

FINAL BID FORM 1 - COATING METHOD - POLYURETHANE						9/16/2020
UNIT PRICE SCHEDULE FOR SANITARY AND STORM MANHOLE & STRUCTURES REHABILITATION BID RFP#PW2020-05						Final /R2
Bidders must provide prices for each line item for their bid to be considered responsive. For the City of Flagler Beach 50 MH R&C						
Item No.	Description	Unit	Qty	Unit Price(\$)	Amount (\$)	
A - MANHOLE & STRUCTURES COATING - POLYURETHANE						
1	Manhole Protective Resin Based Lining 48" Diameter 1/8" Minimum Thickness	VF	0	\$ 328.00	\$ -	
2	Manhole Structural Resin Based Lining 48" Diameter 1/4" Minimum Thickness	VF	0	\$ 376.00	\$ -	
3	Manhole Structural Resin Based Lining 48" Diameter 1/2" Minimum Thickness	VF	0	\$ 521.00	\$ -	
4	Manhole Structural Resin Based Lining 48" Diameter 1" Minimum Thickness	VF	0	\$ 811.00	\$ -	
5	Manhole Protective Resin Based Lining 60" Diameter 1/8" Minimum Thickness	VF	0	\$ 410.00	\$ -	
6	Manhole Structural Resin Based Lining 60" Diameter 1/4" Minimum Thickness	VF	0	\$ 470.00	\$ -	
7	Manhole Structural Resin Based Lining 60" Diameter 1/2" Minimum Thickness	VF	0	\$ 651.25	\$ -	
8	Manhole Structural Resin Based Lining 60" Diameter 1" Minimum Thickness	VF	0	\$ 1,013.75	\$ -	
9	Structure / Manhole Protective Resin Based Lining 1/8" Minimum Thickness	SF	0	\$ 26.50	\$ -	
10	Structure / Manhole Structural Resin Based Lining 1/4" Minimum Thickness	SF	0	\$ 31.00	\$ -	
11	Structure / Manhole Structural Resin Based Lining 1/2" Minimum Thickness	SF	0	\$ 42.00	\$ -	
12	Structure / Manhole Structural Resin Based Lining 1" Minimum Thickness	SF	0	\$ 65.00	\$ -	
SUBTOTAL A - MANHOLE & STRUCTURES LINING - POLYURETHANE					\$ -	
B - MANHOLE & STRUCTURES REPAIR						
13	Removal of Existing Manhole or Wetwell Lining System (Excluding T-Lock Epoxy or Polyurea Liners)	SF	0	\$ 9.00	\$ -	
14	Removal of Existing Manhole or Wetwell T-Lock, Epoxy or Polyurea Liners	SF	0	\$ 22.00	\$ -	
15	Patching & Profiling - Cementitious Grout Only	SF	850	\$ 12.00	\$ 10,200.00	
16	Infiltration Control - Chemical Grout	GAL	0	\$ 125.00	\$ -	
17	Surface Preparation - Sand Blasting	SF	0	\$ 10.00	\$ -	
18	Bench and Invert Channel Repair	LF	0	\$ 225.00	\$ -	
19	Chimney Repairs	VF	50	\$ 225.00	\$ 11,250.00	
20	Chimney Replacement	VF	0	\$ 675.00	\$ -	
21	Chimney sealing (Construction Joint at Ring and Cover)	EA	0	\$ 285.00	\$ -	
22	Manhole Rim & Cover Replacement (STD 24" Diameter) - Paved Areas	EA	41	\$ 1,150.00	\$ 47,150.00	
23	Manhole Rim & Cover Replacement (STD 24" Diameter) - Grassed Areas	EA	9	\$ 950.00	\$ 8,550.00	
24	Manhole Rim & Cover Replacement (3PC COSA DETAIL SS1)- Paved Areas	EA	0	\$ 1,550.00	\$ -	
25	Manhole Rim & Cover Replacement (3PC COSA DETAIL SS1)- Grassed Areas	EA	0	\$ 1,250.00	\$ -	
26	Raise / Re-Level Existing Frame and Cover for Street Adjustment (up to 4")	EA	0	\$ 600.00	\$ -	
27	Provide and Install Manhole Cover lid & Pick Hole seals	EA	0	\$ 275.00	\$ -	
28	Install Rain Water Protector STD 24" Stainless	EA	0	\$ 365.00	\$ -	
29	Install Rain Water Protector Large 31.5" Stainless	EA	0	\$ 485.00	\$ -	
30	Install Rain Water Protector STD 24" HDPE	EA	0	\$ 135.00	\$ -	
31	Install Rain Water Protector Large 31.5" HDPE	EA	0	\$ 190.00	\$ -	
SUBTOTAL B - MANHOLE & STRUCTURES REPAIR					\$ 77,150.00	

C - CLEANING, TELEVISIONING AND ASSESSMENT					
32	Cleaning Manholes for Rehabilitation	EA	50	\$ 150.00	\$ 7,500.00
33	Cleaning Structures for Rehabilitation	EA	0	\$ 1,000.00	\$ -
34	Pre and Post Photographs(USB) Manholes for Rehabilitation	EA	50	\$ 150.00	\$ 7,500.00
35	Pre and Post Photographs(USB) Structures for Rehabilitation	EA	0	\$ 300.00	\$ -
36	Mobilization (Inspection only)	WK	0	\$ 1,500.00	\$ -
37	Manhole Inspection Level 1	EA	0	\$ 125.00	\$ -
38	Manhole Inspection Level 2	EA	0	\$ 185.00	\$ -
39	Structure (Wet Well) Inspection Level 1	EA	0	\$ 1,300.00	\$ -
40	Structure (Wet Well) Inspection Level 2 (Includes scan)	EA	0	\$ 1,750.00	\$ -
41	Cleaning Sewer Manholes (CCTV purposes only)	EA	0	\$ 45.00	\$ -
42	Cleaning Stormwater Structures (CCTV purposes only)	EA	0	\$ 65.00	\$ -
43	Cleaning Wetwells (CCTV / Inspection purposes only)	EA	0	\$ 600.00	\$ -
44	Light Storm Drain Cleaning From ROW (Right of way) 8"-10"	LF	0	\$ 4.75	\$ -
45	Light Storm Drain Cleaning From ROW (Right of way) 12"-15"	LF	0	\$ 8.25	\$ -
46	Light Storm Drain Cleaning From ROW (Right of way) 16"-24"	LF	0	\$ 12.25	\$ -
47	Light Storm Drain Cleaning From ROW (Right of way) 30"-36"	LF	0	\$ 29.00	\$ -
48	Light Storm Drain Cleaning From Side and Rear Easements 8"-10"	LF	0	\$ 9.40	\$ -
49	Light Storm Drain Cleaning From Side and Rear Easements 12"-15"	LF	0	\$ 16.40	\$ -
50	Light Storm Drain Cleaning From Side and Rear Easements 16"-24"	LF	0	\$ 24.75	\$ -
51	Light Storm Drain Cleaning From Side and Rear Easements 30"-36"	LF	0	\$ 58.50	\$ -
52	Increase for "Medium" cleaning of storm drain to above line items 44-51	LF	0	\$ 1.75	\$ -
53	Increase for "Heavy" cleaning of storm drain to above line items 44-51	LF	0	\$ 3.50	\$ -
54	Storm Drain CCTV 8" - 10"	LF	0	\$ 3.75	\$ -
55	Storm Drain CCTV 12" - 18"	LF	0	\$ 3.75	\$ -
56	Storm Drain CCTV 18" - 24"	LF	0	\$ 3.75	\$ -
57	Storm Drain CCTV 24" - 30"	LF	0	\$ 3.75	\$ -
58	Storm Drain CCTV 30" - 42"	LF	0	\$ 3.75	\$ -
59	Storm Drain CCTV 42" - 54"	LF	0	\$ 3.75	\$ -
60	Storm Drain CCTV 54" - 66"	LF	0	\$ 3.75	\$ -
61	Box Culvert Top Scan	LF	0	\$ 10.50	\$ -
62	Box Culvert Bottom Debris Mapping scan	LF	0	\$ 5.50	\$ -
63	CCTV Sanitary pipe inspection - includes light cleaning 8"-10" Diameter	LF	0	\$ 3.00	\$ -
64	CCTV Sanitary pipe inspection - includes light cleaning 12"-15" Diameter	LF	0	\$ 3.25	\$ -
65	CCTV Sanitary pipe inspection - includes light cleaning 16"-24" Diameter	LF	0	\$ 6.50	\$ -
66	Dye Testing of Sewer	EA	0.00	\$ 850.00	\$ -
67	Dye Flooding of Sewer	EA	0.00	\$ 1,250.00	\$ -
68	Wastewater Flow Monitoring Equipment Rental and Installation in existing Structures	EA	0.00	\$ 2,750.00	\$ -
69	Wastewater Flow Monitoring Monitoring and Maintenance	EA / Month	0.00	\$ 650.00	\$ -
70	Rainfall Monitoring Equipment Rental and Installation in existing Structures	EA	0.00	\$ 850.00	\$ -
71	Rainfall Monitoring Monitoring and Maintenance	EA / Month	0.00	\$ 300.00	\$ -
72	Line cleaning / Jetting for Sanitary	LF	0	\$ 3.25	\$ -
73	Increase for "Medium" cleaning of sanitary sewer line, ADD to above line item 72	LF	0	\$ 1.25	\$ -
74	Increase for "Heavy" cleaning of sanitary sewer line, ADD to above line item 72	LF	0	\$ 2.50	\$ -
75	GPS Mapping of Requested Manholes	EA	0	\$ 150.00	\$ -
SUBTOTAL C - CLEANING, TELEVISIONING AND ASSESSMENT					\$ 15,000.00

D - ANCILLARY SERVICES					
76	Plug Rental 6" - 10"	DAY	0	\$ 125.00	\$ -
77	Plug Rental 10" - 16"	DAY	0	\$ 150.00	\$ -
78	Plug Rental 16" - 24"	DAY	0	\$ 200.00	\$ -
79	Plug Rental 24" - 36"	DAY	0	\$ 250.00	\$ -
80	Bypass Pumper Truck	HOURL	0	\$ 325.00	\$ -
81	Bypass Vac-Truck	HOURL	0	\$ 325.00	\$ -
82	Maintenance of Traffic (MOT) - Arterial (single lane closure)	EA	50	\$ 1,250.00	\$ 62,500.00
83	Maintenance of Traffic (MOT) - FDOT (single lane closure)	EA	0	\$ 1,500.00	\$ -
84	Maintenance of Traffic (MOT) - Neighborhood (Simple MOT including Flagmen)	EA	0	\$ 600.00	\$ -
85	Mobilization Standard (per Crew)	WK	5	\$ 2,450.00	\$ 12,250.00
86	Mobilization Emergency (per crew)	EA	0	\$ 3,750.00	\$ -
87	Meals/Hotel/Lodging (per crew)	DAY	50	\$ 600.00	\$ 30,000.00
SUBTOTAL D - ANCILLARY SERVICES					\$ 104,750.00
E - COST of INVOICE PLUS OH/P ON MISCELLANEOUS SERVICES					
BUDGET					
88	Bypass Pumping Services		\$ -	15% OH/P	\$ -
89	Maintenance of Traffic CUSTOM INDEX		\$ -	15% OH/P	\$ -
90	Bypassing Plug (HAVE TO ORDER)		\$ -	15% OH/P	\$ -
91	Miscellaneous / Unexpected Materials or Services		\$ -	15% OH/P	\$ -
92	Extra / Miscellaneous		\$ -	15% OH/P	\$ -
93	Extra / Miscellaneous		\$ -	15% OH/P	\$ -
SUBTOTAL E - COST PLUS ON MISCELLANEOUS SERVICES					\$ -
SUMMARY OF BID FORM 1 - LINING METHOD - POLYURETHANE					
SUBTOTAL BID PRICE (A) MANHOLE AND STRUCTURES COATING - POLYURETHANE (SUM ITEMS 1 -12)					\$ -
SUBTOTAL BID PRICE (B) MANHOLE AND STRUCTURES REPAIR (SUM ITEMS 13 - 31)					\$ 77,150.00
SUBTOTAL BID PRICE (C) CLEANING, TELEVISIONING AND ASSESSMENT (SUM ITEMS 32-75)					\$ 15,000.00
SUBTOTAL BID PRICE (D) ANCILLARY SERVICES (SUM ITEMS 76-87)					\$ 104,750.00
SUBTOTAL BID PRICE (E) COST PLUS ON MISCELLANEOUS SERVICES (SUM ITEMS 88-93)					\$ -
TOTAL BID PRICE 1-LINING METHOD - POLYURETHANE					\$196,900.00
Bond amount calculated at 3% of total bid Price 1			3%		\$ -
Bond Amount Multiplier 3% (for use on projects over \$100,000.00)					Total project \$ 196,900.00