



## MEMORANDUM

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March 4, 2013

**TO:** Board of Mayor and Aldermen

**FROM:** Eric Stuckey, City Administrator  
David Parker, City Engineer/CIP Executive  
Paul Holzen, Director of Engineering  
Patricia Proctor, Utilities Project Manager

**SUBJECT:** Award of the Construction Contract for the West Main Street Water and Sewer Replacement Phase 2 Project (COF Contract No. 2012-0193)

### Purpose

The purpose of this memorandum is to provide the Board of Mayor and Aldermen (BOMA) with information to consider award of the construction contract for the West Main Street Water and Sewer Replacement Phase 2 Project (COF Contract No. 2012-0193) to S & R Excavation.

### Background

The existing sewer lines from the Fair Street and 7<sup>th</sup> Avenue intersection to 5<sup>th</sup> Avenue North (Hillsboro Road) need to be rehabilitated and upsized in order to fully utilize the construction of Phase 1 of this project. The construction bids were opened on February 27, 2013, at 9:00 a.m. with S & R Excavation being the apparent low bidder. The Notice to Proceed (NTP) will be issued soon after the bid is awarded and contracts finalized.

### Financial Impact

Construction costs of \$409,045.75 to be paid out of the Water and Sewer fund. This project is classified as rate-funded capital.

### Recommendation

Staff recommends awarding the construction contract to S & R Excavation in the amount of \$409,045.75.



G R E S H A M  
S M I T H   A N D  
P A R T N E R S

March 1, 2013

Mr. Paul Holzen, P.E.  
Engineering Director  
City of Franklin  
109 3rd Avenue South, Suite 142  
Franklin, TN 37064-2518

**Subject: Award Recommendation  
West Main St. Water and Sewer Replacement Phase 2  
City of Franklin, Tennessee  
COF Contract No. 2012-0193  
GS&P Project No. 28442.01**

Dear Mr. Holzen:

On February 27, 2013 at 9:00 a.m. CST, at City Hall, sealed Bids were received and opened in the presence of Gresham, Smith and Partners and City of Franklin (COF) officials for the above referenced project. We have reviewed the bids that were opened for arithmetic correctness and technical compliance. We have attached the certified bid tabulation.

Based on our review of the bids, we recommend COF award the West Main St. Water and Sewer Replacement Phase 2 project to the responsible low bidder, Stewart-Richey Construction, Inc. for their Total Amount Bid of **\$409,045.75**. (four hundred nine thousand, forty five dollars and seventy five cents).

If you are in agreement with this recommendation, and upon approval from the City of Franklin Board of Mayor and Aldermen, please notify our office so a Notice of Award can be issued and the Contract Documents can be prepared for signature and execution.

If you have any questions or require additional information, please call me at (615) 770-8113.

Sincerely,  
**Gresham, Smith and Partners**

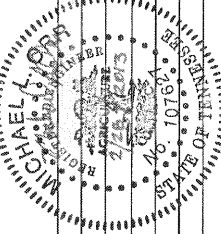
Michael L. Orr, P.E.  
Senior Project Engineer/Senior Associate

Enclosures: as stated

Copy: Mark Hilty, Director of Water Management - City of Franklin  
Patricia Proctor, Utilities Project Manager - City of Franklin  
File 28442.01/6.0

Design Services For The Built Environment

**BID TABULATION**  
**West Main St. Water and Sewer Replacement Phase 2**  
**City of Franklin, Tennessee**  
 Contract No. 2012-0193  
 GS&P Project No. 28442.01  
 Bid Date: Feb. 27, 2013



| Item Description   | Qty   | Unit | Engineer's Opinion of Probable Construction Cost |                     | Stewart-Richey Construction, Inc. |       | Gemey Construction |       | L & C Contractors, Inc. |       |
|--|-------|------|--|---------------------|-----------------------------------|-------|--------------------|-------|-------------------------|-------|
|  |       |      | Unit Price                                       | Total               | Unit Price                        | Total | Unit Price         | Total | Unit Price              | Total |
| <b>Sewer</b>   |       |      |  |                     |                                   |       |                    |       |                         |       |
| 1 Gravity Sewer  |       |      |  |                     |                                   |       |                    |       |                         |       |
| a. 12" DIP Protect-401 Lines (inside Roadway)  | 400   | LF   | \$200.00   | \$80,000.00         |                                   |       |                    |       |                         |       |
| b. 12" PVC SDR 35 (inside Roadway)   | 80    | LF   | \$150.00   | \$12,000.00         |                                   |       |                    |       |                         |       |
| c. 8" PVC SDR 35 (inside Roadway)  | 80    | LF   | \$100.00   | \$8,000.00          |                                   |       |                    |       |                         |       |
| d. 8" PVC SDR 35 (inside/Outside Roadway)  | 100   | LF   | \$50.00  | \$5,000.00          |                                   |       |                    |       |                         |       |
| 2 Manholes   |       |      |  |                     |                                   |       |                    |       |                         |       |
| a. 4-ft. Dia. MH Incl. Water-tight Frame & Cover, (0 - 6-ft deep)                                  | 7     | EA   | \$5,000.00                                       | \$35,000.00         |                                   |       |                    |       |                         |       |
| b. Additional Depth for 4-ft Dia. MH (> 6-ft deep)   | 60    | LF   | \$400.00   | \$24,000.00         |                                   |       |                    |       |                         |       |
| c. Drop Manhole Assembly, (Outside)  | 1     | EA   | \$1,500.00                                       | \$1,500.00          |                                   |       |                    |       |                         |       |
| 3 Trenchless Installation, 12" HDPE Pipe Bursting into Ex. 8" Main                                 | 500   | LF   | \$200.00   | \$100,000.00        |                                   |       |                    |       |                         |       |
| 4 Lateral Service Connection   |       |      |  |                     |                                   |       |                    |       |                         |       |
| a. Gravity Sewer Connection Incl. Cleanout   | 2     | EA   | \$1,500.00                                       | \$3,000.00          |                                   |       |                    |       |                         |       |
| b. Pipe Bursting Sewer Connection Incl. Cleanout   | 2     | EA   | \$1,700.00                                       | \$3,400.00          |                                   |       |                    |       |                         |       |
| 5 Bypass Pumping for Sewer Installation  | 1     | LS   | \$10,000.00                                      | \$10,000.00         |                                   |       |                    |       |                         |       |
| 6 Trunk Sewer Connection to Ex. Manhole  | 1     | LS   | \$2,000.00                                       | \$2,000.00          |                                   |       |                    |       |                         |       |
| 7 Pipeline Cleaning and CCTV for Pipe Bursting, Pre-Installation                                   | 500   | LF   | \$2.00   | \$1,000.00          |                                   |       |                    |       |                         |       |
| 8 Final Video Inspection of New Sewer Lines  | 1,120 | LF   | \$1.50   | \$1,680.00          |                                   |       |                    |       |                         |       |
| <b>Water</b>   |       |      |  |                     |                                   |       |                    |       |                         |       |
| 9 6" Ductile Iron Water Line   | 440   | LF   | \$80.00  | \$35,200.00         |                                   |       |                    |       |                         |       |
| 10 Ductile Iron Fittings   | 400   | LBS  | \$5.00   | \$2,000.00          |                                   |       |                    |       |                         |       |
| 11 Connect to Existing 6" Gate Valve   | 2     | EA   | \$1,000.00                                       | \$2,000.00          |                                   |       |                    |       |                         |       |
| 12 Reconnect Water Service Assembly  | 5     | EA   | \$1,000.00                                       | \$5,000.00          |                                   |       |                    |       |                         |       |
| 13 Install New Water Meter Box   | 5     | EA   | \$1,000.00                                       | \$5,000.00          |                                   |       |                    |       |                         |       |
| 14 New Water Service Line, Type K Copper   | 60    | LF   | \$30.00  | \$1,800.00          |                                   |       |                    |       |                         |       |
| <b>General Construction</b>  |       |      |  |                     |                                   |       |                    |       |                         |       |
| 15 Road & Trench Repair  |       |      |  |                     |                                   |       |                    |       |                         |       |
| a. Milling 1.5" Asphalt Pavement   | 600   | SY   | \$5.00   | \$3,000.00          |                                   |       |                    |       |                         |       |
| b. Asphalt Paving & Utility Trench Repair, BM2 (TDOT Item No. 307-02-09), 6" Depth, Incl. Striping | 535   | TON  | \$145.00   | \$77,275.00         |                                   |       |                    |       |                         |       |
| c. Aggregate Base in R.O.W. (TOD Item No. 303-01), 10" Depth                                       | 865   | TON  | \$15.00  | \$12,975.00         |                                   |       |                    |       |                         |       |
| d. Asphalt Surface, (TDOT Item No. 411-01.1) PG64-22 (Grading E), 1.5" Depth, Incl. Striping       | 250   | TON  | \$150.00   | \$37,500.00         |                                   |       |                    |       |                         |       |
| e. Concrete Parking Lot, 6" thick, Incl. Striping  | 160   | SY   | \$130.00   | \$20,800.00         |                                   |       |                    |       |                         |       |
| f. Flowable Fill for Utility Trench in TDOT R.O.W., 24" Depth                                      | 100   | CY   | \$130.00   | \$13,000.00         |                                   |       |                    |       |                         |       |
| 16 6" Concrete Curb & Gutter, Incl. App. Base, (TDOT Type 6-30, RP-NMC-10) or match existing       | 120   | LF   | \$50.00  | \$6,000.00          |                                   |       |                    |       |                         |       |
| 17 Repair Brick Crosswalk at Columbia Av.  | 1     | LS   | \$1,000.00                                       | \$1,000.00          |                                   |       |                    |       |                         |       |
| 18 Erosion & Sediment Control/Final Seeding w/Mulch  | 1     | LS   | \$5,000.00                                       | \$5,000.00          |                                   |       |                    |       |                         |       |
| 19 Traffic Control, Incl. Steel Street Plates  | 1     | LS   | \$2,000.00                                       | \$2,000.00          |                                   |       |                    |       |                         |       |
| 20 Mobilization  | 1     | LS   | \$50,000.00                                      | \$50,000.00         |                                   |       |                    |       |                         |       |
| 21 McDonald's Night Work Allowance, (1 PM to 5 AM time restriction)                                | 1     | LS   | \$50,000.00                                      | \$50,000.00         |                                   |       |                    |       |                         |       |
| 22 Project Contingency Allowance, (if directed by Engineer)  | 1     | LS   | \$30,000.00                                      | \$30,000.00         |                                   |       |                    |       |                         |       |
| <b>TOTAL AMOUNT BID - Items 1 thru 22</b>  |       |      |  | <b>\$644,230.00</b> |                                   |       |                    |       |                         |       |

Notes: 1. Per Instructions to Bidders, Paragraph 12, Modification and Withdrawal of Bids, the Contractor requested adjustments to his original submitted bid prior to the bid opening deadline.

I hereby certify that the above Bid Tabulation is true and correct for the bids received by the City of Franklin, Tennessee on February 27, 2013 at 9:00 a.m. CST, and represents the bids for the West Main St. Water and Sewer Replacement Phase 2 project.

Michael L. Orr, P.E.  
 Date: 2/28/2013  
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