



Action Requested/Required:

- Vote/Action Requested
- Discussion or Presentation Only
- Public Hearing
- Report Date: _____
- Hearing Date: _____
- Voting Date: _____

Department: Community Development **Presenter(s) & Title:** Bethany Watson
City Engineer

Agenda Item Title:

Discussion on Task Order 28 with Atkins for State Route 20 Widening - Butterworth Road to I-575 Water System Facilities SUE Verification and Preliminary Relocation Design (10%) in the amount of \$26,651.

Summary:

GDOT recently initiated contact with the City with Phase 1a of the State Route 20 Widening project. The proposed plan is to improve the section of State Route 20 from I-75 to I-55. For the City, this section involves SR20 between Butterworth Road and I-575, a length of roadway approximately 2.5 miles long, plus side road impacts. GDOT has asked the City to gather information regarding the existing City facilities shown on their roadway plans by comparing the plans to the record drawings and via field verification. Atkins has provided a proposal to verify City facilities within GDOT ROW along this project corridor, complete initial relocation design (10%), provide requests for any proposed easements, provide depth and conditions of existing facilities, and provide required GDOT letters related to the projects.

Budget Implications:

Budgeted? Yes No N/A
Total Cost of Project: \$ 26,651.00 Check if Estimated
Fund Source: General Fund Water & Sewer Sales Tax Other: _____

Staff Recommendations:

Staff recommends approval of Task Order 28 with Atkins for State Route 20 Widening - Butterworth Road to I-575 Water System Facilities SUE Verification and Preliminary Relocation Design (10%) in the amount of \$26,651.

Reviews:

Has this been reviewed by Management and Legal Counsel, if required? Yes No

Attachments:

Task Order 28
Proposal

THIS SERVES AS A SUPPLEMENTAL AGREEMENT made as of _____, between the **City of Canton, Georgia, (OWNER)** and **Atkins-North America, (Consultant)**.

Owner and **Consultant** have previously executed a Professional Services Agreement dated September 18, 2014 and amended on May 20, 2021 that defines general terms under which **Consultant** will furnish General Consulting Engineering Services and Project Engineering Services to **Owner**. **Owner** now wishes to engage **Consultant** to provide services in connection with the Project known as Task Order No. 28 – State Route 20 Widening – Butterworth Road to I-575 – Water System Facilities SUE Verification and Preliminary Relocation Design. The Scope of Services is defined in Attachment A.

The fee for these services will be a Time and Expense Amount as outlined in Exhibit A of the Professional Services Agreement. Payments will be made monthly in accordance with the number of hours worked by personnel of **Consultant**. The amount will be a not to exceed amount of Twenty-Six Thousand Six Hundred Fifty-one dollars (\$26,651.00).

IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement as of the day and year first above written.

Owner:
City of Canton

Consultant:
Atkins North America, Inc.

Bill Grant

By (Typed Name)

Mayor
Title

Title

Signature

Signature

Attest:

Attest:

Approved as to form

Robert M. Dyer
City of Canton
Attorney

Proposal for Engineering Services

State Route 20 Widening – Butterworth Road to I-575

Water System Facilities SUE Verification and Preliminary Relocation Design (10%)

Background

On Thursday, September 14, 2023, the Georgia DOT initiated contact with the City with their Phase 1a Request regarding their proposed plans to improve the section of State Route 20 from I-75 to I-575. For the City, this section involves SR 20 between Butterworth Road and I-575, a length of roadway approximately 2.5 miles long, plus side roads impacted. GDOT has asked the City to gather information regarding the existing water and sanitary sewer mains in the construction corridor and to verify the existing City facilities shown on their roadway plans by comparing the plans to the record drawings and via field verification. The letter from GDOT with this request for design information is attached.

Objectives/Scope of Services

To provide engineering and preliminary design services for the City of Canton in order to relocate the potable water mains and sanitary sewer lines in conflict with the planned roadway construction described above. This work will include:

1. Preparation of base plan sheets showing the proposed GDOT roadway alignment for SR 20, including the existing water mains and sanitary sewer lines as shown by their Subsurface Utility Engineering (SUE) design engineer.
2. Review and confirm or correct the information shown by the SUE engineer on the plans by comparison with GIS data, record drawings and field review.
3. Verify any existing utility easements currently owned by the City and show them on the plans. Provide GDOT with easement documentation to verify easement and to support rights to reimbursement for relocation of City facilities on these private easements.
4. Provide requests for any proposed easements that may be needed by the City for the relocation of any existing water mains.
5. Identify for GDOT any water main facilities that the City plans to retain along this construction corridor; Provide depth and condition and age of any water mains to be retained.
6. Submit any applicable bridge space requirements needed to hang relocated water mains on any new bridges that are part of the project. Include size, weight and location of proposed water main.
7. Provide required GDOT letters related to project such as No Cost Letter or No Conflict Letter, etc.
8. Provide a very preliminary alignment design (10%) showing the approximate location of proposed relocated facilities defining the need to use proposed slope/utility easements or the need for additional road right-of-way (RW). This enables GDOT to plan which slope easements need to be purchased for utilities to use. Indicate which side of the road/bridge the new City

facilities will be placed upon. Provide locations of potential sanitary sewer line crossings of SR 20.

The location and size of the proposed water mains shall be coordinated with the City based on the Master Plan for water system needs.

Engineering Fee

Attached is Exhibit A, showing the calculation of Atkins proposed engineering fee for this project as defined above. Based on the hours shown thereon and the current approved hourly rate schedule, the total fee is estimated to be **\$26,651**. This proposed fee will not be exceeded without prior approval by the City. The project will be invoiced based on hours and expenses. If the project is completed utilizing less hours than proposed, the total fee will be reduced accordingly. If severe revisions or other issues outside the control of Atkins results in a need for additional hours/fees, these additions will be submitted to the City for approval.

Subconsultants are not anticipated to be needed for this phase of the project. No sub-consultants will be employed without prior approval by the City. Please note that while the total for each task or Phase may be lower or higher than the subtotal shown for each task, the total for the project will not be exceeded without prior approval by the City.

Out of Scope Work

1. WM Relocation Design beyond initial 10% design as requested at this time
2. Showing the existing and proposed facilities on road cross-sections and drainage profiles
3. Erosion Control Design
4. Permitting Phase for Land Disturbance Permit, NPDES and Final GDOT Permit submittal
5. Bid Phase Services
6. Preparation of Bid Documents and Technical Specifications
7. Preparation of legal descriptions and full boundary surveys that may be required to acquire easements via condemnation.
8. Title Search (Legal) services for easements – Easements prepared shall utilize the property owners' names as shown by GDOT on the plans, with the assumption that the GDOT RW Department completed this title search.
9. Legal services, such as court appearances for condemnation of easements.
10. Stream Buffer Variance Submittals
11. PCN preparation for the USACOE
12. Geotechnical services- Compaction testing shall be included in the contract at the cost of the Contractor.
13. Environmental services such as wetlands delineation and stream buffer mitigation calculations. Wetlands shall be marked by GDOT on their road plans.
14. Construction Management and Daily Inspection Services are not included, as design must be complete to estimate the time needed for construction.
15. Record Drawings

This engineering task includes the completion of the required 10% preliminary design as requested currently by the Georgia DOT. Atkins will submit future proposals to the City to complete preliminary design (35%) and 2nd Submission design (65%), erosion control design, permitting and bid services. Then, after the final design is complete and before the bid, Atkins will submit a proposal for construction management services, including inspection if requested.

Primary Project Team Members

Project Director/PIC	Brian Bolick, PE	Atlanta, GA
Project Manager	Robert Bartlett, PE	Atlanta, GA
Project Engineer/CADD	Michael Thurmond, EIT	Atlanta, GA
QC Review	William Livingston, PE	Atlanta, GA
Project Quality Manager	David Turner, PE	Atlanta, GA

City of Canton, Georgia
 SR 20 Widening Potable Water and Sanitary Sewer Relocation
 Butterworth Road to I-575
 10% Plans - Prel. Design/GDOT Ph 1a Coordination and SUE Verification
 Engineering Cost Proposal

Task No.	Description	Sr. Project Manager	Program Director/PIC	Senior Prof. II	Project Director I	Estimated Hours	Estimated Cost
	<i>Labor Rate</i>	\$ 206	\$ 265	\$ 146	\$ 204		
1.0	Database Development and Preparation of Base Plan Sheets for Review and Preliminary Design (No Cross-Sections or Drainage)	14		32	-	46	
	Subtotal Hours	14	0	32	0	46	
	Subtotal Dollars	\$ 2,884	\$ -	\$ 4,672	\$ -		\$ 7,556
2.0	GDOT Submission #1a Design Services, incl: Very Preliminary Design Plans (10%) and Field Review of Existing Facilities, SUE - Approximately 8.1 Miles Plus Side Roads	26	3	32	6	67	
	Subtotal Hours	26	3	32	6	67	
	Subtotal Dollars	\$ 5,356	\$ 795	\$ 4,672	\$ 1,224		\$ 12,047
3.0	Preliminary Permitting Services, including: GDOT Coordination and Management Permitting Process, including coordination meetings	20		18		38	
	Subtotal Hours	20	0	18	0	38	
	Subtotal Dollars	\$ 4,120	\$ -	\$ 2,628	\$ -		\$ 6,748
4.0	Direct Expenses (Mileage, etc.)						\$ 300
PROJECT TOTALS		\$ 12,360	\$ 795	\$ 11,972	\$ 1,224		\$ 26,651



Russell R. McMurry, P.E., Commissioner
One Georgia Center
600 West Peachtree Street, NW
Atlanta, GA 30308
(404) 631-1000 Main Office

9/14/2023

P.I. # 0007836, Cherokee County

Project Description: SR 20 FROM I-75 to I-575/Cherokee (Phase 1 from Station 0+00 to 240+00) and (Phase 2 from Station 240+00 to 465+00)

Ref: OCGA 32-6-170 & 171 - Request for Project Information
URPN #1a – Overhead/Subsurface Utilities Engineering (SUE) Information to Utilities for Review

Ladies and Gentlemen:

Electronic files of the accepted SUE plans for the above referenced project have been placed on the Projectwise Deliverables Management site for your use. The existing utility facilities were marked for the Department by the SUE Firm T2 Utility Engineers. Once the plans have been downloaded from ProjectWise the Department requests acknowledgment of receipt of these plans (in writing) within 5 days via email. This request is for the first two phases (Phase 1 from Station 0+00 to 240+00) and (Phase 2 from Station 240+00 to 465+00). There are a total of 4 phases and the other phases will be requested at a later date.

It is requested that you provide the Department with a complete package of all applicable items listed below. Please follow the “**Plans Transfer Procedures for Utility Submissions**” which can be found via:

<http://www.dot.ga.gov/PartnerSmart/utilities/Documents/EPT/PlanTransfer-ProceduresForUtilitySubmissions.pdf>

- **Review the existing facilities** as shown on the SUE plans. See the **GDOT SUE “Review for Discrepancies” Process** contained herein.
- **Verify any Utility Easement(s)** currently owned OR any applicable Utility Easement(s) requested in writing for the Department to acquire on behalf of the Utility Company are appropriately shown on the plans.

Note: If easements are not shown at all and/or incorrectly, please contact the District Utilities Manager immediately for resolution.

Unless otherwise indicated, the Department will assume a 30-foot clearing width for aerial facilities. If additional clearing widths are expected, please provide this information with the preliminary relocation plans.

- **Indicate if retention is anticipated for existing underground facilities** in the response for preliminary relocations. Include a retention request for the facilities identified.
 - Clearly identify facilities to be retained on the plans
 - Include the depth and condition of facilities to be retained if possible

- **Submit any applicable bridge space requirements** for your facilities in writing by the requested date below.
 - Indicate the size, weight, and location of the proposed facilities
 - Fully detail the method of attachment to the bridge

- **Submit any applicable letter or request** as outlined in the [Utility Accommodation Policy and Standards Manual](#), current edition
 - Letter of “NO COST”
 - Letter of “NO CONFLICT”
 - Request to include facilities in the Department’s Contract OR Cost Estimate
 - If claiming a compensable property interest/prior rights, provide supporting easement documentation

Please return the complete package no later than **October 30,2023** (45) days from the date of this letter) to the following address:

Georgia Department of Transportation
Attn: [Chance Baxley]
District Utilities Manager, [Jennifer Deems]
District 6, GA Department of Transportation
Email: [JDeems@dot.ga.gov]

If you have any questions or need additional information concerning this project, please contact:

Chance Baxley at (478) 464 9911.

Sincerely,

Grant Waldrop

Grant Waldrop, P.E.
District Engineer

JLD

By: Jennifer Deems
District Utilities Manager

cc:

Nicholas Fields, State Utilities Administrator (*via: e-mail*)
Marcela Coll, Utilities Preconstruction Manager (*via: e-mail*)
Ruth Solomon-Roberson, Project Manager (*via: e-mail*)
Jennifer Deems, District Utilities Manager (*via e-mail*)

DISTRIBUTION:

ATT DISTRIBUTION (ATT) – TELECOMMUNICATION
CONTACT: JODY STEPHENS
101 PYRON CT. CARTERSVILLE, GA 30121
TEL.NO.: (678)641-5522

ELLIJAY TELEPHONE COMPANY (ETC) – TELECOMMUNICATION
CONTACT: FRANKIE REARDON
224 DALTON ST
ELLIJAY, GA 30540
TEL.NO.: (706) 697-5580

CROWN CASTLE (CRC) – TELECOMMUNICATION
CONTACT: KELLY KLINEFELTER
1500 CORPORATE DR
CANONSBURG, PA 15317
TEL.NO: (724) 743-6085

WINDSTREAM (WS) – TELECOMMUNICATION
CONTACT: LISA ZINGULA
906 VISTA DRIVE
DALTON, GA 30721
TEL.NO.: (800) 289-1901

GEORGIA POWER (GP) –ELECTRIC DISTRIBUTION
CONTACT: Scott McCarley
755 JEFFERSON ST
ATLANTA, GA 30318
TEL.NO.: (404) 954-4554

DALTON UTILITIES (DU) – ELECTRIC TRANSMISSION
CONTACT: JEREMY TALLEY
1200 VD PARROTT PARKWAY
DALTON, GA, 30720
TEL.NO.: (706) 529-1193

AMICALOLA EMC (AEMC) – ELECTRIC DISTRIBUTION
CONTACT: KENNETH JONES
544 GEORGIA 515
JASPER, GA 30143
TEL.NO.: (706) 253-5200

BARTOW COUNTY WATER (BCW) – WATER
CONTACT: LAMONT KISER
50 NELSON ST
CARTERSVILLE, GA 30120
(770) 607-6253

CITY OF CANTON WATER AND SEWER
CONTACT: David Hatabian
110 ACADEMY STREET CANTON. GA 30114
TEL.NO (678) 333 -1057
David.hatabian@cantonga.gov

ATLANTA GAS LIGHT (AGL)-GAS
CONTACT: REGGIE TERRELL
10 PEACHTREE PLACE, NE ATLANTA, GA 30309
TEL NO. (404) 584-4126

VERIZON BUSINESS-TELECOMMUNICATION
CONTACT : ASH BELAVADI
1 VERIZON PLACE
ALPHARETTA, GA 30004
TEL. NO: (678) 259-5284

ZAYO FIBER SOLUTIONS (ZFS)-TELECOM
CONTACT: Gillian Leythem
222 WALKER COUNTY IND. BLVD.
LAFAYETTE, GA 30728
TEL. NO: (865) 389-4000

GA DOT TRAFFIC CONTROL
CONTACT: JASON EVANS
TEL. NO. (678) 721 5289
JEVANS@DOT.GA.GOV

COMCAST (CC)-CABLE TV
CONTACT: Jody Childers
35 PEACHTREE ST,NW
NORCROSS, GA 30071
EL.NO. (678) 708-7112

GA POWER TRANSMISSION
CONTACT: MELISSA WHEELER BLACK
3100 KILOWATT DRIVE
SAVANNAH, GA 31405
TEL. NO. (678) 464-3242

GA Power Transmission
CONTACT: ANGELICA HERNANDEZ
ANGHERNA@SOUTERNCO.COM

ATKINS : CONSULTANT FOR
BARTOW COUNTY WATER AND CITY
OF CANTON
CONTACT: ROBERT BARTLETT
ROBERT.BARTLETT@ATKINGLOBAL.COM

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VSMCCARL@SOUTHERNCO.COM
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JOETALLEY@DUTIL.COM

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CONTACT: BETHANY WATSON
Tel. No. (678) 333-1057
BETHANY.WATSON@CANTONGA.GOV

BARTOW COUNTY WATER (BCW) – WATER
CONTACT: JAMES CAMPBELL
CAMPBELLJ@BARTOWCOUNTYGA.GOV
(770) 607-6253

AGL
CONTACT: WILLIAM WIERS
WWEIERS@SOUTHERNCO

ELLIJAY TELEPHONE COMPANY (ETC) – TELECOMMUNICATION
CONTACT: ROBERT TURNER
FALCONRED73@GMAIL.COM

WINDSTREAM (WS) – TELECOMMUNICATION
CONTACT: DRACE FARRELL
DRACE.A.FARRELL@WINDSTREAM.COM

AMICALOLA EMC (AEMC) – ELECTRIC DISTRIBUTION
CONTACT: CODY McFARLAND
CODYM@AMICALAEMC.COM

GDOT SUE “Review for Discrepancies” Process

“Review for Discrepancies”:

When you are in receipt of SUE information from GDOT, review the general locations of the aerial and underground information provided in the SUE plans

- 1) Provide comments or mark-ups if there is any missing and/or incorrect information – See “**Discrepancies**” below
 - a. DO NOT provide any other existing utility information unless specifically requested – See “For Utilities added **AFTER** the time of SUE” below
- 2) For underground facilities only, also review the number of facilities, the kind and type (material/type), and the sizes shown on the SUE information
 - a. Provide comments or mark-ups if there is any missing and/or incorrect information – See “Discrepancies” below
- 3) No depth information is required in the plans returned to the District Utilities Office

Discrepancies:

If you find any discrepancies between your company’s information and the SUE information, **immediately notify the District Utilities Office**, via letter or email, of your findings.

- **The GDOT SUE Consultant is responsible for resolving and correcting all discrepancies.**
- The Utility Owner will need to provide mark-ups for any missing and/or incorrect information
 - The Utility Owner may provide the District with a dgn file showing the discrepancies
 - The dgn file must follow the GDOT EDG for level names and line codes
 - In this case only, the file name is up to the Utility Owner
- The District will provide this information to the GDOT SUE Office
- The GDOT SUE Office will provide to the responsible SUE Consultant for further investigation

No Discrepancies:

After the SUE information has been reviewed, notify the District Utilities Office, via letter or email, stating that you have no comments. A non-response will be viewed as having no comments.

ELECTRONIC FILES: The following is a brief explanation of the uses of the various electronic files. Electronic files will be provided to the Utility Owners by the Department. If electronic files are not used by the Utility Owner, hard-copy markups must be provided. All work must be to GDOT standards and per the “Plans Transfer Procedures for Utility Submissions” guidelines.

1. UTLE: This is the file where the Existing Utilities are shown
 - a. Since SUE takes the place of 1st Submission to the Utility Owners, the GDOT SUE Consultant will be responsible for creating the UTLE file and showing the existing utilities
 - b. The UTLE will be provided to the Utility Owners for review as mentioned above
 - i. The Utility Owners should NOT provide any other existing utility information unless specifically requested – See “For Utilities added **AFTER** the time of SUE” below
2. UTLP: This is the file where the Proposed Utilities are shown
 - a. To be used at 1st submission for requested preliminary relocations
 - b. To be used at 2nd Submission for the proposed/temporary relocations

For Utilities added AFTER the time of SUE:

- Please note that the SUE information is time specific
- The SUE information will not show existing facilities that were installed **AFTER** the time of the SUE investigation
- The Utility Owner will be responsible for adding any existing facilities installed **AFTER** the time of the SUE investigation into the UTLE, a pdf, or a hard copy per the “Plans Transfer Procedures for Utility Submissions” guidelines. Include sufficient notes and the date of installation.
- These files will be provided by the District prior to 2nd Submission