

MINUTES OF THE WORKSHOP - GULF AIRE SEWER SYSTEM PROPOSAL, HELD IN THE COMMISSION CHAMBER AT CITY HALL, October 21, 2014, AT 5:00 P.M.

The following were present: Mayor Magidson, Commissioners Buzzett, McCroan and Thursbay. City Manager Jim Anderson, City Clerk Charlotte Pierce, Attorney Tom Gibson, Financial Analyst Mike Lacour, Public Works Director John Grantland, City Engineer Philip Jones and John Wright were also present. Commissioner Patterson was absent due to an accident but participated by telephone.

The purpose of the Workshop was to review and discuss the Gulf Aire Sewer System Proposal as offered by owner, Frank Seifert.

City Manager Jim Anderson asked John Grantland to share his Powerpoint presentation, ESAD Sewer Review Pubic Works 10/19/14.

Questions were asked and answered as discussion was held during the presentation.

SYSTEM OVERVIEW

Length of Gravity Sewer	18,781 LF
Approximate Manholes	54
Approximate Lampholes	12
Length of Low Pressure	600 LF
Number of Lift Stations	3
Length of Forcemain	1,564 LF

LIFT STATIONS

Three Lift stations within system:
185 Lightkeeper's Drive
Highway 98 and Gulf Aire Drive
Seashores and Americus Avenue

GRAVITY SYSTEM

18,781 LF of 6" PVC Mainline
600 LF of 2" Low Pressure
54 Manholes
12 Lampholes (Lampholes are not visible)

AREAS OF CONCERN

Lift Stations
Sections of Gravity, Christen's Curve, Cul-De- Sacs in Seashores
Depth of the Low Pressure Along Highway 98
Sedimentation throughout system
Depth of Gravity

Hydrogen Sulfide (H2S) is present in the manholes along Lightkeeper's Drive. There is also a depressed area in the 700 block of Gulf Aire Drive that should be looked at with a camera.

Additional Costs

In order to collect and pump the sewage 8,000 LF through the existing 10" Forcemain we will need to install an additional Lift Station. The cost will roughly be \$150,000.00 for the equipment plus installation. The station quoted would be a 8' x 20', 20 HP Duplex capable of 625 GPM which is needed to achieve the 2.5' per second velocity needed to scour and include all controls, valves, etc.

The cost to rehab the two existing Lift Stations would be \$28,300.00 and \$33,450 which includes all pumps, controls, rails, valves, etc. These prices are for equipment only and does not include installation.

Total cost estimate for equipment only is \$211,750.00.

TOTAL SYSTEM SUMMARY

System asking price	\$898,000.00
Upgrade and new equipment costs	\$211,750.00
Installation Costs	\$ 48,000.00
Labor Costs City Staff	\$ 7,250.00
Total Costs	\$1,165,000.00

It was noted that additional personnel could be needed if the system is purchased.

Mr. Anderson computed the monthly revenue to be approximately \$14,500 (\$48 per month for 302 customers) if the system was purchased.

Philip Jones also noted that a video inspection of the system would be advisable and runs around \$1.50 per foot and a charge of approximately \$2.50 per foot to clean the system.

Mr. Siefert reiterated that he felt the price was good, he was offering to finance the purchase and feels that some of the prices quotes by the City are high.

Staff will review the provided materials and offer a recommendation.

Mayor Magidson adjourned the Workshop at 5:45 P.M.

Approved this 4th day of November 2014.



Mel C. Magidson, Jr., Mayor

11/10/14

Date



Charlotte M. Pierce, City Clerk

11/5/14

Date