

Conceptual Opinion of Probable Project Costs
Town of Abita Springs
SEWER SYSTEM REHABILITATION PROJECT
TOTAL ESTIMATED PROGRAM COST

Prepared by
Principal Engineering, Inc.
March 2017

1. CONSTRUCTION	
Gravity Sewer Rehabilitation	\$3,593,910.00
Sewer Lift Station Rehabilitation	\$1,796,235.20
Sewer Service Extensions	\$50,000.00
Construction Costs Subtotal	\$5,440,145.20
2. ENGINEERING, PLANNING, AND ADDITIONAL SERVICES	
Basic Services (8% of Construction Planning Factor)	\$435,211.62
Project Representation Services	\$75,600.00
Surveying Services	\$20,250.00
Permitting Services	\$5,200.00
3. FUNDING PROCUREMENT DETAIL	
Application Services	\$7,800.00
Preliminary Engineering Report	\$24,600.00
Loan Closing Documentation	\$8,600.00
4. UTILITY MAPPING	
Map & Data Consolidation	\$20,000.00
GIS Startup	\$5,000.00
5. VAC TRUCK	
Purchase of a Sewer Vacuum Truck (Under 26,000 lbs.)	\$200,000.00
6. LEGAL SERVICES	
Legal and Bond Counsel	\$48,000.00
Legal Recordations	\$5,100.00
Total Estimated Program Cost	\$6,295,500.00

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1. CONSTRUCTION DETAIL	
Gravity Sewer Rehabilitation Component	\$3,593,910.00
<p>Scope: Resolve inflow and infiltration in the Town's gravity collection system. The project will be conducted in two (2) phases: Phase I - Preliminary Exploration, and Phase II - Gravity Sewer Rehabilitation. In Phase 1 the Town's gravity collection system will be inspected by means of closed circuit television and manhole inspection. Phase II will construct repairs at areas located in Phase I.</p>	
Sewer Lift Station Rehabilitation Component	\$1,796,235.20
<p>Scope: Rehabilitate each of the Town's 15 lift stations per the report entitled "Sanitary Sewer Improvement Study, Phase II - Lift Station Evaluation Report". Rehabilitation measures include: pump replacement, control panel replacement, wet well lining, SCADA system installation, minor site work, and supporting electrical work.</p>	
Sewer Service Extension Component	\$50,000.00
<p>Scope: Project C will connect residences located near existing sewer infrastructure. Work performed includes connecting 7 existing residences to existing sewer mains. Over 80 potential connections examined, most fail on a cost payback analysis. (Connections may be subsumed by Project A in execution)</p>	
Total Estimated Construction Cost	\$5,440,145.20

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2. ENGINEERING, PLANNING, AND ADDITIONAL SERVICES DETAIL	
Basic Services (8% of Construction Planning Factor)	\$435,211.62
Description: Provide design services, including contract documents (Drawings and Specifications); advertising for and obtaining bids; contract award; construction administration; construction closeout; and record drawings.	
Project Representation Services	\$75,600.00
Description: Provide construction inspection services to ensure the contractor will conform to the contract documents.	
Surveying Services	\$20,250.00
Description: Provide topographical surveys to make measured drawings of or to investigate existing conditions of facilities.	
Permitting Services	\$5,200.00
Description: Prepare LDOTD project permits, LDHH permits, clean water act wetland permits, etc., as required.	

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3. FUNDING PROCUREMENT DETAIL	
Application Services	\$7,800.00
Description: Assist in the preparation of loan application documents including preparing probable opinions of project costs, maps, exhibits, etc., outside scope of basic services, if required.	
Preliminary Engineering Report	\$24,600.00
Description: Preparing a Preliminary Engineering Report if required by the funding agency, to assess the existing system assets to detail the proposed improvements, describe environmental impact and proposed mitigation, and summarize town financial position and management practices.	
Loan Closing Documentation	\$8,600.00
Description: Provide general administrative assistance in compiling and submitting financial and legal documentation required to conduct a Bond Issuance and Loan Closing, if required.	
4. UTILITY MAPPING DETAIL	
Map & Data Consolidation	\$20,000.00
Description: Compile information related to existing system utilities for upload into the proposed GIS system. Tasks include analyzing as-built drawings, performing field investigations, and interviewing system operators. Data will be used to develop overall utility system maps.	
GIS Startup	\$5,000.00
Description: Funds required to cover startup costs for a web based GIS system.	

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5. VAC TRUCK DETAIL	
Purchase of a Sewer Vacuum Truck (Under 26,000 lbs.)	\$200,000.00
Description: Procuring a sewer vacuum truck to be owned and operated by the Town's sewer system.	
6. LEGAL SERVICES DETAIL	
Legal and Bond Counsel	\$48,000.00
Description: Legal fees required in the procurement of municipal bonds including rendering the opinion of the validity of the bond offering.	
Legal Recordations	\$5,100.00
Description: Prepare and submit for recordation with the Parish Clerk of Court the Contractor/Owner Agreement and related bonds for recordation.	