

To: Steve Rapson  
Through: Ted L. Burgess *TJ*  
From: Sherry White *SW*  
Date: September 13, 2023  
Subject: Contract #2298-A: Traffic Signal - Flat Creek @ Tyrone Rd

The Purchasing Department issued Request for Quote #2298-A to secure a contractor to upgrade the traffic signal at Flat Creek and Tyrone Road. Notice of the opportunity was emailed to 28 companies. Another 88 were contacted through the web-based Georgia Procurement Registry, who had registered under commodity code # 96882 (Traffic Signal Installation) and #96883 (Traffic Signal Maintenance and Repair). The offer was also advertised through Georgia Local Government Access Marketplace, and the county website.

Two companies attend the mandatory pre-quote meeting. One company submitted a quote (Attachment 1). The other company opted out due to scheduling unavailability.

The Road Department recommends Lumin8 Transportation Technologies, LLC. This company has contracted with the county in the past for traffic signal maintenance only, so a Contractor Performance Evaluation is not attached. A positive response from their references were received.

Specifics of the proposed contract are as follows:

<b>Contract Name</b>	#2298-A: Traffic Signal - Flat Creek @ Tyrone Rd
<b>Contractor</b>	Lumin8 Transportation Technologies, LLC
<b>Contract Amount</b>	\$107,595.00
<b>Budget:</b>	<i>Analysis similar Proj. favorable</i>
Fund	322 2017SPLOST
Org Code	40220 Road SPLOST
Object	541210 Other Improvements
Project	21TAB Tyrone Rd & Flat Creek Intersection
Available	\$2,119,606.06 as of 9/13/23

Approved by: 

Date: 9/13/23

Placed on Administrator's Report? Yes No

Placed on Agenda Dated: \_\_\_\_\_

**PRICING SHEET**  
**RFQ #2298-A Traffic Signal - Flat Creek @ Tyrone Rd**

Responder agrees to perform all the work described in the Contract documents for the following price:

DESCRIPTION	UNIT	TOTAL
TWO (2) 4-WAY SEMI ACTUATED SIGNAL HEADS, EQUIPMENT, AND INSTALLATION	LUMP SUM	\$10,790.00
TRAFFIC CABINET EQUIPMENT & BASE, INSTALLATION AND PROGRAMMING	LUMP SUM	\$45,265.00
INSTALL TWO (2) 6X6 PRESENCE DETECTION AT STOP BAR	LUMP SUM	\$10,745.00
INSTALL TWO (2) 6X40 SETBACK DETECTION ON TYRONE RD	LUMP SUM	\$20,795.00
INSTALLATION OF 1/4" STRAND AND 3 PAIR TO 4 APPROACHES	LUMP SUM	\$8,025.00
SIGNAL TIMING	LUMP SUM	\$5,225.00
TRAFFIC CONTROL	LUMP SUM	\$6,750.00
<b>TOTAL PROJECT AMOUNT</b>		<b>\$107,595.00</b>

**NOTES:**

1. All applicable charges shall be included in your total quoted amount, including but not limited to materials, equipment, installation, labor, and any other amounts. No additional charges will be allowed after the quote received by date.
2. All warranties shall be included in your total quoted amount.
3. **DETAILED MATERIAL LIST OF ALL MATERIALS THAT WILL BE USED ON THIS PROJECT IS REQUIRED TO BE SUBMITTED ALONG WITH THE ABOVE PRICING SHEET.**

State time needed to commence work after notice to proceed is issued 180\* Days.

State length of time needed to complete project 30 Days.

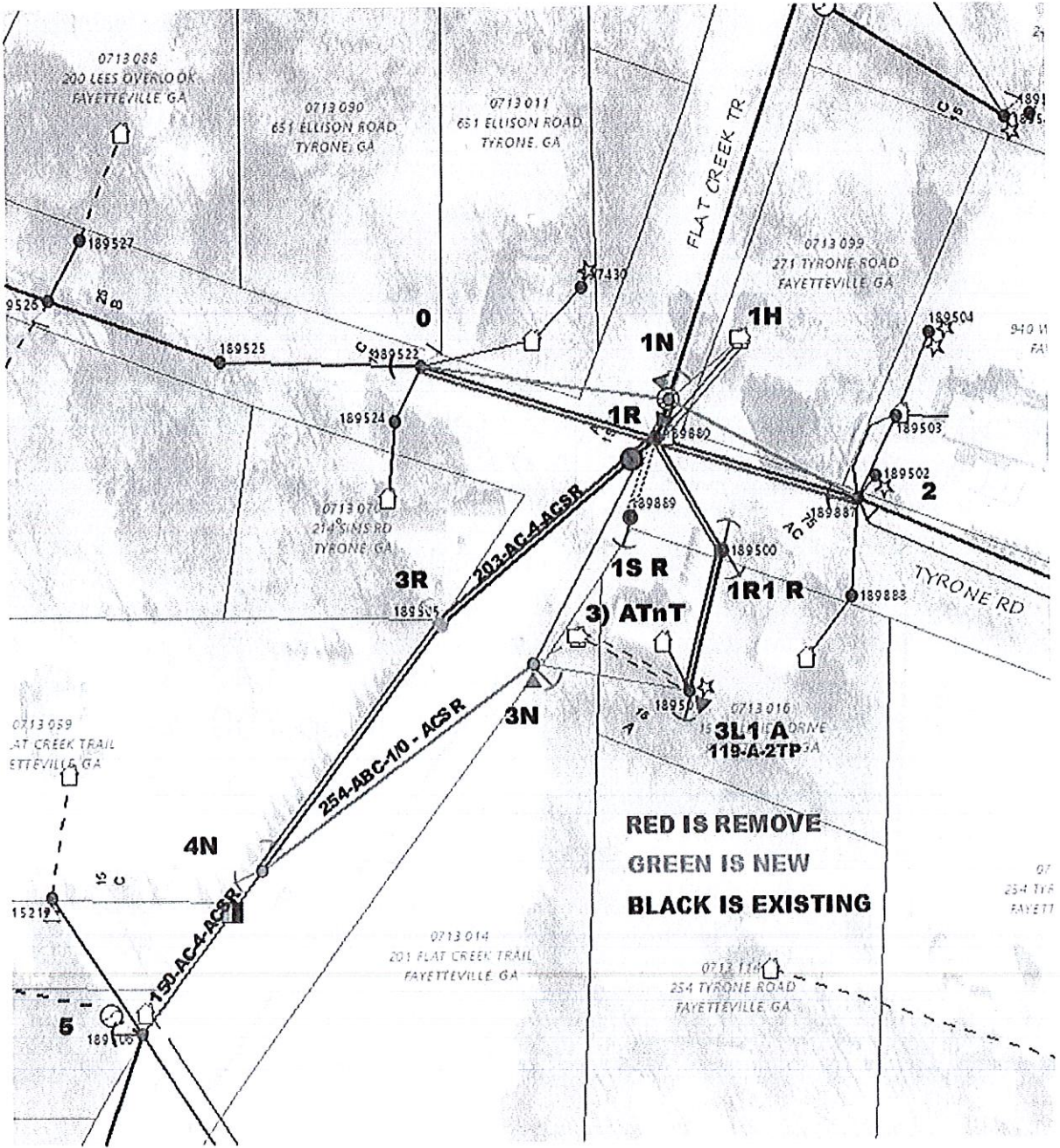
State, list or attach the terms of your warranty: \_\_\_\_\_

Lumin8 warranties all work for two years and material warranties are specified by vendor/manufacturer.

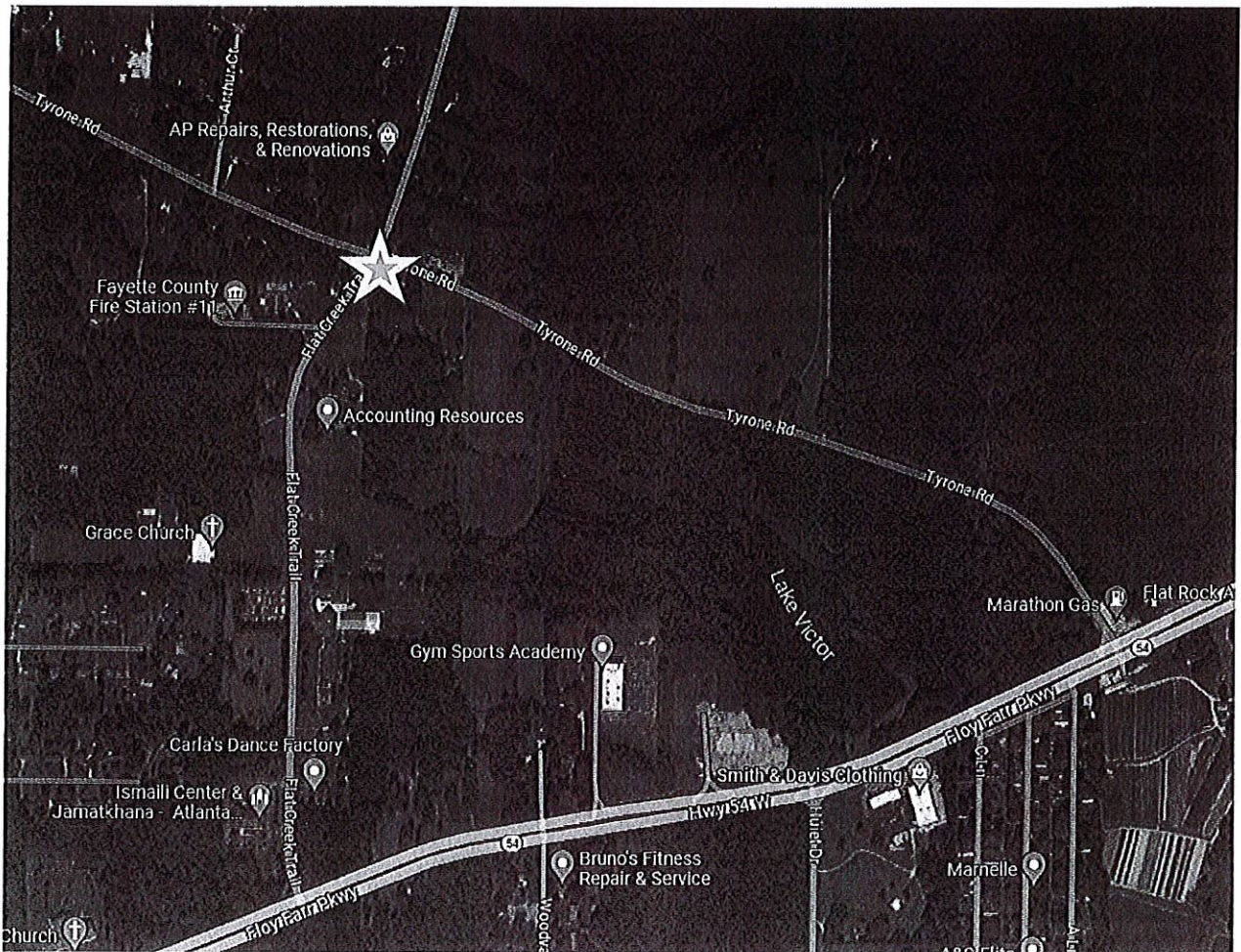
COMPANY NAME: Lumin8 Transportation Technologies, LLC



Below is the current Coweta/Fayette EMC utility plan for relocation of existing lines and installation of a new utility poles.







- The Contractor shall locate underground utilities in the vicinity of the signal, conduit, and pull boxes before installation. The Contractor shall adhere to the Call BEFORE YOU DIG Law by calling 811 before beginning construction.
- Signal heads shall be erected to provide at least 17 feet clearance from the bottom of signal heads to top of road surface and a minimum 8 feet measured horizontally between centers of signal heads.
- The Contractor shall be responsible for all new guys on existing utility poles when attaching span wire or interconnect cable to the poles unless otherwise directed by the utility pole owner.
- The Contractor shall be responsible for all maintenance and maintain control of the signal until final acceptance of the signal by Fayette County.
- 12-inch traffic signal heads are required with LED (ITE Standard) modules and retro-reflective backplates.
- Grounding shall be 5 ohms or less.
- Connect power service to the cabinet with 1-inch rigid conduit and riser.
- The Contractor shall determine the materials and quantities required for the complete and accepted installation.
- The signal Contractor is responsible for relocations of any fiber optic cables associated with the project, including power service to the signal equipment.





## SPECIFICATIONS OF WORK

- All work shall be performed in accordance with GDOT Standards and Specification.
- All equipment and materials shall be on the GDOT approved Qualified Product List (QPL). Contractor shall submit a detailed material list of all materials that will be used.
- The Contractor shall follow MUTCD standards for traffic control and lane closures while working in the County's right-of-way.
- All workers associated with traffic control (e.g., flaggers) shall have appropriate and current certifications.
- Work hours are Monday thru Saturday 8:00 am to 5:00 pm unless otherwise approved, in writing, by the Fayette County Road Department.
- Contractor shall install traffic signal cabinet and two (2) 4-way traffic signal heads.
- Contractor shall install setback detection for Tyrone Road (45 mph posted speed) and install presence detection at stop bar for Flat Creek Trail.
- Contractor shall warranty their work and materials for 2 years.
- Contractor will be responsible for setting signal timing for each direction on this signal.
- The Contractor and/or subcontractor shall be GDOT prequalified in Work Classes 150-Traffic Control and 647 Traffic Signal Installation.
- The complete signal installation, modification and/or rebuild shall conform to all appropriate parts of the MUTCD, current edition, including subsequent published rulings.







## SCOPE AND SPECIFICATION

### RFQ #2298-A Traffic Signal - Flat Creek @ Tyrone Rd

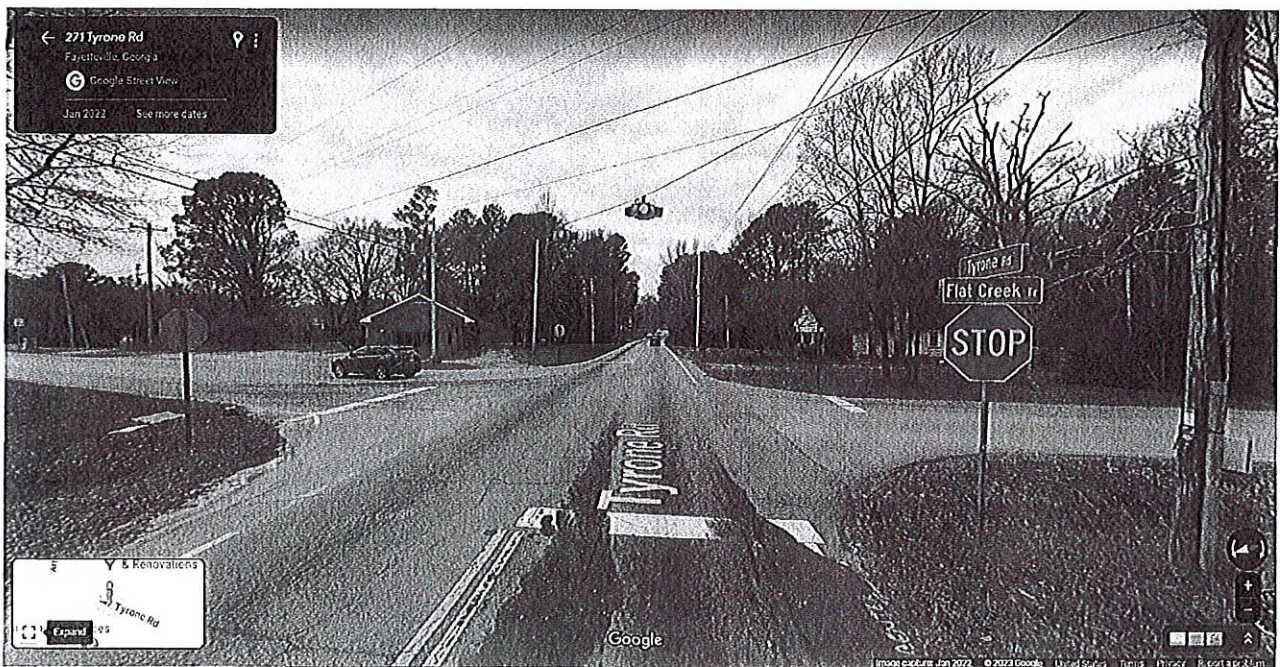
#### INTRODUCTION

Fayette County is seeking quotes from a GDOT Qualified Signal Contractor to replace an existing four-way flasher with a semi actuated traffic signal on Tyrone Road at Flat Creek Trail in Fayette County. The intent of the project is to alleviate congestion on Tyrone Road during the AM and PM peak hours. The traffic signal shall use the existing poles on-site. Setback and presence detection loops shall be placed on Tyrone Road and Flat Creek Trail, respectively, to maintain greenlight on Tyrone Road except when a vehicle is present for a minimum set time on Flat Creek Trail.

All quotes must include labor, material, equipment, signal timing, and traffic control needed to complete the project.

#### SCOPE OF WORK

Work includes replacing the existing flasher signals with traditional two (2) EA 4-way signal heads using the existing strain pole/span infrastructure supporting the existing flasher signals. Quote shall include cost for all signal equipment & materials (cabinet & base, span, GRS risers, cabling, pullbox, etc.), signal timing, and installation of traffic loops.





**Contractor Affidavit under O.C.G.A. § 13-10-91(b)(I)**

The undersigned contractor ("Contractor") executes this Affidavit to comply with O.C.G.A § 13-10-91 related any contract to which Contractor is a party that is subject to O.C.G.A. § 13-10-91 and hereby verifies its compliance with O.C.G.A. § 13-10-91, attesting as follows:

- a) The Contractor has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program;
- b) The Contractor will continue to use the federal work authorization program throughout the contract period, including any renewal or extension thereof;
- c) The Contractor will notify the public employer in the event the Contractor ceases to utilize the federal work authorization program during the contract period, including renewals or extensions thereof;
- d) The Contractor understands that ceasing to utilize the federal work authorization program constitutes a material breach of Contract;
- e) The Contractor will contract for the performance of services in satisfaction of such contract only with subcontractors who present an affidavit to the Contractor with the information required by O.C.G.A. § 13-10-91(a), (b), and (c);
- f) The Contractor acknowledges and agrees that this Affidavit shall be incorporated into any contract(s) subject to the provisions of O.C.G.A. § 13-10- 91 for the project listed below to which Contractor is a party after the date hereof without further action or consent by Contractor; and
- g) Contractor acknowledges its responsibility to submit copies of any affidavits, drivers' licenses, and identification cards required pursuant to O.C.G.A. § 13-10-91 to the public employer within five business days of receipt.

31549

Federal Work Authorization User Identification Number

12/07/2020

Date of Authorization

Lumin8 Transportation Technologies, LLC

Name of Contractor

#2298-A Traffic Signal - Flat Creek @ Tyrone Rd

Name of Project

Fayette County, Georgia

Name of Public Employer

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on September 08, 20 23 in Marietta (city), GA (state).

Curtis Powell

Signature of Authorized Officer or Agent

Curtis Powell, Lead Estimator

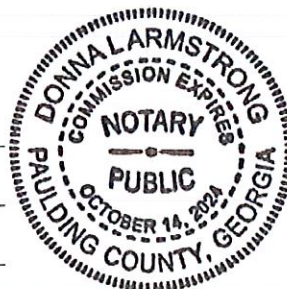
Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME  
ON THIS THE 08 DAY OF September, 20 23

Donna L Armstrong

NOTARY PUBLIC

My Commission Expires: 10/14/2024





**GEORGIA DEPARTMENT OF TRANSPORTATION (GDOT)  
CONTRACTORS AND SUBCONTRACTORS  
PREQUALIFICATION TABLE**

**RFQ #2298-A Traffic Signal - Flat Creek @ Tyrone Rd**

<b>WORK CLASS</b>	<b>DESCRIPTION</b>	<b>GDOT VENDOR NAME</b>	<b>GDOT VENDOR ID</b>
150	Traffic Control	Lumin8 Transportation Technologies, LLC	17304
647	Traffic Signal Installation.	Lumin8 Transportation Technologies, LLC	17304

<b>NAME OF SUBCONTRACTOR</b>	<b>WORK CLASS</b>



**REFERENCES**  
**RFQ #2298-A Traffic Signal - Flat Creek @ Tyrone Rd**

Please list three (3) references for current or recent customers who can verify the quality of service your company provides. Projects of similar size and scope are preferable.

1. Government/Company Name City of Sandy Springs  
City & State Sandy Springs, Georgia  
Work or Service Provided Maintenance and Construction  
Approximate Completion Date 2025  
Contact Person and Title Kristen Wescott  
Phone (770) 730-5600 Email KWescott@sandyspringsga.gov

2. Government/Company Name Cobb County Dept. of Transportation  
City & State Marietta, Georgia  
Work or Service Provided Maintenance and Construction  
Approximate Completion Date 2024  
Contact Person and Title Brook Martin  
Phone (770) 528-4065 Email Michael.Martin@cobbcounty.org

3. Government/Company Name GDOT  
City & State Atlanta, Georgia  
Work or Service Provided Maintenance and Construction  
Approximate Completion Date 2024  
Contact Person and Title Aaron Steede  
Phone (678) 283-8821 Email asteede@dot.ga.gov

**COMPANY NAME:** Lumin8 Transportation Technologies, LLC



**COMPANY INFORMATION**  
**RFQ #2298-A Traffic Signal - Flat Creek @ Tyrone Rd**

**A. COMPANY**

Company Name: Lumin8 Transportation Technologies, LLC

Physical Address: 27 N. Fairground Street

Marietta, GA 30060

Mailing Address (if different): \_\_\_\_\_

Website (if applicable): www.lumin8.com

**B. AUTHORIZED REPRESENTATIVE**

Signature: *Curtis Powell*

Printed or Typed Name: Curtis Powell

Title: Lead Estimator

E-mail Address: cpowell@lumin8.com

Phone Number: 770-732-0054

**C. PROJECT CONTACT PERSON**

Name: Howard Godwin

Title: Director of Construction

E-mail Address: hgodwin@lumin8.com

Phone Number: 770-732-0054

## Checklist of Required Documents

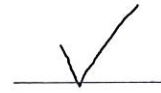
*(Be Sure to Return This Checklist and  
the Required Documents in the order listed below)*

### RFQ #2298-A Traffic Signal - Flat Creek @ Tyrone Rd

Company information – on the form provided



Contractor Affidavit under O.C.G.A. § 13-10-91(b)(1)



Pricing sheet



List of exceptions, if any – on the form provided



References – on form provided



Addenda, signed, if any are issued



GDOT Contractor & Subcontractor Prequalification Table



Detailed Material List



COMPANY NAME: Lumin8 Transportation Technologies, LLC



**EXCEPTIONS TO SPECIFICATIONS**  
**RFQ #2298-A Traffic Signal - Flat Creek @ Tyrone Rd**

Please list below any exceptions or clarifications to the specifications of this bid. Explain any exceptions in full.

\*Start time is extended to ensure lead times for delivery of materials.  
Work will commence upon receipt of materials.

The 6X6 loops are called out as presence when they should be specified as setbacks. They are not located at the stopbar and should be located on Tyrone Road.

The 6X40 loops are called out as setbacks when they should be specified as presence. They should be located at the stop bar and should be located on Flat Creek Trail.

The 1/4" strand should be specified as 3/8" strand due to it being the actual signal span cable. The 1/4" strand is used for aerial lead-in runs per GDOT specifications.

COMPANY NAME: Lumin8 Transportation Technologies, LLC

September 6, 2023

**Subject: RFQ #2298-A: Traffic Signal - Flat Creek @ Tyrone Rd  
Addendum #1**

Gentlemen/Ladies:

Below, please find responses to questions, clarification, or additional information for the above referenced Request for Quote. You will need to consider this information when preparing your quote.

- 1. Do we need to include a sketch of our work?**  
Yes, contractor will add a sketch of their work to the quote documents.
- 2. Where do you want the cabinet?**  
On the southeast corner of the intersection.
- 3. Do we need to include a new pole at the southeast corner?**  
No, EMC will be replacing the pole.
- 4. Four loops are needed where would you like them placed?**  
Two at the stop bars on Flat Creek Road and two set back on Tyrone Road.
- 5. Was a traffic study conducted for the intersection? Can the contractor have the data to create timing schedules?**  
Yes, please see the attached document.
- 6. Will any striping be performed?**  
Yes, striping will be performed in house.
- 7. Will the stop signs be removed?**  
Yes, Fayette County will remove the stop signs.
- 8. Will the contract need to install message boards?**  
No, the county will provide notification to the area.
- 9. Is there any pedestrian crossing to consider?**  
Pedestrian crossings are not required as part of this project.
- 10. Will Fayette County accept a 336 cabinet in lieu of a 332 cabinet?**  
Yes, a 336 cabinet is acceptable.
- 11. Does the county have a preference on how the inductance loop lead-ins are installed?**  
The loop lead-ins shall be underground. It is Contractor's choice if they are trenched or bored.



**12. Who owns the poles on the right-of-way of Tyrone Road? If loop lead-in is to go aerially, then coordination may need to take place between contractor and pole owner.**

The metal pole is owned by the county, the other shared pole is owned by Coweta/Fayette EMC.

**13. How much right-of-way does County have from centerline of roadway?**

The County right-of-way on Flat Creek Trail is 80 feet from centerline.

**14. Is pole 1SR (189889) to be removed?**

For bidding purposes, assume the pole will be removed. It is owned by Coweta/Fayette EMC and they will have final decision on if it removed.

**15. Is there a timeframe expected for completion of this contract?**

All work should be completed within 120 days of having a NTP from Fayette County and the new pole being set.

Received by (Name): Curtis Powell Company Lumin8 Transportation Technologies, LLC

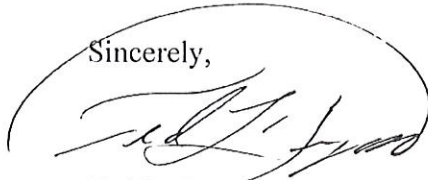
Note: If this addendum is not returned to the Fayette County Purchasing Department or if it is returned not signed, responding individuals, companies or other organizations will still be responsible for the requirements of this addendum and the specifications or changes herein.

The opening date for this RFQ has not changed. **The opening time and date are 3:00p.m., Friday, September 8, 2023.** Quotes must be received by the Purchasing Department at the address above, Suite 204, at or before the opening date and time.

The deadline for inquiries has passed, so the Purchasing Department will not be able to accept any additional questions after this time.

If you have questions, please contact Sherry White, Contract Administrator at (770) 305-5314, fax (770) 719-5544 or email at [swhite@fayettecountyga.gov](mailto:swhite@fayettecountyga.gov).

Sincerely,



Ted L. Burgess  
Director of Purchasing

# UTILICOM

## SUPPLY ASSOCIATES

4400 Shackleford Road  
Norcross GA 30093  
P: 404-298-7700 F: 404-298-8810

Customer ID	Purchase Order Number	Inside Sales	Salesperson		
C001006	Fayette County	Eric Garza	Lumin8		
Due Date	Ship Via		Terms	Currency	
10/06/23			Net 30	US Dollars	
QUANTITY ORDER	ITEM NUMBER	DESCRIPTION	UNIT PRICE	U/M	AMOUNT
Fayette County					
	DOT INTERSECTION	Tyrone Rd & Flat Creek Tr		ea	
	CAB-332L	332L GDOT Cabinet, Natural, w/ Aux File, (18) Loadswitch 200 (SSS-88), (1) 242L DC Isolator, (1) CMU + (2) 204 FLASHER (SSF-88), (7) 430 FTRs, Mccain 2070LX Controller WITH NO CPU		ea	
	MCCAIN-2070-NOCPU			ea	
	INTELIGHTYCT1-CCPU	Intelight 2070-1-C CPU Module *Make sure unit has been tested for Maxtime		ea	
	EDI242-L	DC Isolator		ea	
	121W3SSHBLK	GDOT Spec 242L as if 8-2016		ea	
	PELSE5089-P33	MCCAIN 3 Section Signal Head, Black Housing RYG All Ball Tri-Stud Span Wire Hanger Mount for 3 & 4 Section Inline Signal - Black Closure Plug *Add support plate where needed* See part# GT-SWHA-92-TS-Black for additional stock*		ea	
	PELSE-5097-P33	Upper and Lower Arm Assy, 4 way 17" CTC Cast Tri-Stud Black			
	SIGNALSUPPORTPLATE	Traffic Signal Support Plate (REINFORCING PLATE)		ea	
	ADV8743A	3 Pair, #18, Loop Detector - Lead In, 50-2 Stranded - 5000' reel 5000ft		ft	
	ADV8307	7 Conductor, #14, Black, 20-1 Stranded Signal Cable, 5000' reel 5000' standard lengths		ft	



# UTILICOM

## SUPPLY ASSOCIATES

4400 Shackleford Road

Norcross GA 30093

P: 404-298-7700

F: 404-298-8810

QUANTITY ORDER	ITEM NUMBER	DESCRIPTION	UNIT PRICE	U/M	AMOUNT
	STRAND038EHS5000	3/8" Extra High Strength Strand on 5,000' reel, 10M		ft	
	ABCGDE5202	3/8" All Grade Strandvise, 10M, 25/bx AB# AB520200 Allied Part #AB520200		ea	
	PVC2004010	2" PVC sch 40 conduit, 10'L, 1400'/bdl		FT	
	PVC2004090SRPE	2" X 90D X SR, PVC sch 40 elbow, Plain End, 15/BX		ea	
	GAL100	1" Galvanized Rigid Conduit, 1250' per Bundle		ft	
	GAL10090	1" X 90D X SR HDG Elbow		ea	

