

RESOLUTION 16-170

A RESOLUTION TO APPROVE CHANGE ORDER #1 FOR MAIN STREET SEWER LINE INSTALLATION

WHEREAS, the City of Spring Hill approved the selection of Parchman Construction to extend the sewer line along Main Street; and

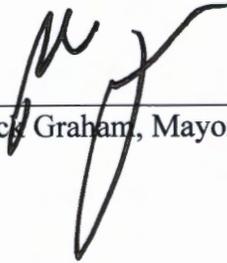
WHEREAS, contractor has submitted a change order #1 for an additional amount of \$11,913.40 to bore under a property owner's existing driveway to minimize damage; and

WHEREAS, staff recommends to pay the amended contract amount, as detailed below:

Original Contracted Amount:	\$233,125.65
Change Order #1 Amount:	\$ 11,913.40
Total Contract (with Change Order #1):	<u>\$245,039.05</u>

NOW, THEREFORE, BE IT RESOLVED, that the City of Spring Hill Board of Mayor and Aldermen approves Change Order #1 with Parchman Construction in the amount of \$11,913.40.

Passed and adopted by the Board of Mayor and Aldermen of the City of Spring Hill, Tennessee, on the 19th of December 2016.



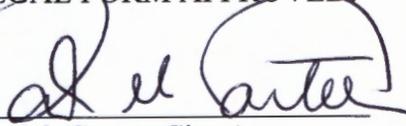
Rick Graham, Mayor

ATTEST:



April Goad, City Recorder

LEGAL FORM APPROVED:



Patrick Carter, City Attorney

SUBJECT: Change Order #1 for Main Street sewer line extension

DATE: November 30, 2016

ATTENTION: Board of Mayor and Aldermen

STAFF: Victor Lay, City Administrator



STAFF MEMORANDUM

The purpose of this memo is to provide information regarding a change order request from Parchman Construction for the Main Street sewer line extension

Background:

The City entered into a contract with Parchman Construction with Resolution 16-123 to extend the sewer line along Main Street to allow the removal of the existing lift station at Wall Street due to capacity needs. The extension will cross two properties that easements have been obtained for by the City. The project was bid to open cut the driveway belonging to Ms. Inez Harvey. However after further staking of the project, the contractor requests to bore under the driveway instead to minimize the potential damage to the brick gate monuments.

The budgeted amount for this project was \$450,000.00; contractor's original bid was \$233,125.65. With the change order request for \$11,913.40 the total contract amount would be \$245,039.05.

Staff Recommendation:

Staff recommends approval of the request.

MAIN STREET SEWER LINE CHANGE ORDER NO. 1 REQUEST

By: Jerome Dempsey (Dempsey, Dilling & Associates)

Date: 11/23/16

BACKGROUND:

I have been in discussions with the contractor on the Main Street Sewer Line project concerning the sewer line installation at Mrs. Harvey's driveway. The plans were developed and bid to open cut the driveway and install the sewer line. However, after further staking of the sewer alignment it appears it will be between the two sets of driveway gate monuments. We are concerned that the width and depth of the sewer line's excavated trench will impact the brick gate monuments and possibly damage them. I have asked the contractor to develop a change order summary to determine the additional cost to the project to bore & jack under the driveway with installation of a 20" diameter steel casing pipe to install the sewer line in. This would prevent any possible damage to the driveway gates and monuments. Attached is the cost break down as well as two photographs to show how close we are to the monuments.

The City obtained an 20' wide sewer line easement and temporary construction easements, across Mrs. Harvey's property at half the appraised cost. The sewer line easement is located 14.5 feet from Main Street's right-of-way which will allow for the future roadway section not to impact the location of the sewer line within the 20-foot easement. This width spacing between the existing right-of-way and the edge of the 20-foot easement will allow future acquisition of additional right-of-way to widen Main Street. This spacing pushed the sewer line up to the area of the driveway gates and monuments closer than originally planned.

Our estimated project cost prior to bidding was \$345,565.00. The low bid for this project was \$233,125.65 and the second lowest bid was \$297,918.85, a difference of \$64,793.20.

REQUEST:

This change order amount to the existing contract is \$11,913.40 and if approved would make the revised contract amount \$245,039.05.

CHANGE ORDER NO. 1

PROJECT: CITY OF SPRING HILL, TENNESSEE
MAIN STREET SEWER LINE

CONTRACTOR: PARCHMAN CONSTRUCTION COMPANY, INC.
695 HIGHWAY EAST 149
CUMBERLAND CITY, TENNESSEE 37050

DATE: November 23, 2016

DESCRIPTION:

CONSTRUCTION OF ACCESS ROAD

Original Contract Sum:	\$233,125.65
Contract Amount Increased by this Change Order:	<u>\$ 11,913.40</u>
Total Revised Contract Amount Including Change Order No. 1:	\$245,039.05

Notice To Proceed Date:	November 28, 2016
Contract Time:	90 calendar days
Contract Completion Date:	February 26, 2017
Requested Contract Extension:	-0- calendar days
Revised Contract Completion Date:	February 26, 2017

This Change Order is not valid approved by the City of Spring Hill and signed by Owner, Engineer and Contractor. Signature by the Contractor indicates his agreement herewith, including any adjustment in the Contract Sum and Contract Time.

City of Spring Hill, Tennessee
Owner

Dempsey, Dilling & Associates, P.C.
Engineer

By: _____

By: _____

Date: _____

Date: _____

Parchman Construction Company, Inc.
Contractor

By: _____

Date: _____

Request for CO # 1

Project Name: Main St Sewer Extension

Project Number: _____

Contractor Name: Parchman Construction Co., Inc.

Contract/Bid Number: _____

Costs per Original Plan

Original Bid Price					
12" SDR-26	LF	80	\$	47.52	\$ 3,801.60
Driveway Replacement	LF	36	\$	120.00	\$ 4,320.00
Landscape Replaced	LS	1	\$	500.00	\$ 500.00
					<u>\$ 8,621.60</u>

Add Bore @ Harvey Residence

Bore Driveway w/20" Steel Casing, 12" SDR-26, Includes Casing Spacers and End Seals (IN DIRT)					<u>\$ 20,535.00</u>
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Additional Costs \$ 11,913.40

Original Contract Amount		\$ 233,125.65
Adjust Contract		<u>\$ 11,913.40</u>
New Contract Amount		\$ 245,039.05
Original Contract Days		_____ days
Adjust Contract Days		_____ days ***
New Contract Days		_____ days





C 1135011 C-7A06

BASE BID SCHEDULE
MAIN STREET SEWER LINE EXTENSION AND PUMP STATION REMOVAL
ESTIMATED

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1.	Erosion Control	1	L.S.	<u>\$8,000.00</u>	<u>\$ 8,000.00</u>
2.	12" SDR 26 PVC Gravity Sewer Line				
a.	0'-4' Deep	0	L.F.	<u>\$75.00</u>	<u>\$ -</u>
b.	4'-6' Deep	949	L.F.	<u>\$80.00</u>	<u>\$ 75,920.00</u>
c.	6'-8' Deep	1,638	L.F.	<u>\$90.00</u>	<u>\$ 147,420.00</u>
d.	8'-10' Deep	335	L.F.	<u>\$95.00</u>	<u>\$ 31,825.00</u>
e.	10'-12' Deep	19	L.F.	<u>\$100.00</u>	<u>\$ 1,900.00</u>
f.	12'-14' Deep	0	L.F.	<u>\$110.00</u>	<u>\$ -</u>
g.	14'-16' Deep	0	L.F.	<u>\$125.00</u>	<u>\$ -</u>
3.	4' Diameter Manholes w/Castings				
a.	0'-4' Deep	0	Each	<u>\$3,000.00</u>	<u>\$ -</u>
b.	4'-6' Deep	2	Each	<u>\$3,500.00</u>	<u>\$ 7,000.00</u>
c.	6'-8' Deep	7	Each	<u>\$4,000.00</u>	<u>\$ 28,000.00</u>
d.	8'-10' Deep	1	Each	<u>\$4,500.00</u>	<u>\$ 4,500.00</u>
e.	10'-12' Deep	0	Each	<u>\$5,500.00</u>	<u>\$ -</u>
4.	Concrete Check Dams upstream of Manholes	11	Each	<u>\$2,500.00</u>	<u>\$ 27,500.00</u>
5	12" x 6" Sewer Service Tees with ten feet of 6" PVC service line, cap and marker (if instructed by engineer for future use, currently not shown on plans)	4	Each	<u>\$2,000.00</u>	<u>\$ 8,000.00</u>

6.	Conversion of existing wetwell to a manhole and demolition Of existing suction lift station (Includes removal and storage of pumps, remove fencing, odor control components, valve vault and valves, electrical service pole and meter, telemetry components, force main disconnect, plug force main and manhole connections) includes all clean up and restoration of lift station site, pavement removal, regrading and stabilization.	1	L.S.	<u>\$10,000.00</u>	<u>\$ 10,000.00</u>
7.	Connect To Existing Wetwell Including pouring base and forming inverts	1	L.S.	<u>\$3,500.00</u>	<u>\$ 3,500.00</u>
8.	Existing Concrete Driveway Repairs	73	L.F.	<u>\$ 75.00</u>	<u>\$ 5,475.00</u>
9.	Post Construction Sewer Line TV Inspection and Recording	2941	L.F.	<u>\$ 4.00</u>	<u>\$ 11,764.00</u>
TOTAL BASE BID				<u>\$</u>	<u>345,565.00</u>
					(Figures)

(Words)

BASE BID SCHEDULE
MAIN STREET SEWER LINE EXTENSION AND PUMP STATION REMOVAL

Bid Date: Aug 30, 2016
 City of Spring Hill, TN

ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT	Jarrett Builders		Bush Core Inc		Parchman Construction		John T Hall Construction	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1.	Erosion Control	1	L.S.	\$38,720.00	\$38,720.00	\$5,500.00	\$5,500.00	\$9,850.00	\$9,850.00	\$4,100.00	\$4,100.00
2.	12" SDR 26 PVC Gravity Sewer Line										
a.	0'-4' Deep	0	L.F.	\$77.00	\$0.00	\$0.00	\$0.00	\$31.00	\$0.00	\$65.00	\$0.00
b.	4'-6' Deep	949	L.F.	\$77.00	\$73,073.00	\$68.50	\$65,006.50	\$47.50	\$45,077.50	\$72.00	\$68,328.00
c.	6'-8' Deep	1,638	L.F.	\$81.00	\$132,678.00	\$70.50	\$115,479.00	\$47.50	\$77,805.00	\$85.00	\$139,230.00
d.	8'-10' Deep	335	L.F.	\$130.00	\$43,550.00	\$75.50	\$25,292.50	\$52.75	\$17,671.25	\$97.00	\$32,495.00
e.	10'-12' Deep	19	L.F.	\$153.00	\$2,907.00	\$78.50	\$1,491.50	\$76.50	\$1,453.50	\$102.00	\$1,938.00
f.	12'-14' Deep	0	L.F.	\$180.00	\$0.00	\$0.00	\$0.00	\$120.00	\$0.00	\$175.00	\$0.00
g.	14'-16' Deep	0	L.F.	\$210.00	\$0.00	\$0.00	\$0.00	\$140.00	\$0.00	\$185.00	\$0.00
3.	4' Diameter Manholes w/Castings										
a.	0'-4' Deep	0	Each	\$5,150.00	\$0.00	\$0.00	\$0.00	\$2,980.00	\$0.00	\$4,200.00	\$0.00
b.	4'-6' Deep	2	Each	\$5,150.00	\$10,300.00	\$3,000.00	\$6,000.00	\$2,980.00	\$5,960.00	\$4,200.00	\$8,400.00
c.	6'-8' Deep	7	Each	\$6,500.00	\$45,500.00	\$3,600.00	\$25,200.00	\$2,980.00	\$20,860.00	\$4,200.00	\$29,400.00
d.	8'-10' Deep	1	Each	\$9,250.00	\$9,250.00	\$4,200.00	\$4,200.00	\$2,980.00	\$2,980.00	\$4,200.00	\$4,200.00
e.	10'-12' Deep	0	Each	\$12,900.00	\$0.00	\$0.00	\$0.00	\$3,875.00	\$0.00	\$6,500.00	\$0.00
4.	Concrete Check Dams upstream of Manholes	11	Each	\$1,050.00	\$11,550.00	\$1,850.00	\$20,350.00	\$635.00	\$6,985.00	\$850.00	\$9,350.00
5.	12" x 6" Sewer Service Tees with ten feet of 6" PVC service line, cap and marker (if instructed by engineer for future use, currently not shown on plans)	4	Each	\$2,700.00	\$10,800.00	\$850.00	\$3,400.00	\$985.00	\$3,940.00	\$1,450.00	\$5,800.00
6.	Conversion of existing wetwell to a manhole and demolition Of existing suction lift station (Includes removal and storage of pumps, remove fencing, odor control components, valve vault and valves, electrical service pole and meter, telemetry components, force main disconnect, plug force main and manhole connections) includes all clean up and restoration of lift station site, pavement removal, regrading and stabilization.	1	L.S.	\$17,100.00	\$17,100.00	\$6,000.00	\$6,000.00	\$21,000.00	\$21,000.00	\$11,250.00	\$11,250.00
7.	Connect To Existing Wetwell Including pouring base and forming inverts	1	L.S.	\$10,500.00	\$10,500.00	\$8,000.00	\$8,000.00	\$3,725.00	\$3,725.00	\$4,400.00	\$4,400.00
8.	Existing Concrete Driveway Repairs	73	L.F.	\$113.00	\$8,249.00	\$68.49	\$4,999.77	\$120.00	\$8,760.00	\$65.00	\$4,745.00
9.	Post Construction Sewer Line TV Inspection and Recording	2,941	L.F.	\$3.00	\$8,823.00	\$2.38	\$6,999.58	\$2.40	\$7,058.40	\$2.50	\$7,352.50
TOTAL BASE BID					\$423,000.00		\$297,918.85		\$233,125.65		\$330,988.50

* corrected math errors