

SEWER SYSTEM REHABILITATION - WATER SECTOR PROGRAM FY2022 - City of Hammond					
Bid Item	Description	Estimated Quantity	Engineer's Estimate		
			UNIT PRICE	EXTENSION	
<i>Sewer System Evaluation Survey:</i>					
1.	SSES Mobilization	1	EA	\$ 1,500.00	\$ 1,500.00
2.	SSES Re-mobilization	2	EA	500.00	1,000.00
3.	SSES Report	1	EA	57,500.00	57,500.00
4.	Smoke Test Sanitary Sewer Mains	210,000	LF	0.75	157,500.00
5.	Clean & CCTV SS Lines (6"-8" diam.)	180,000	LF	3.00	540,000.00
6.	Clean & CCTV SS Lines (10" & 12" diam.)	22,000	LF	4.50	99,000.00
7.	Clean & CCTV SS Lines (15" & 18" diam.)	8,000	LF	6.00	48,000.00
8.	Inspect Sanitary Sewer Manholes	700	EA	150.00	105,000.00
9.	Root Removal	20	EA	500.00	10,000.00
10.	Dye-water flooding	4	EA	250.00	1,000.00
11.	Remove/Trim Protruding Service	750	EA	50.00	37,500.00
12.	SSES Sitework & Const./Traffic Signage	1	EA	10,000.00	10,000.00
13.	Heavy Clean & CCTV (8"-12" diam.)	10,000	LF	7.50	75,000.00
14.	Rear Lot/Remote Access (200' min.)	2,500	LF	5.00	12,500.00
<i>Sub-total "SSES" portion [items "1." - "14."]:</i>				\$ 1,155,500.00	
<i>Sewer Rehabilitation - Infiltration/Inflow Repairs:</i>					
15.	Mobilization - I&I Repairs	1	EA	\$ 25,000.00	\$ 25,000.00
16.	Remobilization - I&I Repairs	2	EA	1,500.00	3,000.00
17.	8" Cured-in-Place Pipe (CIPP) lining	71,000	LF	40.00	2,840,000.00
18.	10" CIPP Lining	3,000	LF	45.00	135,000.00
19.	12" CIPP Lining	2,400	LF	50.00	120,000.00
20.	15" CIPP Lining	1,200	LF	60.00	72,000.00
21.	18" CIPP Lining	1,000	LF	80.00	80,000.00
22.	Restore Remote Service	1,000	EA	20.00	20,000.00
23.	Install Flowable Fill [vehicular measure]	200.0	CY	150.00	30,000.00
24.	8" Point Repair (all depths)	60	EA	4,500.00	270,000.00
25.	Extend 8" Point Repair (all depths)	150	LF	40.00	6,000.00
26.	10" Point Repair (all depths)	10	EA	5,000.00	50,000.00
27.	Extend 10" Point Repair (all depths)	20	LF	50.00	1,000.00
28.	12" Point Repair (all depths)	6	EA	5,500.00	33,000.00
29.	Extend 12" Point Repair (all depths)	20	LF	60.00	1,200.00
30.	15" Point Repair (all depths)	5	EA	7,000.00	35,000.00
31.	Extend 15" Point Repair (all depths)	10	LF	90.00	900.00
32.	18" Point Repair (all depths)	2	EA	8,000.00	16,000.00
33.	Extend 18" Point Repair (all depths)	10	LF	100.00	1,000.00
34.	Install Service Line Point Repair	250	EA	650.00	162,500.00
35.	Extend Service Line Point Repair	4,000	LF	40.00	160,000.00
36.	Install 4" SS Cleanout over exist. svc.	150	EA	600.00	90,000.00
37.	Abandon Point Repair (all depths)	1	EA	1,000.00	1,000.00
38.	Patch, Seal, & Line SS MH (cementitious)	500.0	VF	150.00	75,000.00
39.	Re-build SSMH Invert	40	EA	500.00	20,000.00
40.	Re-set and Seal SSMH Cover	20	EA	650.00	13,000.00
41.	Replace SSMH Frame & Cover	30	EA	750.00	22,500.00
42.	Install new SS Manhole, complete	140.0	VF	1,200.00	168,000.00
43.	Remove/replace Pavement (6" th.-reinf.)	250.0	SY	120.00	30,000.00
44.	Remove/replace Street Pvmnt. (8" th.-unreinf.)	300.0	SY	150.00	45,000.00
45.	Haul-in/compact BACKFILL [vehicular measure]	900	CY	20.00	18,000.00
46.	Haul-in/grade LIMESTONE [610-vehic. meaur]	1,200.0	TN	80.00	96,000.00
47.	Install Watertight SSMH Frame/Cover	120	EA	500.00	60,000.00
48.	I&I Repairs Sitework & Const.Traffic signage	1	EA	10,000.00	10,000.00
<i>Sub-total "Sewer Rehab/I+I" portion [items "15." - "48."]:</i>				\$ 4,710,100.00	

SSES estimated cost:	\$ 1,155,500.00	
SSES contingencies (5%):	57,775.00	
SSES BUDGET:		\$ 1,213,275.00
Engineering Fees (6.67%):		77,071.85
Resident Project Representative:		28,887.50
Testing Lab/LaDOTD Permits/Misc. Costs:		765.65
Total SSES Budget:		\$ 1,320,000.00

Sewer Rehab/I+I estimated cost:	\$ 4,710,100.00	
Sewer Rehab contingencies (5%):	235,505.00	
Sewer Rehab/I+I Construction BUDGET:		\$ 4,945,605.00
Engineering Fees (6.67%):		314,163.67
Resident Project Representative:		117,752.50
Testing Lab/LaDOTD Permits/Misc. Costs::		22,478.83
Total Sewer Rehab Budget:		\$ 5,400,000.00
Total Water Sector Program FY2022 Project Budget:		\$ 6,720,000.00