\$125
Asphaltic Concrete Surface Course	Ton	\$200	\$193	\$70	\$135	\$196	\$135
Tack Coat	Gal	\$500	\$46	\$10	\$15	\$50	\$15
2" Asph. Con. Hot Mix for Trench Cap	Ton	\$250	\$250	\$70	\$135	\$196	\$135
8" Thick 3000 psi- Concrete Trench Cap	CY	\$450	\$205	\$200	\$295	\$215	\$295

Item	Unit	Const 57	Lavne	Site	SPC	GDP	IPR
Earthwork & Grading							
Tree Removal 6"-12""	EA	\$2,500	\$681	\$300	\$490	\$616	\$500
Tree Removal 13"-23"	EA	\$3,500	\$1,702	\$1,200	\$790	\$765	\$800
Tree Removal >23"	EA	\$4,500	\$2,836	\$2,000	\$1,490	\$952	\$1,500
Clear & Grubbing	SY	\$28	\$6	\$1	\$9	\$2	\$9
Channel Excavation	CY	\$175	\$18	\$30	\$8	\$7	\$10
Additional Excavation	CY	\$170	\$12	\$30	\$8	\$7	\$10
Haul-In Structural Fill Material	CY	\$350	\$23	\$20	\$30	\$21	\$35
Haul-Off Soil Material	CY	\$375	\$23	\$20	\$25	\$21	\$35
Finish Grading	SY	\$500	\$10	\$3	\$3	\$2	\$5
Trench Rock Excavation	CY	\$300	\$171	\$200	\$135	\$65	\$150
Debris Removal	CY	\$175	\$23	\$30	\$40	\$29	\$50
Erosion Control							
Stone Rip Rap Type I In Place	SY	\$150	\$52	\$80	\$59	\$58	\$60
Stc	SY	\$125	\$40	\$60	\$49	\$54	\$60
Stc 👸 Grouted Rip Rap 12" Installed	SY	\$180	\$63	\$120	\$79	\$68	\$80
Install & Remove Type A Silt Fence	LF	\$3	\$3	\$3	\$4	\$2	\$4
Install & Remove Type C Silt Fence	LF	\$4	\$4	\$4	\$6	\$3	\$6
Install & Remove Type C Silt Fence - Alternative	LF	\$4	\$4	\$4	\$6	\$3	\$6
Inlet Sediment Traps - Silt Fence Sd2	EA	\$300	\$57	\$300	\$99	\$95	\$100
Rock Bags for curb inlet/CB sediment Protection	EA	\$250	\$114	\$100	\$100	\$160	\$115
Install & Remove Orange Tree Save Fence	LF	\$2	\$4	\$3	\$3	\$2	\$30
Gabion Structures (GDOT Section 626 & 809)	CY	\$600	\$681	\$400	\$249	\$175	\$250
Permanent Soil Reinf Mat Installed	SY	\$120	\$8	\$4	\$7	\$5	\$7
Organic Material Fiber Blanket Installed	SY	\$120	\$6	\$4	\$3	\$3	\$3
Seed & Straw (Permanent Grassing)	SY	\$2	\$5	\$1	\$2	\$2	\$2 \$1
Seed & Straw (Temporary Grassing)	SY	\$2	\$4	\$1	\$1	\$1	\$1
Sodding Complete-Fescue	SY	\$11	\$10	\$12	\$6	\$5	\$6
Sodding Complete-Bermuda	SY	\$11	\$11	\$12	\$6	\$4	\$6
Sodding Complete-Zoyzia	SY	\$12	\$14	\$12	\$8	\$7	\$6 \$8
Sodding Complete-Centipede	SY	\$13	\$11	\$12	\$7	\$5	\$7
Topsoil Compete	CY	\$150	\$29	\$30	\$29	\$26	\$30
Pine Straw	SY	\$11	\$11	\$8	\$2	\$1	\$3
Straw Mulch	SY	\$11	\$10	\$3	\$1	\$6	\$2

Item	Unit	Const 57	Layne	Site	SPC	GDP	IPR
Tree Replacement 2-1/2" Hardwood, Installed	EA	\$500	\$256	\$400	\$249	\$250	\$275
Tree Replacement 2-1/2" Pine, Installed	EA	\$500	\$256	\$400	\$249	\$200	\$250
Shrub Replacement: 1 gallon, installed	EA	\$350	\$69	\$200	\$69	\$15	\$70
Shrub Replacement: 3 gallon, installed	EA	\$400	\$91	\$200	\$89	\$30	\$90
Shrub Replacement: 5 gallon, installed	EA	\$450	\$114	\$300	\$129	\$45	\$135
Shrub Replacement: 7 gallon, installed	EA	\$500	\$142	\$400	\$149	\$65	\$150
Bedding Flower per flat of 18, installed	SY	\$35	\$57	\$200	\$79	\$45	\$80
Miscellaneous Items							
Connect to Existing Structures	EA	\$1,500	\$454	\$1,000	\$750	\$498	\$750
Debris Removal, Tandem Dump Truck	Per Load	\$1,000	\$171	\$300	\$750	\$257	\$750
Removal of Existing Non Drainage Structure	EA	\$2,000	\$681	\$800	\$790	\$746	\$800
Removal of Existing Drainage Structure	EA	\$2,000	\$908	\$1,000	\$790	\$746	\$800
Remove Existing Pipe all Types and Sizes	LF	\$25	\$57	\$15	\$59	\$45	\$65
Saw Cut Existing Pavements	LF	\$3	\$5	\$8	\$3	\$3	\$5
Stc ₅ <u>457</u>	TON	\$50	\$40	\$25	\$38	\$36	\$42
Sui T Stone	TON	\$55	\$29	\$30	\$38	\$36	\$42
No. 3's and 4's Stone	TON	\$90	\$29	\$30	\$38	\$36	\$42
Roll-Off Dumpster	Per Day	\$1,000	\$397	\$400	\$600	\$500	\$750
Relocate Existing Residential Water Meter, Including Box	EA	\$750	\$284	\$500	\$190	\$475	\$200
Install Thermal Barrier to protect water service line or other utilities	SF	\$90	\$2	\$100	\$11	\$5	\$11
Bypass pumping setup-equipment and hose placement	EA	\$10,000	\$227	\$2,000	\$700	\$1,200	\$850
4" Pumping Operation Time	HR	\$300	\$57	\$100	\$50	\$50	\$55
6" Pumping Operation Time	HR	\$1,700	\$69	\$200	\$60	\$75	\$65
8" Pumping Operation Time	HR	\$1,200	\$80	\$300	\$79	\$150	\$85
10" Pumping Operation Time	HR	\$1,500	\$91	\$400	\$230	\$225	\$250
12" Pumping Operation Time	HR	\$1,800	\$103	\$500	\$275	\$325	\$275
Temporary 4' Chain Link Fence	LF	\$40	\$23	\$20	\$13	\$6	\$15
Remove and Replace Existing 4' Galvanized Standard Chain Link Fence Residential	LF	\$40	\$35	\$20	\$20	\$20	\$20
Remove and Replace Existing 5' Galvanized Standard Chain Link Fence Residential	LF	\$45	\$40	\$25	\$20	\$22	\$20
Remove and Replace Existing 4' Black Vinyl Standard Chain Link Fence Residential	LF	\$75	\$40	\$30	\$25	\$21	\$25
Remove and Replace Existing 5' Black Vinyl Standard Chain Link Fence Residential	LF	\$80	\$46	\$35	\$25	\$23	\$25
Steel Plates (Typ. 5'x8' Size)	EA/Day	\$75	\$227	\$100	\$100	\$125	\$150
Reset Existing Headwall	EA	\$1,500	\$341	\$1,000	\$149	\$550	\$300