

MINUTES: CITY COUNCIL WORKSESSION
November 3, 2014

PRESENT: Mayor Thomas Muir, Councilman Billy Ezell, Councilman Russell Martin, Councilman Scott Stephens, Councilman Gary Bilyeu and Councilman Allen Chick

OTHERS

PRESENT: Mike Brice City Manager, Tami Taber City Secretary, Joe Falls, David Hawkins and Ross Standefer

1. Call Meeting to Order.

Mayor Muir called the meeting to order at 6:27 p.m.

2. Discuss Cowling Road Lift Station.

City Manager advised that West of I-35, there have been continuous problems in the last several years and since there will not be a new plant built, the City needs to plan ahead for a replacement in the next few years.

Ross Standefer with Alan Plummer Associates, pump system design team was present.

They are proposing basic engineering services to perform investigation and analysis, preliminary design, detailed design, bid phase and construction phase services for the Cowling Road lift station and force main. This will be done in two phases.

3. Discuss Water Wells.

David Hawkins with LNV Inc., presented a booklet on proposed water supply improvements. He said that recent data indicates an annual growth rate of 5% and the City will need to provide additional means of water supply to provide for the population growth.

Currently the City operates five deep wells drawing water from the Antlers formation, producing approximately 1,520 gallons per minute and LNV is currently working with the City to determine the status and potential capacity for Well #2 and #3 since neither of these wells are currently fully operational.

The City recently conducted a video inspection of Well #3. Well #2 was not inspected. After the inspection, it was determined that no improvements should be made to Well #3 or Well #2, and that a new water well should be drilled on site to replace the lost capacity of Well #3 and the diminished capacity of Well #2.

If the City continues to grow at approximately 5% each year, the City will continue to be out of compliance regarding water capacity and the deficit will get worse each year.

Currently, the City has five ground storage tanks and three elevated storage tanks with capacities of 1.2 million gallons and 0.9 million gallons. The City has 1.20 million gallons of elevated storage serving 2,700 connections.

Based on the 5% growth rate, Mr. Hawkins feels that additional water supply sources are needed immediately.

The City has proposed a potential well site at the end of Keith Drive. Estimated cost for the project would be \$1,590,000.

Water wells (2@ 700 gpm each)	\$ 800,000
Yard piping, meter, valves	\$ 70,000
Site work, road and fencing	\$ 25,000
12" transmission main	\$ 80,000
8" distribution main	\$ 60,000
SCADA	\$ 20,000
Electrical (MCC/lighting)	\$ 70,000
Chlorination facilities	\$ 100,000
Mobilization/insurance	\$ 75,000
Engineering	\$ 125,000
Legal	\$ 5,000
Contingencies	\$ 160,000
Project Total	\$1,590,000

4. Overview of Items on Regular Agenda.
5. Adjourn.

Mayor Muir adjourned the meeting at 7:10 p.m.