

OVERALL PROJECT BUDGET
SEWER SYSTEM REHABILITATION - LaDEQ SRF
City of Hammond

4-Dec-2012

<i>Construction Budget:</i>					AMOUNT
A. Infiltration/Inflow Repairs & Sewer System Rehabilitation					\$ 4,233,600.00
B. Construction Contingencies					266,400.00
TOTAL Construction BUDGET:					\$ 4,500,000.00
<i>Other Costs:</i>					
C.	Engineering Fees	<i>Contract A:</i>	6.89%	\$ 4,500,000	\$ 310,050.00
D.	Environmental / Engineering Report		0.00%	\$ 4,500,000	-
E.	Construction Inspection	<i>Contract A:</i>	2.50%	\$ 4,500,000	112,500.00
F.	Lab costs/QA/QC				2,500.00
G.	Legal Costs/cost of issue				40,000.00
H.	Permits/Surveys				1,500.00
I.	LaDEQ Grant Administration / Labor Compliance				30,000.00
J.	Miscellaneous Costs/fees				3,450.00
<i>Sub-Total "Other Costs":</i>					\$ 500,000.00
Total Project Budget:					\$ 5,000,000.00

REVENUES	
LaDEQ Revolving Loan	\$ 5,000,000.00
City of Hammond Sewer Capital Impr. Appropriation FY2013-14	-
TOTAL PROJECT REVENUES:	\$ 5,000,000.00

Infiltration/Inflow Repairs & Sewer Rehabilitation
SEWER SYSTEM REHABILITATION - LaDEQ SRF
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Bid Item	Description	Est. Quantity	Engineer's Estimate	
			UNIT PRICE	EXTENSION
1.	Mobilization	1 EA	\$ 100,000.00	\$ 100,000.00
2.	8" Cured-in-Place Pipe (CIPP) lining	80,000 LF	20.00	1,600,000.00
3.	10" CIPP Lining	1,000 LF	25.00	25,000.00
4.	12" CIPP Lining	10,000 LF	30.00	300,000.00
5.	15" CIPP Lining	1,000 LF	35.00	35,000.00
6.	18" CIPP Lining	1,000 LF	45.00	45,000.00
7.	Restore Remove Service	800 EA	150.00	120,000.00
8.	Repair Protuding Service	500 EA	100.00	50,000.00
9.	8" Point Repair (all depths)	300 EA	1,800.00	540,000.00
10.	Extend 8" Point Repair	1,500 LF	25.00	37,500.00
12.	10" Point Repair (all depths)	5 EA	2,200.00	11,000.00
13.	Extend 10" Point Repair	20 LF	70.00	1,400.00
14.	12" Point Repair (all depths)	50 EA	2,500.00	125,000.00
15.	Extend 12" Point Repair	200 LF	100.00	20,000.00
16.	15" Point Repair (all depths)	1 EA	3,500.00	3,500.00
17.	Extend 15" Point Repair	10 LF	120.00	1,200.00
18.	18" Point Repair (all depths)	1 EA	4,000.00	4,000.00
19.	Extend 18" Point Repair	10 LF	150.00	1,500.00
20.	Install Service Line Point Repair	1,100 EA	400.00	440,000.00
21.	Extend Service Line Point Repair	6,000 LF	15.00	90,000.00
22.	Install 4" SS Cleanout over exist. svc.	700 EA	200.00	140,000.00
23.	Abandon Point Repair (all depths)	10 EA	750.00	7,500.00
24.	Patch, Seal, & Line SS Manhole	1,400.0 VF	100.00	140,000.00
25.	Re-build SSMH Invert	60 EA	500.00	30,000.00
26.	Re-set and Seal SSMH Cover	60 EA	350.00	21,000.00
27.	Replace SSMH Frame & Cover	120 EA	500.00	60,000.00
28.	Install new SS Manhole, complete	400.0 VF	250.00	100,000.00
29.	Remove/replace Pavement (6" th.-reinf.)	800.0 SY	70.00	56,000.00
30.	Remove/replace Pavement (8" th.-unreinf.)	1,000.0 SY	85.00	85,000.00
31.	Haul-in/compact select BACKFILL	1,000 CY	14.00	14,000.00
32.	Haul-in/grade LIMESTONE	500 TN	60.00	30,000.00
Construction Cost Estimate (items "1." - "32.):			\$	4,233,600.00
A. Construction Contingencies		6.29%	\$ 4,233,600	266,400.00
"I/I Repairs & Sewer Rehabilitation" Construction Budget			\$	4,500,000.00

\$5,000,000 - 20 yrs @ 0.95%

Enter values

Loan amount	\$ 5,000,000.00
Annual interest rate	0.950%
Loan period in years	20
Start date of loan	7/1/2013

Monthly payment	\$ 22,883.36	\$ 274,600.28 Annual Payment
Number of payments	240	
Total interest	\$ 492,005.59	
Total cost of loan	\$ 5,492,005.59	

No.	Payment Date	Beginning Balance	Payment	Principal	Interest	Ending Balance
1	8/1/2013	\$ 5,000,000.00	\$ 22,883.36	\$ 18,925.02	\$ 3,958.33	\$ 4,981,074.98
2	9/1/2013	\$ 4,981,074.98	\$ 22,883.36	\$ 18,940.01	\$ 3,943.35	\$ 4,962,134.97
3	10/1/2013	\$ 4,962,134.97	\$ 22,883.36	\$ 18,955.00	\$ 3,928.36	\$ 4,943,179.97
4	11/1/2013	\$ 4,943,179.97	\$ 22,883.36	\$ 18,970.01	\$ 3,913.35	\$ 4,924,209.97
5	12/1/2013	\$ 4,924,209.97	\$ 22,883.36	\$ 18,985.02	\$ 3,898.33	\$ 4,905,224.94
6	1/1/2014	\$ 4,905,224.94	\$ 22,883.36	\$ 19,000.05	\$ 3,883.30	\$ 4,886,224.89
7	2/1/2014	\$ 4,886,224.89	\$ 22,883.36	\$ 19,015.10	\$ 3,868.26	\$ 4,867,209.79
8	3/1/2014	\$ 4,867,209.79	\$ 22,883.36	\$ 19,030.15	\$ 3,853.21	\$ 4,848,179.64
9	4/1/2014	\$ 4,848,179.64	\$ 22,883.36	\$ 19,045.21	\$ 3,838.14	\$ 4,829,134.43
10	5/1/2014	\$ 4,829,134.43	\$ 22,883.36	\$ 19,060.29	\$ 3,823.06	\$ 4,810,074.14
11	6/1/2014	\$ 4,810,074.14	\$ 22,883.36	\$ 19,075.38	\$ 3,807.98	\$ 4,790,998.76
12	7/1/2014	\$ 4,790,998.76	\$ 22,883.36	\$ 19,090.48	\$ 3,792.87	\$ 4,771,908.27
13	8/1/2014	\$ 4,771,908.27	\$ 22,883.36	\$ 19,105.60	\$ 3,777.76	\$ 4,752,802.68
14	9/1/2014	\$ 4,752,802.68	\$ 22,883.36	\$ 19,120.72	\$ 3,762.64	\$ 4,733,681.96
15	10/1/2014	\$ 4,733,681.96	\$ 22,883.36	\$ 19,135.86	\$ 3,747.50	\$ 4,714,546.10
16	11/1/2014	\$ 4,714,546.10	\$ 22,883.36	\$ 19,151.01	\$ 3,732.35	\$ 4,695,395.09
17	12/1/2014	\$ 4,695,395.09	\$ 22,883.36	\$ 19,166.17	\$ 3,717.19	\$ 4,676,228.92
18	1/1/2015	\$ 4,676,228.92	\$ 22,883.36	\$ 19,181.34	\$ 3,702.01	\$ 4,657,047.58
19	2/1/2015	\$ 4,657,047.58	\$ 22,883.36	\$ 19,196.53	\$ 3,686.83	\$ 4,637,851.05
20	3/1/2015	\$ 4,637,851.05	\$ 22,883.36	\$ 19,211.72	\$ 3,671.63	\$ 4,618,639.33
21	4/1/2015	\$ 4,618,639.33	\$ 22,883.36	\$ 19,226.93	\$ 3,656.42	\$ 4,599,412.39
22	5/1/2015	\$ 4,599,412.39	\$ 22,883.36	\$ 19,242.16	\$ 3,641.20	\$ 4,580,170.24
23	6/1/2015	\$ 4,580,170.24	\$ 22,883.36	\$ 19,257.39	\$ 3,625.97	\$ 4,560,912.85
24	7/1/2015	\$ 4,560,912.85	\$ 22,883.36	\$ 19,272.63	\$ 3,610.72	\$ 4,541,640.22
25	8/1/2015	\$ 4,541,640.22	\$ 22,883.36	\$ 19,287.89	\$ 3,595.47	\$ 4,522,352.33
26	9/1/2015	\$ 4,522,352.33	\$ 22,883.36	\$ 19,303.16	\$ 3,580.20	\$ 4,503,049.16
27	10/1/2015	\$ 4,503,049.16	\$ 22,883.36	\$ 19,318.44	\$ 3,564.91	\$ 4,483,730.72
28	11/1/2015	\$ 4,483,730.72	\$ 22,883.36	\$ 19,333.74	\$ 3,549.62	\$ 4,464,396.99
29	12/1/2015	\$ 4,464,396.99	\$ 22,883.36	\$ 19,349.04	\$ 3,534.31	\$ 4,445,047.94
30	1/1/2016	\$ 4,445,047.94	\$ 22,883.36	\$ 19,364.36	\$ 3,519.00	\$ 4,425,683.58
31	2/1/2016	\$ 4,425,683.58	\$ 22,883.36	\$ 19,379.69	\$ 3,503.67	\$ 4,406,303.89
32	3/1/2016	\$ 4,406,303.89	\$ 22,883.36	\$ 19,395.03	\$ 3,488.32	\$ 4,386,908.86