

**AMENDMENT NO. 4  
AGREEMENT FOR ENGINEERING SERVICES**

WHEREAS City of Cartersville Public Works (CLIENT) and Consolidated Technologies, Inc., dba CTI Engineers, Inc. (CTI) entered into an Agreement dated December 2, 2021, to perform professional services for the Leake Street and Erwin Street Drainage Improvements (hereinafter referred to as the project); and

WHEREAS the CLIENT and CTI entered into Amendment No. 1 dated October 6, 2022, whereby CTI was authorized to provide additional services relative to sanitary sewer design; and

WHEREAS the CLIENT and CTI entered into Amendment No. 2 dated February 1, 2024, whereby CTI was authorized to provide additional services relative to Construction Engineering and Inspection (CEI) Services aka Construction Administration and RPR Services for 120 days of on-site construction; and

WHEREAS the CLIENT and CTI entered into Amendment No. 3 dated August 28, 2024, whereby CTI was authorized to provide additional services relative to Construction Engineering and Inspection (CEI) Services aka Construction Administration and RPR Services from 120 days to 240 days to match Site Engineering's on-site construction timeline in their contract; and

WHEREAS the CLIENT now desires to engage CTI to perform additional services not authorized in the original agreement, said services being required to provide design assistance, negotiation and construction administration for a client requested Change Order 03 of Site Engineering's construction Contract, to design, negotiate, and oversee the addition of a retention wall and create a new grade to the Chamber of Commerce parking lot.

NOW, THEREFORE, the CLIENT and CTI do hereby agree as follows:

1. Appendix B – Scope of Services is amended to increase design, negotiation and construction oversight of requested change orders outside of the original scope of work.
2. The Schedule of Fees included with the original agreement shall be amended for the following: Amendment No. 2 compensation was for 120 days of CEI Services for \$72,000 (\$16,000 construction administration and \$56,000 RPR). Amendment No. 3 compensation was for 120 days of additional CEI Services to match the construction contract's 120-day extension, (\$39,473 construction administration and RPR). This Amendment No. 4 will add additional CEI Services for an additional **Nine-Thousand Nine-Hundred Nineteen Dollars and zero cents**, (\$9,919.00). A work task breakdown, manhour and fee estimate for this amendment is attached. Compensation for CEI services will be on a Lump Sum basis as defined in the original agreement.
3. All other portions of the original Agreement remain in force.

IN WITNESS WHEREOF, both parties have caused this Amendment No. 4 to be executed by their duly authorized representatives.

ACCEPTED BY CLIENT:

CITY OF CARTERSVILLE

BY \_\_\_\_\_

NAME \_\_\_\_\_

TITLE Owner, City of Cartersville

DATE \_\_\_\_\_

BY \_\_\_\_\_

NAME \_\_\_\_\_

TITLE Owner, City of Cartersville

DATE \_\_\_\_\_

ACCEPTED BY CTI:

CONSOLIDATED TECHNOLOGIES, INC.  
dba CTI ENGINEERS, INC.

BY  \_\_\_\_\_

NAME Philip R. Schofield, P.E.

TITLE Vice President

DATE 10/28/2024

**Erwin Street and Leake Street Drainage Improvements  
City of Cartersville, Public Works Department  
Work Task Breakdown/Manhour & Fee Estimate**

**Ammendment No. 4 Agreement For Engineering Services for CO 03 Chamber's Parking Lot**

CTI Contract Number: G21033

Year Work  
Occurs

Worktask Description

2024 Hourly Rates

<u>Senior</u>	<u>Proj.</u>	<u>Proj.</u>	<u>Engineer</u>	<u>Engineer</u>	<u>Drafter/</u>	<u>Const.</u>	<u>Clerical</u>	<u>Subs or</u>	<u>Sub-</u>	<u>Proposed</u>
<u>Manager</u>	<u>Engineer</u>	<u>Engineer</u>	<u>Intern</u>	<u>Tech.</u>	<u>Inspector</u>	<u>Clerical</u>	<u>Directs</u>	<u>Totals</u>	<u>Fee</u>	
207.00	162.00	166.00	143.00	103.00	104.00	98.00				

**I. BASIC SERVICES (LUMP SUM)**

<b>TOTAL - BASIC SERVICES</b>										<b>\$0</b>
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2024

**Construction Services**

1a	Pre-construction - Review Contractor Shop Drawing Submittals									\$0
	Pre-construction - Conduct Pre-construction Meeting with Contractor and Marietta Water									\$0
1c	Pre-construction - <i>Pre-construction Meeting Travel &amp; Mileage</i>									\$0
	Construction - Process Monthly Pay Requests (Est. 12 weeks or 3 months Construction Period)				10					\$1,430
2b	Construction - Process Change Order Requests			1	5					\$881
2c	Construction - Contract Management and Issue Mitigation			2	25					\$3,907
2d	Construction - Geotechnical Compaction Testing Subcontractor									\$0
	Construction - Coordination w/ Geotechnical Compaction Testing Subcontractor				3					\$429
3a	Post-construction - Final Walk-through Meeting w/ Contractor									\$0
3b	Post-construction - Creation of Punchlist Items									\$0
3c	Post-construction - <i>Final Walk-through Meeting Travel &amp; Mileage</i>									\$0
3d	Post-construction - Execution of Final Closeout Documents									\$0
<b>Sub-Total</b>		<b>0</b>	<b>0</b>	<b>3</b>	<b>43</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$6,647</b>

2024

**Construction Inspection**

1	Resident Project Representative (RPR) Inspection (20 hrs per week for 4 weeks + 15 hrs per week for 8 weeks)						10			\$1,040
2	Resident Project Representative (RPR) Creation of Daily Inspections Reports						10			\$1,040
3	Resident Project Representative (RPR) <i>Travel &amp; Mileage</i>						2			\$208
<b>Sub-Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22</b>	<b>0</b>	<b>\$0</b>	<b>\$2,288</b>

2024

**As-Built Submittal**

1	Compile As-Built Field Locations and Elevation of Water Main & Features				4	4				\$984
	Creation of AutoCAD DWG File and PDF for As-Built in accordance w/ Marietta GIS Submittal Requirements									\$0
3	Creation of Excel File of Hydrant Assets in accordance w/ Marietta GIS Submittal Requirements									\$0
4	<i>Publish As-Built Drawings &amp; Documents</i>									\$0
<b>Sub-Total</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$984</b>

<b>SUBTOTAL - SUPPLEMENTAL SERVICES</b>										<b>\$9,919</b>
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<b>ESTIMATED TOTAL</b>										<b>\$9,919</b>
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