



**Water, Sewer, and Solid Waste Committee**

**March 27<sup>th</sup>, 2018**

**5:30 P.M.**

(Or immediately following Equipment Committee Session)

**City Hall – Room 326**

**Committee:** Chairman Mark Kinion; Council Member Sarah Marsh, Council Member Sarah Bunch, Council Member John LaTour

**Alternates:**

**Copy to:** Mayor Lioneld Jordan; Sondra Smith, Don Marr, Paul Becker, Susan Norton, Chris Brown, Alan Pugh, Terry Gulley, Brian Pugh, Jeff Coles, Mark Rogers, Jim Beavers, Aaron Watkins, Greg Weeks, Mayo Miller, Tim Luther

**From:** Tim Nyander, Utilities Director

**CALL TO ORDER**

**ROLL CALL**

**OLD BUSINESS/UPDATES:**

**NEW BUSINESS:**

**1. *Dinsmore Trail Water Line Replacement***

The project includes approximately 4,240 feet of new 8-inch diameter water main, fire hydrants and appurtenances.

Bid 18-17 was opened February 22, 2018. Bid results were as follows:

|                       |                   |                         |                                     |
|-----------------------|-------------------|-------------------------|-------------------------------------|
| Brothers Construction | Goins Enterprises | Goodwin & Goodwin, Inc. | Seven Valleys Construction Co. Inc. |
| \$384,310.00          | \$350,195.00      | \$292,955.00            | \$399,920.00                        |

The Consulting Engineer MWY/Olsson and City staff recommend awarding the construction contract to the low bidder, Goodwin & Goodwin, Inc.

**STAFF REQUESTS THIS BE FORWARDED TO THE CITY COUNCIL FOR CONSIDERATION FOR APPROVAL**

**2. Bid 18-22 2018 Sanitary Sewer Cast In Place Pipe (CIPP)**

The project is the five (5) year annual maintenance project 2018 – 2022 for trenchless sanitary sewer rehabilitation using cast in place pipe (internal pipe lining) not to exceed \$350,000.00 in any one year period.

The 2018 project includes approximately 6,500 lf of lf of trenchless sanitary sewer rehabilitation.

Bid 18-22 was opened March 7, 2018. Bid results were as follows:

|              |              |
|--------------|--------------|
| Insituform   | Suncoast     |
| \$248,501.00 | \$364,574.00 |

City staff recommend awarding the construction contract to the low bidder, Insituform

**STAFF REQUESTS THIS BE FORWARDED TO THE CITY COUNCIL FOR CONSIDERATION**

**3. Change Order No. 3 – Lake Sequoyah**

The current phase of this project is the construction of the Lake Sequoyah Basin 3 Access Road, which will provide the access from the project to State Highway 16E near Van Hoose. This access road will go across the two previously installed access bridges. What was discovered early in this phase is the exposed road subgrade material is very soft and saturated (pictures). The standing water and saturated conditions are present even before rain events. Based upon field tests and visual observations, the existing soils (subgrade) cannot provide an adequate foundation for the access road construction.

The recommended modifications provided by the geotechnical and testing engineer

(McClelland Consulting Engineers) recommends implementing a 2 ½ ft. bedding of B-stone (Picture) for the entirety of the referenced area, similar to what is planned within 50 feet on either side of bridge abutments.

Additionally, the change order contains the addition of a containment berm for future dredging geopool(s). This berm is being added to the current project to (1) have an earthen separation between existing and future sediment geopools, and (2) remove the need to initiate a second contract on this same basin.

**STAFF REQUESTS THIS BE FORWARDED TO THE CITY COUNCIL FOR CONSIDERATION FOR APPROVAL**

**4. Reimbursement for Installing Coated Copper**

Any project that was approved prior to the specification change from plastic tubing to coated copper on service lines are allowed to install plastic, even if the project didn't start until after the new requirement was in place. For developers who choose to install coated copper anyway, the city would reimburse for the difference in cost. We will discuss a project that meets this requirement.

**INFORMATIONAL ONLY, NO ACTION REQUIRED**

**Capital Projects Update**

| Number | Project Description   | Contractor             | Cost        | % Complete |
|--------|---|------------------------|-------------|------------|
| 1      | Dinsmore Trail Water Line Replacement (Design)                                  | MWY                    | \$53,144    | 100%       |
| 2      | Masters Lift Station Removal (Design)   | Hawkins-Weir           | \$71,820    | 98%        |
| 3      | Gregg, Poplar and Easy Street Sewer Improvements-Design                         | In-House Design        | \$500,000   | 99%        |
| 4      | Huntsville, MLK & Garden Park Apartments Water Line Replacements - Construction | Goins Enterprises      | \$1,919,872 | 70%        |
| 5      | Screen Repair at West Side WWTP   | In-House               | \$35,253    | 50%        |
| 6      | Mechanical Blower Repair West Side WWTP   | Blocker & Wallace      | \$31,355    | 100%       |
| 7      | Fulbright/Gregg Sewer Main Replacement (Design)                                 | In-House Design        | \$1,000,000 | 50%        |
| 8      | Kitty Creek Sewer Line Project (Design)   | McClelland Engineering | \$250,793   | 50%        |
| 9      | Goshen/Benson Mtn. Water Tank Improvements (Design)                             | Hawkins-Weir           | \$133,980   | 25%        |
| 10     | Water & Sewer Outbuildings Construction   | Benchmark Const.       | \$366,000   | 70%        |
| 11     | Utility Relocates Hwy 16 (Design)   | McClelland Engineering | \$117,859   | 15%        |
| 12     | Electrical Improvements for the Noland WWTP                                     | Allgeier, Martin       | \$480,049   | 5%         |
| 13     | Lake Sequoyah Access Road Basin 3   | 81 Construction Inc.   | 13          | 10%        |