Bid Tabulation
City of Lake Worth Beach
IFB #25-105 Emergency Utility Repairs for Water, Wastewater and Stormwater

ITEM	DESCRIPTION		UNIT	B&B Underground Constrution, Inc. PRICE	Hinterland Group, Inc. PRICE	Johnson-Davis Incorporated PRICE	Foster Marine Contractors, Inc. PRICE
GENERAL CONDITIONS							
GC-1	Emergency Mobilization/Demobilization Costs for Rear Easement repairs		LS	$5,000.00	$7,500.00	$4,000.00	$15,000.00
GC-2	Emergency Mobilization/Demobilization Costs for Utility Right of Way repairs		LS	$5,000.00	$6,500.00	$4,000.00	$25,000.00
GC-3	NON-Emergency Mobilization/Demobilization Costs for Rear Easement repairs		LS	$3,000.00	$2,500.00	$4,000.00	$10,000.00
GC-4	NON-Emergency Mobilization/Demobilization Costs for Utility Right of Way repairs		LS	$3,000.00	$2,000.00	$4,000.00	$15,000.00
GC-5	Record Drawing (less than 40 LF of Utility Work)		LS	$1,000.00	$1,500.00	$2,000.00	$3,000.00
GC-6	Record Drawing (more than 40 LF of Utility Wortk)		LS	$3,000.00	$1,500.00	$3,000.00	$5,000.00
GC-7	Construction Survey		LS	$2,500.00	$5,000.00	$3,000.00	$5,000.00
GC-8	M.O.T. Residential Street		EA	$500.00	$500.00	$750.00	$10,000.00
GC-9	M.O.T. City Arterial Roadway		EA	$3,000.00	$1,000.00	$2,000.00	$25,000.00
GC-10	M.O.T. DOT Roadway		EA	$5,000.00	$2,500.00	$4,000.00	$50,000.00
GC-11	Bacteriological Testing and Clearance of Water Mains (actual cost reimbursement by City)		ALLOWANCE				
GC-12	Density Tests (actual cost reimbursement by City)		---				
GC-13	Proctor Tests (actual cost reimbursement by City)						
GC-14	Florida Bearing Value Tests (actual cost reimbursement by City)		---				
GC-15	LBR Test (Load Bearing Ratio) (actual cost reimbursement by City)		---				
GC-16	Concrete 12" x 6" Cylinder Test (actual cost reimbursement by City)		---				
GC-17	Applicable Permits (actual cost reimbursement by City)						
GC-18	Pre-Construction Video		EA	$2,500.00	$1,500.00	$1,000.00	$1,500.00
GC-19	Post Construction Video		EA	$2,500.00	$500.00	$1,000.00	$1,500.00
WASTEWATER **WASTEWATER FORCEMAIN- includes all fittings, appurtenances, restraints and restoration for a complete installation**							
F-1	Furnish & Install 4-Inch C-900 DR-18 PVC Sewer Main		LF	$105.00	$95.00	$60.00	$300.00
F-2	Furnish & Install 4-Inch Class 350 DIP Sewer Main		LF	$186.00	$100.00	$130.00	$375.00
F-3	Furnish & Install 6-Inch C-900 DR-18 PVC Sewer Main		LF	$160.00	$110.00	$65.00	$475.00
F-4	Furnish & Install 6-Inch Class 350 DIP Sewer Main		LF	$208.00	$115.00	$120.00	$550.00
F-5	Furnish & Install 8-Inch C-900 DR-18 PVC Sewer Main		LF	$251.00	$120.00	$80.00	$650.00
F-6	Furnish & Install 8-Inch Class 350 DIP Sewer Main		LF	$320.00	$135.00	$140.00	$750.00
F-7	Furnish & Install 10-Inch C-900 DR-18 PVC Sewer Main		LF	$309.00	$135.00	$100.00	$800.00
F-8	Furnish & Install 10-Inch Class 350 DIP Sewer Main		LF	$486.00	$148.00	$160.00	$850.00
F-9	Furnish & Install 12-Inch C-900 DR-18 PVC Sewer Main		LF	$307.14	$145.00	$140.00	$1,000.00
F-10	Furnish & Install 12-Inch Class 350 DIP Sewer Main		LF	$481.45	$160.00	$175.00	$1,200.00
F-11	Furnish & Install 16-Inch C-905 DR-18 PVC Sewer Main		LF	$552.33	$180.00	$210.00	$1,500.00
F-12	Furnish & Install 16-Inch Class 350 DIP Sewer Main		LF	$642.12	$190.00	$260.00	$1,700.00
F-13	Furnish & Install 18-Inch C-905 DR-18 PVC Sewer Main		LF	$866.98	$200.00	$270.00	$2,000.00
F-14	Furnish & Install 18-Inch Class 350 DIP Sewer Main		LF	$1,042.80	$205.00	$300.00	$2,200.00
F-15	Furnish & Install 20-Inch C-905 DR-18 PVC Sewer Main		LF	$1,161.00	$300.00	$320.00	$2,300.00
F-16	Furnish & Install 20-Inch Class 350 DIP Sewer Main		LF	$1,158.00	$320.00	$350.00	$2,400.00
F-17	Furnish & Install 24-Inch C-905 DR-18 PVC Sewer Main		LF	$1,378.95	$430.00	$340.00	$2,500.00
F-18	Furnish & Install 24-Inch Class 350 DIP Sewer Main		LF	$1,450.00	$470.00	$380.00	$2,600.00
F-19	Furnish & Install 30-Inch C-905 DR-21 PVC Sewer Main		LF	$2,009.06	$550.00	$450.00	$3,000.00
F-20	Furnish & Install 30-Inch Class 350 DIP Sewer Main		LF	$2,477.98	$590.00	$600.00	$3,500.00
F-21	Furnish & Install 36-Inch C-905 DR-21 PVC Sewer Main		LF	$2,755.25	$650.00	$600.00	$4,000.00
F-22	Furnish & Install 36-Inch Class 350 DIP Sewer Main		LF	$2,864.21	$720.00	$800.00	$4,500.00
F-23	Furnish & Install 42-Inch Class 350 DIP Sewer Main		LF	$4,775.00	$800.00	$1,000.00	$5,000.00
GRAVITY SANITARY SEWER - includes all fittings, appurtenances, dewatering and restoration for a complete installation							
F-24	Furnish & Install 8-Inch SDR-26 PVC Sewer Main	4' - 8' Deep	LF	$72.00	$215.00	$75.00	$1,000.00

F-25	Furnish & Install 8-Inch SDR-26 PVC Sewer Main	8' - 12' Deep	LF	$96.00	$260.00	$100.00	$2,000.00
F-26	Furnish & Install 8-Inch DR-18 PVC Sewer Main	12' + Deep	LF	$240.00	$480.00	$140.00	$5,000.00
F-27	Furnish & Install 8-Inch Class 350 DIP Sewer Main	4' - 8' Deep	LF	$108.00	$225.00	$140.00	$1,500.00
F-28	Furnish & Install 8-Inch Class 350 DIP Sewer Main	8' - 12' Deep	LF	$216.00	$350.00	$150.00	$3,000.00
F-29	Furnish & Install 10-Inch SDR-26 PVC Sewer Main	4' - 8' Deep	LF	$132.00	$230.00	$90.00	$1,700.00
F-30	Furnish & Install 10-Inch SDR-26 PVC Sewer Main	8' - 12' Deep	LF	$252.00	$280.00	$125.00	$2,000.00
F-31	Furnish & Install 10-Inch DR-18 PVC Sewer Main	12' + Deep	LF	$301.00	$480.00	$175.00	$3,500.00
F-32	Furnish & Install 10-Inch Class 350 DIP Sewer Main	4' - 8' Deep	LF	$168.00	$370.00	$160.00	$2,000.00
F-33	Furnish & Install 10-Inch Class 350 DIP Sewer Main	8' - 12' Deep	LF	$336.00	$450.00	$175.00	$2,500.00
F-34	Furnish & Install 12-Inch SDR-26 PVC Sewer Main	4' - 8' Deep	LF	$138.00	$370.00	$110.00	$2,000.00
F-35	Furnish & Install 12-Inch SDR-26 PVC Sewer Main	8' - 12' Deep	LF	$168.00	$500.00	$150.00	$2,500.00
F-36	Furnish & Install 12-Inch DR-18 PVC Sewer Main	12' + Deep	LF	$336.00	$620.00	$190.00	$3,700.00
F-37	Furnish & Install 12-Inch Class 350 DIP Sewer Main	4' - 8' Deep	LF	$108.00	$370.00	$175.00	$2,500.00
F-38	Furnish & Install 12-Inch Class 350 DIP Sewer Main	8' - 12' Deep	LF	$192.00	$495.00	$205.00	$2,750.00
F-39	Furnish & Install 15-Inch SDR-26 PVC Sewer Main	4' - 8' Deep	LF	$144.00	$435.00	$150.00	$3,000.00
F-40	Furnish & Install 15-Inch SDR-26 PVC Sewer Main	8' - 12' Deep	LF	$216.00	$550.00	$210.00	$3,500.00
F-41	Furnish & Install 15-Inch DR-18 PVC Sewer Main	12' + Deep	LF	$348.00	$680.00	$250.00	$3,700.00
F-42	Furnish & Install 15-Inch Class 250 DIP Sewer Main	4' - 8' Deep	LF	$216.00	$430.00	$300.00	$4,000.00
F-43	Furnish & Install 15-Inch Class 250 DIP Sewer Main	8' - 12' Deep	LF	$240.00	$550.00	$350.00	$4,500.00
F-44	Furnish & Install 18-Inch PS 115 PVC Sewer Main	4' - 8' Deep	LF	$216.00	$350.00	$220.00	$3,500.00
F-45	Furnish & Install 18-Inch PS 115 PVC Sewer Main	8' - 12' Deep	LF	$264.00	$620.00	$275.00	$4,500.00
F-46	Furnish & Install 18-Inch DR-18 PVC Sewer Main	12' + Deep	LF	$420.00	$740.00	$300.00	$5,000.00
F-47	Furnish & Install 18-Inch Class 250 DIP Sewer Main	4' - 8' Deep	LF	$480.00	$300.00	$340.00	$4,000.00
F-48	Furnish & Install 18-Inch Class 250 DIP Sewer Main	8' - 12' Deep	LF	$552.00	$620.00	$400.00	$4,500.00
F-49	Furnish & Install 21-Inch PS 115 PVC Sewer Main	4' - 8' Deep	LF	$492.00	$350.00	$320.00	$3,000.00
F-50	Furnish & Install 21-Inch PS 115 PVC Sewer Main	8' - 12' Deep	LF	$576.00	$620.00	$375.00	$4,000.00
F-51	Furnish & Install 21-Inch DR-18 PVC Sewer Main	12' + Deep	LF	$660.00	$740.00	$450.00	$4,500.00
F-52	Furnish & Install 20-Inch Class 250 DIP Sewer Main	4' - 8' Deep	LF	$612.00	$350.00	$375.00	$4,500.00
F-53	Furnish & Install 20-Inch Class 250 DIP Sewer Main	8' - 12' Deep	LF	$624.00	$740.00	$425.00	$5,000.00
F-54	Furnish & Install 24-Inch PS 115 PVC Sewer Main	4' - 8' Deep	LF	$648.00	$620.00	$400.00	$4,700.00
F-55	Furnish & Install 24-Inch PS 115 PVC Sewer Main	8' - 12' Deep	LF	$720.00	$740.00	$475.00	$5,500.00
F-56	Furnish & Install 24-Inch DR-18 PVC Sewer Main	12' + Deep	LF	$780.00	$780.00	$550.00	$6,000.00
F-57	Furnish & Install 24-Inch Class 250 DIP Sewer Main	4' - 8' Deep	LF	$804.00	$300.00	$400.00	$5,000.00
F-58	Furnish & Install 24-Inch Class 250 DIP Sewer Main	8' - 12' Deep	LF	$888.00	$720.00	$460.00	$5,500.00
F-59	Furnish & Install 30-Inch PS 115 PVC Sewer Main	4' - 8' Deep	LF	$1,632.00	$820.00	$450.00	$5,000.00
F-60	Furnish & Install 30-Inch PS 115 PVC Sewer Main	8' - 12' Deep	LF	$1,680.00	$420.00	$500.00	$6,000.00
F-61	Furnish & Install 30-Inch DR-18 PVC Sewer Main	12' + Deep	LF	$2,040.00	$720.00	$575.00	$7,000.00
F-62	Furnish & Install 30-Inch Class 250 DIP Sewer Main	4' - 8' Deep	LF	$1,932.00	$400.00	$600.00	$5,500.00
F-63	Furnish & Install 30-Inch Class 250 DIP Sewer Main	8' - 12' Deep	LF	$1,920.00	$740.00	$675.00	$7,000.00
F-64	Furnish & Install 36-Inch PS 115 PVC Sewer Main	4' - 8' Deep	LF	$1,800.00	$450.00	$600.00	$5,000.00
F-65	Furnish & Install 36-Inch PS 115 PVC Sewer Main	8' - 12' Deep	LF	$1,812.00	$850.00	$700.00	$7,000.00
F-66	Furnish & Install 36-Inch DR-21 PVC Sewer Main	12' + Deep	LF	$2,016.00	$1,200.00	$750.00	$7,500.00
F-67	Furnish & Install 36-Inch Class 250 DIP Sewer Main	4' - 8' Deep	LF	$1,932.00	$600.00	$650.00	$5,000.00
F-68	Furnish & Install 36-Inch Class 250 DIP Sewer Main	8' - 12' Deep	LF	$1,968.00	$850.00	$725.00	$6,000.00
Sanitary Sewer Lateral Clean-Out including cut-in wye and all appurtenances for complete installation							
F-69	Sanitary Sewer 6" Lateral & Clean-out (single)	<7' depth to main	EA	$1,100.00	$3,400.00	$2,500.00	$15,000.00
F-70	Sanitary Sewer 6" Lateral & Clean-out (double)	<7' depth to main	EA	$1,300.00	$3,800.00	$3,000.00	$25,000.00
F-71	Sanitary Sewer 6" Lateral & Clean-out (single)	>7' depth to main	EA	$2,100.00	$5,400.00	$4,500.00	$50,000.00
F-72	Sanitary Sewer 6" Lateral & Clean-out (double)	>7' depth to main	EA	$2,300.00	$6,500.00	$5,000.00	$75,000.00
F-73	Sanitary Sewer 8" Lateral & Clean-out (single)		EA	$1,500.00	$3,600.00	$3,500.00	$25,000.00
F-74	Sanitary Sewer 8" Lateral & Clean-out (double)		EA	$1,600.00	$4,000.00	$4,000.00	$35,000.00
Furnish & Install Gate Valve & Valve Box							
F-75	4" Gate Valve & Valve Box		EA	$2,300.00	$1,900.00	$2,500.00	$7,000.00
F-76	6" Gate Valve & Valve Box		EA	$2,600.00	$2,300.00	$2,900.00	$9,000.00
F-77	6" Plug Valve & Valve box		EA	$3,200.00	$2,500.00	$3,000.00	$12,000.00
F-78	8" Plug Valve & Valve box		EA	$4,000.00	$3,000.00	$3,500.00	$15,000.00
F-79	10" Plug Valve & Valve box		EA	$7,000.00	$3,200.00	$5,000.00	$20,000.00
F-80	12" Plug Valve & Valve box		EA	$8,500.00	$4,500.00	$6,000.00	$25,000.00
F-81	16" Plug Valve & Valve box		EA	$16,500.00	$8,000.00	$13,000.00	$30,000.00
F-82	20" Plug Valve & Valve box		EA	$30,000.00	$19,000.00	$21,000.00	$40,000.00
Furnish & Install Tapping Sleeve with Valve & Valve Box							

F-83	4"x 4" Tapping Sleeve w/Valve & Valve Box		EA	$9,000.00	$3,500.00	$5,000.00	$10,000.00
F-84	6"x 4" Tapping Sleeve w/Valve & Valve Box		EA	$4,200.00	$3,800.00	$5,500.00	$11,000.00
F-85	6"x 6" Tapping Sleeve w/Valve & Valve Box		EA	$9,500.00	$4,200.00	$6,500.00	$12,000.00
F-86	8"x 4" Tapping Sleeve w/Valve & Valve Box		EA	$5,500.00	$4,000.00	$6,800.00	$13,000.00
F-87	8"x 6" Tapping Sleeve w/Valve & Valve Box		EA	$6,100.00	$4,400.00	$7,000.00	$13,500.00
F-88	8"x 8" Tapping Sleeve w/Valve & Valve Box		EA	$12,250.00	$4,800.00	$8,200.00	$14,000.00
F-89	10" x 4" Tapping Sleeve w/Valve & Valve Box		EA	$7,500.00	$4,000.00	$6,500.00	$14,500.00
F-90	10" x 6" Tapping Sleeve w/Valve & Valve Box		EA	$8,000.00	$6,700.00	$8,000.00	$15,000.00
F-91	10" x 8" Tapping Sleeve w/Valve & Valve Box		EA	$10,000.00	$7,000.00	$9,500.00	$15,500.00
F-92	10" x 10" Tapping Sleeve w/Valve & Valve Box		EA	$18,000.00	$7,000.00	$10,500.00	$16,000.00
F-93	12" x 4" Tapping Sleeve w/Valve & Valve Box		EA	$6,500.00	$5,200.00	$7,000.00	$17,000.00
F-94	12" x 6" Tapping Sleeve w/Valve & Valve Box		EA	$9,500.00	$6,950.00	$9,000.00	$17,500.00
F-95	12" x 8" Tapping Sleeve w/Valve & Valve Box		EA	$10,500.00	$7,700.00	$10,500.00	$18,000.00
F-96	12" x 10" Tapping Sleeve w/Valve & Valve Box		EA	$18,000.00	$8,700.00	$12,500.00	$19,000.00
F-97	12" x 12" Tapping Sleeve w/Valve & Valve Box		EA	$22,000.00	$11,200.00	$14,000.00	$20,000.00
F-98	16" x 6" Tapping Sleeve w/Valve & Valve Box		EA	$10,000.00	$7,500.00	$9,500.00	$22,000.00
F-99	16" x 8" Tapping Sleeve w/Valve & Valve Box		EA	$12,000.00	$8,200.00	$14,000.00	$24,000.00
F-100	16" x 10" Tapping Sleeve w/Valve & Valve Box		EA	$26,000.00	$14,900.00	$15,000.00	$25,000.00
F-101	16" x 12" Tapping Sleeve w/Valve & Valve Box		EA	$32,000.00	$22,400.00	$20,000.00	$30,000.00
F-102	16" x 16" Tapping Sleeve w/Valve & Valve Box		EA	$45,000.00	$28,000.00	$22,500.00	$32,000.00
F-103	18" x 6" Tapping Sleeve w/Valve & Valve Box		EA	$36,000.00	$8,000.00	$10,500.00	$35,000.00
F-104	18" x 8" Tapping Sleeve w/Valve & Valve Box		EA	$42,000.00	$8,700.00	$12,500.00	$35,500.00
F-105	18" x 10" Tapping Sleeve w/Valve & Valve Box		EA	$48,000.00	$9,700.00	$17,000.00	$36,000.00
F-106	18" x 12" Tapping Sleeve w/Valve & Valve Box		EA	$49,000.00	$23,000.00	$21,500.00	$36,500.00
F-107	18" x 16" Tapping Sleeve w/Valve & Valve Box		EA	$50,000.00	$30,000.00	$23,500.00	$37,000.00
F-108	18" x 18" Tapping Sleeve w/Valve & Valve Box		EA	$55,000.00	$38,000.00	$29,000.00	$37,500.00
F-109	20" x 6" Tapping Sleeve w/Valve & Valve Box		EA	$35,000.00	$10,500.00	$11,500.00	$38,000.00
F-110	20" x 8" Tapping Sleeve w/Valve & Valve Box		EA	$38,000.00	$11,200.00	$15,000.00	$38,500.00
F-111	20" x 10" Tapping Sleeve w/Valve & Valve Box		EA	$40,000.00	$12,400.00	$18,000.00	$39,000.00
F-112	20" x 12" Tapping Sleeve w/Valve & Valve Box		EA	$41,000.00	$24,800.00	$22,000.00	$39,500.00
F-113	20" x 16" Tapping Sleeve w/Valve & Valve Box		EA	$44,000.00	$31,000.00	$26,000.00	$40,000.00
F-114	20" x 20" Tapping Sleeve w/Valve & Valve Box		EA	$60,000.00	$52,000.00	$38,000.00	$41,000.00
F-115	36" x 18" Tapping Sleeve w/Valve & Valve Box		EA	$80,000.00	$43,400.00	$40,000.00	$50,000.00
F-116	36" x 24" Tapping Sleeve w/Valve & Valve Box		EA	$100,000.00	$59,500.00	$54,000.00	$55,000.00
F-117	36" x 30" Tapping Sleeve w/Valve & Valve Box		EA	$120,000.00	$105,300.00	$70,000.00	$60,000.00
F-118	Wastewater Force Main 2" Air Release Valve w/Manhole		EA	$23,660.00	$12,000.00	$14,500.00	$50,000.00
F-119	Wastewater Force Main 2" or 3" Air/Vacuum Valve		EA	$21,000.00	$4,200.00	$4,500.00	$20,000.00
F-120	Wastewater Force Main 2"x1", 2"x2", 2"x3" Combination Air Valve w/Manhole		EA	$35,000.00	$12,000.00	$15,000.00	$50,000.00
	Furnish & Install Line Stop inclusive of all appurtenances for a complete installation						
F-121	4" Insertion Line Stop		EA	$8,000.00	$6,500.00	$8,000.00	$10,000.00
F-122	6" Insertion Line Stop		EA	$10,000.00	$7,200.00	$10,000.00	$15,000.00
F-123	8" Insertion Line Stop		EA	$12,000.00	$7,500.00	$12,000.00	$20,000.00
F-124	10" Insertion Line Stop		EA	$14,000.00	$9,400.00	$16,000.00	$25,000.00
F-125	12" Insertion Line Stop		EA	$16,000.00	$9,800.00	$18,000.00	$30,000.00
F-126	16" Insertion Line Stop		EA	$55,000.00	$12,500.00	$24,000.00	$50,000.00
F-127	18" Insertion Line Stop		EA	$75,000.00	$14,000.00	$30,000.00	$60,000.00
F-128	20" Insertion Line Stop		EA	$80,000.00	$15,000.00	$35,000.00	$100,000.00
F-129	24" Insertion Line Stop		EA	$85,000.00	$19,000.00	$42,000.00	$200,000.00
F-130	30" Insertion Line Stop		EA	$90,000.00	$32,000.00	$54,000.00	$300,000.00
F-131	36" Insertion Line Stop		EA	$100,000.00	$45,000.00	$72,000.00	$350,000.00
	Furnish & Install new Standard Precast Concrete 48" diameter Manhole Structure to include Bench work and Ring and Cover including City approved coatings (inside and out) at a depth of:						
F-132	0' - 4' FT Deep		EA	$10,000.00	$4,800.00	$7,500.00	$25,000.00
F-133	4' - 6' FT Deep		EA	$12,000.00	$7,800.00	$9,000.00	$30,000.00
F-134	6' - 8' FT Deep		EA	$15,000.00	$9,800.00	$11,000.00	$50,000.00
F-135	8' - 10' FT Deep		EA	$30,000.00	$15,000.00	$12,000.00	$75,000.00
F-136	10' - 12' FT Deep		EA	$35,000.00	$32,000.00	$13,500.00	$100,000.00
F-137	12' - 14' FT Deep		EA	$50,000.00	$42,000.00	$16,000.00	$175,000.00
F-138	14' - 16' FT Deep		EA	$55,000.00	$48,000.00	$17,500.00	$200,000.00
F-139	16' - 20' FT Deep		EA	$120,000.00	$72,000.00	$20,000.00	$350,000.00
	MISCELLANEOUS						

F-140	Core drill exist manhole (Any size)		EA	$1,000.00	$1,000.00	$1,500.00	$25,000.00
F-141	SANITARY CREW A - Includes a foreman, 3 experienced workers, layout, excavating, installing and backfilling equipment necessary for concrete, PVC, HDPE or metal pipe laying or repair up to 36" diameter. Material costs shall be included with invoice with maximum 15% markup.		HR	$1,800.00	$850.00	$650.00	$8,000.00
	WATERMAIN**						
	****Prices Quoted in the Water Main Section are Interchangeable with Raw Water Lines as needed**						
	WATERMAIN- includes all fittings, appurtenances, restraints and restoration for a complete installation. Includes testing: density, pressure and bacteriological.						
W-1	Furnish & Install 4-Inch C-900 DR-18 PVC Water Main		LF	$104.74	$85.00	$60.00	$300.00
W-2	Furnish & Install 4-Inch Class 350 DIP Water Main		LF	$141.06	$90.00	$100.00	$375.00
W-3	Furnish & Install 6-Inch C-900 DR-18 PVC Water Main		LF	$127.03	$95.00	$65.00	$475.00
W-4	Furnish & Install 6-Inch Class 350 DIP Water Main		LF	$131.46	$100.00	$95.00	$550.00
W-5	Furnish & Install 8-Inch C-900 DR-18 PVC Water Main		LF	$181.88	$105.00	$80.00	$650.00
W-6	Furnish & Install 8-Inch Class 350 DIP Water Main		LF	$179.90	$115.00	$115.00	$700.00
W-7	Furnish & Install 10-Inch C-900 DR-18 PVC Water Main		LF	$205.75	$115.00	$100.00	$800.00
W-8	Furnish & Install 10-Inch Class 350 DIP Water Main		LF	$240.00	$125.00	$130.00	$850.00
W-9	Furnish & Install 12-Inch C-900 DR-18 PVC Water Main		LF	$280.75	$125.00	$140.00	$1,000.00
W-10	Furnish & Install 12-Inch Class 350 DIP Water Main		LF	$375.00	$135.00	$150.00	$1,200.00
W-11	Furnish & Install 16-Inch C-905 DR-18 PVC Water Main		LF	$455.79	$145.00	$210.00	$1,500.00
W-12	Furnish & Install 16-Inch Class 250 DIP Water Main		LF	$526.00	$155.00	$230.00	$1,700.00
W-13	Furnish & Install 18-Inch C-905 DR-18 PVC Water Main		LF	$624.86	$160.00	$300.00	$2,000.00
W-14	Furnish & Install 18-Inch Class 250 DIP Water Main		LF	$760.00	$165.00	$320.00	$2,200.00
W-15	Furnish & Install 20-Inch C-905 DR-18 PVC Water Main		LF	$690.05	$245.00	$320.00	$2,300.00
W-16	Furnish & Install 20-Inch Class 250 DIP Water Main		LF	$810.00	$260.00	$340.00	$2,400.00
W-17	Furnish & Install 24-Inch C-905 DR-18 PVC Water Main		LF	$1,050.00	$350.00	$340.00	$2,500.00
W-18	Furnish & Install 24-Inch Class 200 DIP Water Main		LF	$2,700.00	$380.00	$360.00	$2,600.00
W-19	Furnish & Install 30-Inch C-905 DR-21 PVC Water Main		LF	$1,281.29	$450.00	$450.00	$3,000.00
W-20	Furnish & Install 30-Inch Class 200 DIP Water Main		LF	$3,500.00	$480.00	$580.00	$3,500.00
W-21	Furnish & Install 36-Inch C-905 DR-21 PVC Water Main		LF	$1,219.70	$525.00	$600.00	$4,000.00
W-22	Furnish & Install 36-Inch Class 200 DIP Water Main		LF	$4,000.00	$580.00	$780.00	$4,500.00
	Furnish & Install Gate Valve & Valve Box						
W-23	4" Gate Valve & Valve Box		EA	$2,506.62	$1,900.00	$2,500.00	$7,000.00
W-24	6" Gate Valve & Valve Box		EA	$3,120.32	$2,400.00	$2,900.00	$9,000.00
W-25	8" Gate Valve & Valve Box		EA	$4,800.00	$3,000.00	$3,500.00	$12,000.00
W-26	10" Gate Valve & Valve Box		EA	$7,900.00	$3,200.00	$4,600.00	$15,000.00
W-27	12" Gate Valve & Valve Box		EA	$9,071.59	$3,800.00	$6,000.00	$20,000.00
W-28	16" Gate Valve & Valve Box		EA	$20,203.19	$7,800.00	$14,000.00	$30,000.00
	Furnish & Install Butterfly Valve & Valve Box						
W-29	14" Butterfly Valve & Valve Box		EA	$7,000.00	$3,800.00	$7,000.00	$20,000.00
W-30	16" Butterfly Valve & Valve Box		EA	$8,000.00	$4,200.00	$8,000.00	$25,000.00
W-31	18" Butterfly Valve & Valve Box		EA	$10,000.00	$4,800.00	$12,500.00	$30,000.00
W-32	20" Butterfly Valve & Valve Box		EA	$10,500.00	$6,600.00	$13,500.00	$40,000.00
W-33	24" Butterfly Valve & Valve Box		EA	$16,500.00	$9,500.00	$19,500.00	$45,000.00
W-34	30" Butterfly Valve & Valve Box		EA	$22,300.00	$16,000.00	$32,000.00	$50,000.00
W-35	36" Butterfly Valve & Valve Box		EA	$38,000.00	$24,000.00	$43,000.00	$60,000.00
	Furnish & Install Tapping Sleeve with Valve & Valve Box						
W-36	4"x 4" Tapping Sleeve w/Valve & Valve Box		EA	$6,150.00	$3,500.00	$5,000.00	$10,000.00
W-37	6"x 4" Tapping Sleeve w/Valve & Valve Box		EA	$5,200.00	$4,800.00	$5,500.00	$11,000.00
W-38	6"x 6" Tapping Sleeve w/Valve & Valve Box		EA	$8,000.00	$4,200.00	$6,500.00	$12,000.00
W-39	8"x 4" Tapping Sleeve w/Valve & Valve Box		EA	$6,200.00	$4,000.00	$6,800.00	$13,000.00
W-40	8"x 6" Tapping Sleeve w/Valve & Valve Box		EA	$7,500.00	$4,400.00	$7,000.00	$13,500.00
W-41	8"x 8" Tapping Sleeve w/Valve & Valve Box		EA	$10,000.00	$4,800.00	$8,200.00	$14,000.00
W-42	10" x 4" Tapping Sleeve w/Valve & Valve Box		EA	$6,500.00	$4,900.00	$6,500.00	$14,500.00
W-43	10" x 6" Tapping Sleeve w/Valve & Valve Box		EA	$8,000.00	$6,600.00	$8,000.00	$15,000.00
W-44	10" x 8" Tapping Sleeve w/Valve & Valve Box		EA	$10,000.00	$7,200.00	$9,500.00	$15,500.00
W-45	10" x 10" Tapping Sleeve w/Valve & Valve Box		EA	$20,000.00	$8,600.00	$10,500.00	$16,000.00
W-46	12" x 4" Tapping Sleeve w/Valve & Valve Box		EA	$7,000.00	$5,200.00	$7,000.00	$17,000.00
W-47	12" x 6" Tapping Sleeve w/Valve & Valve Box		EA	$9,000.00	$6,800.00	$9,000.00	$17,500.00
W-48	12" x 8" Tapping Sleeve w/Valve & Valve Box		EA	$12,000.00	$7,600.00	$10,500.00	$18,000.00
W-49	12" x 10" Tapping Sleeve w/Valve & Valve Box		EA	$18,000.00	$8,600.00	$12,500.00	$19,000.00

W-50	12" x 12" Tapping Sleeve w/Valve & Valve Box		EA	$25,000.00	$11,000.00	$14,000.00	$20,000.00
W-51	16" x 6" Tapping Sleeve w/Valve & Valve Box		EA	$8,900.00	$7,400.00	$9,500.00	$22,000.00
W-52	16" x 8" Tapping Sleeve w/Valve & Valve Box		EA	$12,000.00	$8,000.00	$14,000.00	$24,000.00
W-53	16" x 10" Tapping Sleeve w/Valve & Valve Box		EA	$32,500.00	$14,500.00	$15,000.00	$25,000.00
W-54	16" x 12" Tapping Sleeve w/Valve & Valve Box		EA	$36,500.00	$22,000.00	$20,000.00	$30,000.00
W-55	16" x 16" Tapping Sleeve w/Valve & Valve Box		EA	$50,000.00	$29,000.00	$22,500.00	$32,000.00
W-56	18" x 6" Tapping Sleeve w/Valve & Valve Box		EA	$35,000.00	$8,000.00	$12,500.00	$35,000.00
W-57	18" x 8" Tapping Sleeve w/Valve & Valve Box		EA	$40,000.00	$8,600.00	$17,000.00	$36,000.00
W-58	18" x 10" Tapping Sleeve w/Valve & Valve Box		EA	$42,000.00	$9,600.00	$21,500.00	$37,000.00
W-59	18" x 12" Tapping Sleeve w/Valve & Valve Box		EA	$50,000.00	$22,900.00	$23,500.00	$37,500.00
W-60	18" x 16" Tapping Sleeve w/Valve & Valve Box		EA	$51,000.00	$30,000.00	$29,000.00	$38,000.00
W-61	18" x 18" Tapping Sleeve w/Valve & Valve Box		EA	$60,000.00	$36,000.00	$11,500.00	$40,000.00
W-62	20" x 6" Tapping Sleeve w/Valve & Valve Box		EA	$34,000.00	$10,500.00	$15,000.00	$42,000.00
W-63	20" x 8" Tapping Sleeve w/Valve & Valve Box		EA	$35,000.00	$11,200.00	$18,000.00	$43,000.00
W-64	20" x 10" Tapping Sleeve w/Valve & Valve Box		EA	$35,000.00	$12,300.00	$22,000.00	$44,000.00
W-65	20" x 12" Tapping Sleeve w/Valve & Valve Box		EA	$40,000.00	$24,700.00	$22,000.00	$45,000.00
W-66	20" x 16" Tapping Sleeve w/Valve & Valve Box		EA	$53,000.00	$30,000.00	$26,000.00	$46,000.00
W-67	20" x 20" Tapping Sleeve w/Valve & Valve Box		EA	$72,500.00	$52,000.00	$38,000.00	$47,000.00
W-68	24" x 6" Tapping Sleeve w/Valve & Valve Box		EA	$35,000.00	$10,500.00	$12,500.00	$48,000.00
W-69	24" x 8" Tapping Sleeve w/Valve & Valve Box		EA	$38,000.00	$11,000.00	$16,500.00	$50,000.00
W-70	24" x 10" Tapping Sleeve w/Valve & Valve Box		EA	$40,000.00	$12,300.00	$18,000.00	$51,000.00
W-71	24" x 12" Tapping Sleeve w/Valve & Valve Box		EA	$55,000.00	$24,700.00	$26,000.00	$52,000.00
W-72	24" x 16" Tapping Sleeve w/Valve & Valve Box		EA	$70,000.00	$30,000.00	$36,000.00	$52,500.00
W-73	24" x 20" Tapping Sleeve w/Valve & Valve Box		EA	$75,000.00	$50,000.00	$42,000.00	$53,000.00
W-74	30" x 6" Tapping Sleeve w/Valve & Valve Box		EA	$45,000.00	$11,000.00	$13,500.00	$53,500.00
W-75	30" x 8" Tapping Sleeve w/Valve & Valve Box		EA	$48,000.00	$11,200.00	$17,500.00	$54,000.00
W-76	30" x 10" Tapping Sleeve w/Valve & Valve Box		EA	$54,000.00	$14,800.00	$20,000.00	$54,500.00
W-77	30" x 12" Tapping Sleeve w/Valve & Valve Box		EA	$55,000.00	$26,000.00	$22,000.00	$55,000.00
W-78	30" x 16" Tapping Sleeve w/Valve & Valve Box		EA	$56,000.00	$32,000.00	$42,500.00	$55,500.00
W-79	30" x 20" Tapping Sleeve w/Valve & Valve Box		EA	$60,000.00	$52,000.00	$46,000.00	$56,000.00
W-80	36" x 6" Tapping Sleeve w/Valve & Valve Box		EA	$61,000.00	$11,500.00	$15,000.00	$56,500.00
W-81	36" x 8" Tapping Sleeve w/Valve & Valve Box		EA	$62,000.00	$12,300.00	$19,000.00	$57,000.00
W-82	36" x 10" Tapping Sleeve w/Valve & Valve Box		EA	$64,000.00	$15,400.00	$22,000.00	$57,500.00
W-83	36" x 12" Tapping Sleeve w/Valve & Valve Box		EA	$65,000.00	$26,000.00	$24,000.00	$58,000.00
W-84	36" x 16" Tapping Sleeve w/Valve & Valve Box		EA	$67,000.00	$34,000.00	$27,500.00	$58,500.00
W-85	36" x 20" Tapping Sleeve w/Valve & Valve Box		EA	$70,000.00	$54,000.00	$45,000.00	$60,000.00
W-86	36" x 24" Tapping Sleeve w/Valve & Valve Box		EA	$71,000.00	$56,000.00	$54,000.00	$70,000.00
W-87	36" x 30" Tapping Sleeve w/Valve & Valve Box		EA	$72,000.00	$100,000.00	$70,000.00	$75,000.00
Furnish & Install Line Stop includes all appurtenances for a complete installation							
W-88	4" Insertion Line Stop		EA	$8,000.00	$6,500.00	$8,000.00	$10,000.00
W-89	6" Insertion Line Stop		EA	$10,000.00	$7,100.00	$10,000.00	$15,000.00
W-90	8" Insertion Line Stop		EA	$12,000.00	$7,400.00	$12,000.00	$20,000.00
W-91	10" Insertion Line Stop		EA	$14,000.00	$9,200.00	$16,000.00	$25,000.00
W-92	12" Insertion Line Stop		EA	$16,000.00	$9,600.00	$18,000.00	$30,000.00
W-93	16" Insertion Line Stop		EA	$55,000.00	$12,300.00	$24,000.00	$50,000.00
W-94	18" Insertion Line Stop		EA	$75,000.00	$13,500.00	$30,000.00	$60,000.00
W-95	20" Insertion Line Stop		EA	$80,000.00	$14,500.00	$35,000.00	$100,000.00
W-96	36" Insertion Line Stop		EA	$100,000.00	$50,000.00	$72,000.00	$350,000.00
Fire Hydrants, Sample Points, ARVs							
W-97	Fire Hydrant Assembly w/ 6" Gate Valve, restraints, etc.		EA	$8,000.00	$8,000.00	$10,000.00	$25,000.00
W-98	Remove & Replace Fire Hydrant Assembly		EA	$10,000.00	$9,500.00	$11,000.00	$30,000.00
W-99	Bollards for Fire Hydrant		LS	$2,000.00	$500.00	$800.00	$4,000.00
W-100	Sample Points w/double strap saddle & corp stop		EA	$1,500.00	$750.00	$1,500.00	$2,500.00
W-101	Sample Points on Fire Hydrants		EA	$150.00	$500.00	$1,000.00	$1,000.00
W-102	2" Blowoff piping with box		EA	$2,500.00	$1,000.00	$2,000.00	$5,000.00
W-103	Water Main 1" Combination Air Release Valve w/Manhole (pipes 4"-16")		EA	$23,610.00	$12,000.00	$12,000.00	$20,000.00
W-104	Water Main 2" Combination Air Release Valve w/Manhole (pipes larger than 16")		EA	$30,000.00	$12,000.00	$13,000.00	$25,000.00
Water Services							
W-105	Short Single service (1-2" Poly) (up to 10' long) includes meter box and all appurtenances except meter		EA	$5,000.00	$1,500.00	$2,000.00	$10,000.00
W-106	Short Double Service (1-2" Poly) (up to 10' long) includes meter box and all appurtenances except meter		EA	$10,000.00	$1,800.00	$2,500.00	$15,000.00

W-107	Short Service for Meter Bank (2" Poly) (up to 10' long) (includes up to 3 services)		EA	$15,000.00	$2,200.00	$3,500.00	$20,000.00
W-108	Additional services on short service meter bank		EA	$2,500.00	$500.00	$1,000.00	$2,000.00
W-109	Long Single Service (1-2" poly w/3" casings) (up to 50' Long)		EA	$7,000.00	$2,800.00	$2,500.00	$25,000.00
W-110	Long Double Service (1-2" poly w/3" casings) (up to 50' Long)		EA	$10,000.00	$3,800.00	$3,200.00	$30,000.00
W-111	Long Service for Meter Bank (2" Poly) (up to 50' long) (includes up to 3 services)		EA	$18,000.00	$4,200.00	$4,500.00	$35,000.00
W-112	Additional services on long service meter bank		EA	$2,500.00	$500.00	$1,000.00	$3,000.00
	Abandonment						
W-113	Cut existing watermain and connect proposed watermain		EA	$5,000.00	$5,400.00	$5,000.00	$10,000.00
W-114	Cut and plug existing watermain to be abandoned		EA	$5,000.00	$250.00	$2,500.00	$5,000.00
W-115	Abandon & grout fill existing 4-6" watermain		LF	$11.00	$16.00	$20.00	$50.00
W-116	Remove & dispose existing watermain		LF	$20.00	$50.00	$20.00	$200.00
W-117	Remove & Dispose AC Water Main (actual cost reimbursement by City)		--				
	Miscellaneous						
W-118	WATER CREW A - Includes a foreman, 3 experienced workers, layout, excavating, installing and backfilling equipment necessary for PVC, HDPE or metal pipe laying or repair up to 36" diameter. Material costs shall be included with invoice with maximum 15% markup.		HR	$1,200.00	$925.00	$650.00	$8,000.00
	STORM WATER						
GRAVITY STORM SEWER - includes all fittings, appurtenances, dewatering and restoration for a complete installation							
S-1	Furnish & Install 12-Inch PVC Sewer Main	0' - 6' Deep	LF	$85.00	$105.00	$100.00	$1,000.00
S-2	Furnish & Install 12-Inch PVC Sewer Main	6' - 8' Deep	LF	$100.00	$115.00	$130.00	$1,200.00
S-3	Furnish & Install 12-Inch RCP Sewer Main	0' - 6' Deep	LF	$140.00	$110.00	$100.00	$1,500.00
S-4	Furnish & Install 12-Inch RCP Sewer Main	6' - 8' Deep	LF	$150.00	$120.00	$130.00	$2,500.00
S-5	Furnish & Install 12-Inch HDPE Sewer Main	0' - 6' Deep	LF	$75.00	$100.00	$100.00	$1,500.00
S-6	Furnish & Install 12-Inch HDPE Sewer Main	6' - 8' Deep	LF	$85.00	$105.00	$130.00	$2,000.00
S-7	Furnish & Install 15-Inch RCP Sewer Main	0' - 6' Deep	LF	$160.00	$115.00	$160.00	$1,200.00
S-8	Furnish & Install 15-Inch RCP Sewer Main	6' - 8' Deep	LF	$180.00	$130.00	$180.00	$1,500.00
S-9	Furnish & Install 18-Inch PVC Sewer Main	0' - 6' Deep	LF	$120.00	$105.00	$170.00	$1,500.00
S-10	Furnish & Install 18-Inch PVC Sewer Main	6' - 8' Deep	LF	$150.00	$110.00	$190.00	$2,000.00
S-11	Furnish & Install 18-Inch RCP Sewer Main	0' - 6' Deep	LF	$200.00	$120.00	$170.00	$1,700.00
S-12	Furnish & Install 18-Inch RCP Sewer Main	6' - 8' Deep	LF	$240.00	$135.00	$190.00	$2,000.00
S-13	Furnish & Install 18-Inch HDPE Sewer Main	0' - 6' Deep	LF	$210.00	$105.00	$170.00	$2,000.00
S-14	Furnish & Install 18-Inch HDPE Sewer Main	6' - 8' Deep	LF	$250.00	$110.00	$190.00	$2,500.00
S-15	Furnish & Install 24-Inch PVC Sewer Main	0' - 6' Deep	LF	$700.00	$115.00	$185.00	$2,000.00
S-16	Furnish & Install 24-Inch PVC Sewer Main	6' - 8' Deep	LF	$900.00	$130.00	$220.00	$2,500.00
S-17	Furnish & Install 24-Inch RCP Sewer Main	0' - 6' Deep	LF	$200.00	$135.00	$185.00	$2,250.00
S-18	Furnish & Install 24-Inch RCP Sewer Main	6' - 8' Deep	LF	$250.00	$145.00	$220.00	$2,500.00
S-19	Furnish & Install 24-Inch HDPE Sewer Main	0' - 6' Deep	LF	$165.00	$117.00	$185.00	$2,500.00
S-20	Furnish & Install 24-Inch HDPE Sewer Main	6' - 8' Deep	LF	$200.00	$120.00	$220.00	$3,000.00
S-21	Furnish & Install 30-Inch PVC Sewer Main	0' - 6' Deep	LF	$800.00	$160.00	$225.00	$3,500.00
S-22	Furnish & Install 30-Inch PVC Sewer Main	6' - 8' Deep	LF	$1,000.00	$165.00	$260.00	$3,700.00
S-23	Furnish & Install 30-Inch RCP Sewer Main	0' - 6' Deep	LF	$280.00	$170.00	$225.00	$4,000.00
S-24	Furnish & Install 30-Inch RCP Sewer Main	6' - 8' Deep	LF	$310.00	$160.00	$260.00	$4,100.00
S-25	Furnish & Install 30-Inch RCP Sewer Main	8' - 10' Deep	LF	$350.00	$185.00	$300.00	$4,500.00
S-26	Furnish & Install 36-Inch PVC Sewer Main	0' - 6' Deep	LF	$1,000.00	$165.00	$280.00	$4,300.00
S-27	Furnish & Install 36-Inch PVC Sewer Main	6' - 8' Deep	LF	$1,500.00	$175.00	$350.00	$4,700.00
S-28	Furnish & Install 36-Inch RCP Sewer Main	0' - 6' Deep	LF	$220.00	$195.00	$280.00	$5,000.00
S-29	Furnish & Install 36-Inch RCP Sewer Main	6' - 8' Deep	LF	$250.00	$210.00	$350.00	$4,500.00
S-30	Furnish & Install 36-Inch RCP Sewer Main	8' - 10' Deep	LF	$350.00	$240.00	$375.00	$4,750.00
S-31	Furnish & Install 42-Inch PVC Sewer Main	0' - 6' Deep	LF	$4,000.00	$210.00	$350.00	$5,000.00
S-32	Furnish & Install 42-Inch PVC Sewer Main	6' - 8' Deep	LF	$5,000.00	$230.00	$400.00	$5,500.00
S-33	Furnish & Install 42-Inch RCP Sewer Main	0' - 6' Deep	LF	$450.00	$235.00	$350.00	$6,000.00
S-34	Furnish & Install 42-Inch RCP Sewer Main	6' - 8' Deep	LF	$550.00	$245.00	$400.00	$6,500.00
S-35	Furnish & Install 42-Inch RCP Sewer Main	8' - 10' Deep	LF	$700.00	$278.00	$450.00	$6,700.00
S-36	Furnish & Install 48-Inch RCP Sewer Main	0' - 6' Deep	LF	$550.00	$240.00	$400.00	$6,500.00
S-37	Furnish & Install 48-Inch RCP Sewer Main	6' - 8' Deep	LF	$650.00	$270.00	$475.00	$6,700.00
S-38	Furnish & Install 48-Inch RCP Sewer Main	8' - 10' Deep	LF	$850.00	$325.00	$525.00	$7,000.00
S-39	Furnish & Install 48-Inch RCP Sewer Main	10' - 12' Deep	LF	$1,000.00	$400.00	$600.00	$7,500.00
S-40	Furnish & Install 54-Inch RCP Sewer Main	0' - 6' Deep	LF	$660.00	$350.00	$525.00	$8,000.00
S-41	Furnish & Install 54-Inch RCP Sewer Main	6' - 8' Deep	LF	$780.00	$425.00	$575.00	$8,500.00
S-42	Furnish & Install 54-Inch RCP Sewer Main	8' - 10' Deep	LF	$950.00	$500.00	$625.00	$9,000.00

S-43	Furnish & Install 54-Inch RCP Sewer Main	10' - 15' Deep	LF	$1,200.00	$620.00	$800.00	$8,500.00
S-44	Furnish & Install 60-Inch RCP Sewer Main	0' - 6' Deep	LF	$850.00	$350.00	$600.00	$9,000.00
S-45	Furnish & Install 60-Inch RCP Sewer Main	6' - 8' Deep	LF	$1,000.00	$400.00	$725.00	$10,000.00
S-46	Furnish & Install 60-Inch RCP Sewer Main	8' - 10' Deep	LF	$1,200.00	$500.00	$800.00	$15,000.00
S-47	Furnish & Install 60-Inch RCP Sewer Main	10' - 15' Deep	LF	$2,000.00	$600.00	$900.00	$17,000.00
S-48	Furnish & Install 66-Inch RCP Sewer Main	0' - 6' Deep	LF	$1,000.00	$350.00	$725.00	$10,000.00
S-49	Furnish & Install 66-Inch RCP Sewer Main	6' - 8' Deep	LF	$1,200.00	$400.00	$800.00	$17,000.00
S-50	Furnish & Install 66-Inch RCP Sewer Main	8' - 10' Deep	LF	$1,400.00	$550.00	$950.00	$20,000.00
S-51	Furnish & Install 66-Inch RCP Sewer Main	10' - 15' Deep	LF	$2,500.00	$680.00	$1,000.00	$25,000.00
S-52	Furnish & Install 72-Inch RCP Sewer Main	0' - 6' Deep	LF	$3,500.00	$400.00	$800.00	$12,000.00
S-53	Furnish & Install 72-Inch RCP Sewer Main	6' - 8' Deep	LF	$3,750.00	$420.00	$900.00	$15,000.00
S-54	Furnish & Install 72-Inch RCP Sewer Main	8' - 10' Deep	LF	$4,000.00	$800.00	$1,100.00	$20,000.00
S-55	Furnish & Install 72-Inch RCP Sewer Main	10' - 15' Deep	LF	$4,500.00	$920.00	$1,250.00	$25,000.00
Furnish & Install new Standard Precast Concrete 48" diameter Manhole Structure to include Bench and Ring and Cover including City approved coatings (inside and out) at a depth of:							
S-56	0' 4' FT Deep		EA	$15,000.00	$5,500.00	$6,500.00	$20,000.00
S-57	4' - 6' FT Deep		EA	$20,000.00	$6,200.00	$7,500.00	$30,000.00
S-58	6' - 8' FT Deep		EA	$25,000.00	$8,000.00	$8,500.00	$40,000.00
S-59	8' - 10' FT Deep		EA	$30,000.00	$10,500.00	$10,500.00	$60,000.00
S-60	10' - 12' FT Deep		EA	$35,000.00	$14,500.00	$12,000.00	$80,000.00
S-61	12' - 14' FT Deep		EA	$45,000.00	$18,500.00	$14,000.00	$100,000.00
S-62	14' - 16' FT Deep		EA	$55,000.00	$24,000.00	$17,500.00	$200,000.00
S-63	16' - 20' FT Deep		EA	$100,000.00	$34,000.00	$20,000.00	$300,000.00
Outfall Check Valves - includes pipe cleaning and installation for complete system							
S-64	15" WAPRO Check Valve		EA	$18,000.00	$13,000.00	$8,000.00	$50,000.00
S-65	18" WAPRO Check Valve		EA	$24,500.00	$14,800.00	$9,000.00	$60,000.00
S-66	24" WAPRO Check Valve		EA	$38,300.00	$20,500.00	$12,500.00	$75,000.00
S-67	36" WAPRO Check Valve		EA	$58,000.00	$37,000.00	$21,000.00	$100,000.00
S-68	42" WAPRO Check Valve		EA	$95,000.00	$47,000.00	$36,000.00	$150,000.00
S-69	48" WAPRO Check Valve		EA	$130,000.00	$66,000.00	$48,000.00	$200,000.00
S-70	54" WAPRO Check Valve		EA	$145,000.00	$92,000.00	$72,000.00	$225,000.00
S-71	60" WAPRO Check Valve		EA	$200,000.00	$120,000.00	$88,000.00	$250,000.00
S-72	66" WAPRO Check Valve		EA	$225,000.00	$140,000.00	$98,000.00	$300,000.00
S-73	72" WAPRO Check Valve		EA	$252,000.00	$185,000.00	$122,000.00	$400,000.00
MISCELLANEOUS							
S-74	STORM CREW A - Includes a foreman, 3 experienced workers, layout, excavating, installing and backfilling equipment necessary for concrete, PVC, HDPE or metal pipe laying or repair up to 36" diameter. Material costs shall be included with invoice with maximum 15% markup.		HR	$1,500.00	$850.00	$650.00	$10,000.00
S-75	STORM CREW B - Includes a foreman, 3 experienced workers, layout, excavating, installing and backfilling equipment necessary for concrete, PVC, HDPE or metal pipe laying or repair 36" to 72" diameter. Material costs shall be included with invoice with maximum 15% markup.		HR	$2,000.00	$1,200.00	$750.00	$15,000.00
S-76	Clean Existing Storm Drainage		LF	$50.00	$25.00	$20.00	$100.00
S-77	Connect to Existing Structure		EA	$5,000.00	$3,500.00	$3,000.00	$25,000.00
RESTORATION							
R-1	Removal and disposal of 6" thick concrete		SF	$9.00	$4.00	$10.00	$25.00
R-2	Furnish & Install 4" Concrete without wire		SF	$12.00	$6.00	$18.00	$70.00
R-3	Furnish & Install 6" Concrete without wire		SF	$15.00	$8.00	$24.00	$80.00
R-4	Furnish & Install ADA compliant detectable surface		EA	$500.00	$750.00	$500.00	$1,500.00
R-5	Furnish & Install FDOT Type "D" Curb - by hand		LF	$50.00	$40.00	$100.00	$100.00
R-6	Furnish & Install FDOT Type "D" Curb - by machine		LF	$40.00	$30.00	$90.00	$90.00
R-7	Furnish & Install FDOT Type "F" Curb - by hand		LF	$60.00	$40.00	$100.00	$150.00
R-8	Furnish & Install FDOT Type "F" Curb - by machine		LF	$50.00	$30.00	$90.00	$140.00
R-9	Furnish & Install FDOT Valley Gutter - by hand		LF	$40.00	$40.00	$100.00	$175.00
R-10	Furnish & Install FDOT Valley Gutter - by machine		LF	$35.00	$30.00	$90.00	$165.00
R-11	Furnish & Install Bahia Sod - up to 1000 SF		SF	$1.00	$6.00	$2.50	$6.00
R-12	Furnish & Install Bahia Sod - over 1000 SF		SF	$1.00	$4.00	$2.00	$5.00
R-13	Furnish & Install Floratam Sod - up to 1000 SF		SF	$2.00	$8.00	$4.00	$10.00
R-14	Furnish & Install Floratam Sod - over 1000 SF		SF	$2.00	$6.00	$3.50	$9.00

R-15	Furnish & Install FDOT seed & mulch mix		SY	$2.00	$2.00	$10.00	$8.00
R-16	Furnish Operator, Water Truck and Irrigate Sod or Seed Mix		HR	$40.00	$75.00	$150.00	$100.00
R-17	Removal and Disposal of Existing Asphalt Pavement		SY	$30.00	$5.00	$10.00	$40.00
R-18	Mill Existing Pavement (3/4" - 1" avg)		SY	$5.00	$35.00	$60.00	$25.00
R-19	Furnish and Install Asphalt Overlay, Type S-III (3/4" - 1" avg)		SY	$12.00	$45.00	$90.00	$50.00
R-20	Furnish and Install 1-1/2" Type S-I Asphalt First Course		SY	$15.00	$30.00	$78.00	$75.00
R-21	Furnish and Install 1" Type S-III Surface Course		SY	$18.00	$40.00	$60.00	$60.00
R-22	Furnish and Install 1-1/2" SP-12.5 Asphalt First Course in FDOT/PBC Right of Way		SY	$20.00	$30.00	$80.00	$80.00
R-23	Furnish and Install 1" Type FC-9.5 Asphalt Surface Course in FDOT/PBC Right of Way		SY	$17.00	$40.00	$110.00	$75.00
R-24	FDOT Flowable Fill (Excavatable)		CY	$250.00	$215.00	$600.00	$150.00
R-25	Leak Repairs (structures) - Grouting		GAL	$500.00	$75.00	$250.00	$500.00
R-26	Ground Stabilization Grouting		CY	$500.00	$300.00	$750.00	$750.00
R-27	6" Limerock/ Crushed Concrete Base, primed		SY	$35.00	$20.00	$60.00	$75.00
R-28	8" Limerock/ Crushed Concrete Base, primed		SY	$45.00	$24.00	$70.00	$100.00
R-29	12" Compacted Subgrade, 98% T-180		SY	$7.00	$5.00	$20.00	$50.00
R-30	Adjust manhole ring and cover to grade		EA	$500.00	$750.00	$750.00	$2,000.00
R-31	Adjust valve box to grade		EA	$300.00	$250.00	$500.00	$1,500.00
R-32	Brick paver remove/replace (1 1/2" sand, 6" limerock base, 12" compacted subgrade)		SF	$7.00	$85.00	$50.00	$25.00
	CURED-IN-PLACE PIPE LINING*						
	*Cured-in-place lining prices shall be inclusive of pre-video, cleaning, post-video and anything else for a complete installation in gravity sanitary or storm sewer						
L-1	Furnish and install 6"-12" diameter CIPP sectional liner, up to 6-ft in length		EA	$9,000.00	$4,200.00	$3,000.00	$25,000.00
L-2	Furnish and install 6"-12" diameter CIPP sectional liner, beyond 6-ft in length, all depths		LF	$220.00	$75.00	$100.00	$400.00
L-3	Furnish and install 15"-18" diameter CIPP sectional liner, up to 6-ft in length		EA	$18,000.00	$4,800.00	$6,500.00	$35,000.00
L-4	Furnish and install 15"-18" diameter CIPP sectional liner, beyond 6-ft in length, all depths		LF	$250.00	$100.00	$140.00	$500.00
L-5	Furnish and install 21" diameter CIPP sectional liner, up to 6-ft in length		EA	$25,000.00	$6,000.00	$10,000.00	$40,000.00
L-6	Furnish and install 21" diameter CIPP sectional liner, beyond 6-ft in length, all depths		LF	$300.00	$125.00	$160.00	$600.00
L-7	Furnish and install 8" diameter CIPP liner	0-8' depth	LF	$60.00	$42.00	$65.00	$375.00
L-8	Furnish and install 8" diameter CIPP liner	8-12' depth	LF	$70.00	$42.00	$70.00	$400.00
L-9	Furnish and install 8" diameter CIPP liner	12'+ depth	LF	$80.00	$42.00	$75.00	$425.00
L-10	Furnish and install 10" diameter CIPP liner	0-8' depth	LF	$85.00	$48.00	$80.00	$400.00
L-11	Furnish and install 10" diameter CIPP liner	8-12' depth	LF	$90.00	$48.00	$85.00	$425.00
L-12	Furnish and install 10" diameter CIPP liner	12'+ depth	LF	$95.00	$48.00	$90.00	$450.00
L-13	Furnish and install 12" diameter CIPP liner	0-8' depth	LF	$100.00	$55.00	$95.00	$425.00
L-14	Furnish and install 12" diameter CIPP liner	8-12' depth	LF	$120.00	$55.00	$105.00	$450.00
L-15	Furnish and install 12" diameter CIPP liner	12'+ depth	LF	$130.00	$55.00	$115.00	$500.00
L-16	Furnish and install 15" diameter CIPP liner	0-8' depth	LF	$150.00	$84.00	$140.00	$475.00
L-17	Furnish and install 15" diameter CIPP liner	8-12' depth	LF	$160.00	$84.00	$150.00	$500.00
L-18	Furnish and install 15" diameter CIPP liner	12'+ depth	LF	$170.00	$84.00	$160.00	$550.00
L-19	Furnish and install 18" diameter CIPP liner	0-8' depth	LF	$190.00	$93.00	$180.00	$500.00
L-20	Furnish and install 18" diameter CIPP liner	8-12' depth	LF	$200.00	$93.00	$190.00	$550.00
L-21	Furnish and install 18" diameter CIPP liner	12'+ depth	LF	$210.00	$93.00	$200.00	$600.00
L-22	Furnish and install 20-21" diameter CIPP liner	0-8' depth	LF	$225.00	$112.00	$215.00	$600.00
L-23	Furnish and install 20-21" diameter CIPP liner	8-12' depth	LF	$250.00	$112.00	$225.00	$610.00
L-24	Furnish and install 20-21" diameter CIPP liner	12'+ depth	LF	$270.00	$112.00	$230.00	$650.00
L-25	Furnish and install 24" diameter CIPP liner	0-8' depth	LF	$290.00	$130.00	$275.00	$700.00
L-26	Furnish and install 24" diameter CIPP liner	8-12' depth	LF	$320.00	$130.00	$285.00	$725.00
L-27	Furnish and install 24" diameter CIPP liner	12'+ depth	LF	$340.00	$130.00	$295.00	$750.00
L-28	Furnish and install 30" diameter CIPP liner	0-8' depth	LF	$390.00	$175.00	$370.00	$800.00
L-29	Furnish and install 30" diameter CIPP liner	8-12' depth	LF	$410.00	$175.00	$380.00	$825.00
L-30	Furnish and install 30" diameter CIPP liner	12'+ depth	LF	$460.00	$175.00	$390.00	$1,000.00
L-31	Furnish and install 36" diameter CIPP liner	0-8' depth	LF	$650.00	$225.00	$475.00	$1,500.00
L-32	Furnish and install 36" diameter CIPP liner	8-12' depth	LF	$800.00	$225.00	$485.00	$1,750.00
L-33	Furnish and install 36" diameter CIPP liner	12'+ depth	LF	$850.00	$225.00	$495.00	$2,000.00
	BY-PASS PUMP SET UP WITH BY-PASS PUMPING						
BP-1	Bypass 4" Pump Including setup and monitoring		DAY	$4,000.00	$500.00	$1,750.00	$10,000.00
BP-2	Bypass 6" Pump Including setup and monitoring		DAY	$6,000.00	$1,200.00	$2,250.00	$15,000.00
BP-3	Bypass 8" Pump Including setup and monitoring		DAY	$7,000.00	$2,000.00	$2,750.00	$17,000.00
BP-4	Bypass 10" Pump Including setup and monitoring		DAY	$8,000.00	$2,400.00	$3,600.00	$20,000.00
	WELL POINT SYSTEM AND DE-WATERING						
WP-1	Well Point system up to 50 points complete with pump and jetting equipment, and Monitoring		DAY	$4,000.00	$1,800.00	$3,000.00	$10,000.00

WP-2	Well Point system with more than 50 points complete with pump and jetting equipment, and Monitoring		DAY	$5,000.00	$3,200.00	$3,500.00	$15,000.00
	IMPORTED BACKFILL & REMOVAL OF IN-SITU MATERIAL						
BF-1	Removal & Disposal of unsuitable in-situ material/soil		CY	$15.00	$10.00	$75.00	$150.00
BF-2	Imported Backfill & Compaction		CY	$15.00	$10.00	$60.00	$175.00
	Number of Items - Lowest Offer			**36**	**267**	**98**	**1**
	Number of Items - Lowest Offer (Tied)			**8**	**9**	**7**	**0**