



April 22, 2024

**Addendum No. 1
RP016-24**

Purchase and Implementation of an Adaptive Signal Control Technology (ASCT) System

The following addition/changes modify Proposal No. RP016-24 "Purchase and Implementation of an Adaptive Signal Control Technology (ASCT) System" Contract Documents, dated March 2024, as first advertised on March 13, 2024.

**THIS PROPOSAL OPENING DEADLINE HAS BEEN EXTENDED TO
MAY 1, 2024 AT 2:50PM**

I. Modifications:

Make the following changes throughout the Proposal Documents change below:

II. Questions:

Q1. Is it the County's desire to use existing detection for the ASCT?

A1. The County prefers to use the existing detection but it is not required. Proposers should include their proposed solution in their RFP response to be scored accordingly.

Q2. If an intersection must be placed in Flash during non-peak hours, can that be done without police control?

A2. It depends on how long the intersection will be in flash, if it is less than 30 minutes, no police will be required.

Q3. If the proposed team includes a prime consultant and subconsultants, is the prime consultant required to complete a certain minimum percentage of the work?

A3. Yes, 30% minimum of the work.

Q4. Must the prime consultant have a Georgia contractor's license?

A4. No.

Q5. What versions of SEPAC are running on all the intersections and is there a plan to update the older M34's and M52's to the newest version of software?

A5. GCDOT does not run the SEPAC software on their traffic signal system.

Q6. If existing detection does not meet the detection requirements of the adaptive solution, does the proposal need to include supply and install of additional detection or will Gwinnett County install detection requirement specs?

A6. Proposals should include supply and installation of additional detection.

Q7. Can Gwinnett County provide intersection diagrams that include location, size and channel assignments of existing detection?

A7. This will be provided after the award of the contract.

- Q8. Section 4 – Understanding of Approach mentions phasing of signals. What is the phasing of signals?**
A8. Phasing of signals means *order of implementation of the ASCT intersections*.
- Q9. Can a vendor that does not have GDOT consultant pre-qualification bid on this, or do they need a consultant prime?**
A9. A vendor can be the prime but needs to have an approved GDOT consultant on the team.
- Q10. Where are these two forms: Non-Conflict of Interest Certification & Certification of Non-Collusion in Proposal Preparation mentioned in section F, in bullet 1 of page 3 of the RFP?**
A10. Please remove any reference to a Non-Conflict of Interest Certification throughout the request for proposal document. The certification of non-collusion is located on page 12.
- Q11. Reference Page 2, Section I. A General Specifications, Could the County provide more details regarding the format, communications method, and other specifics about the information sources?**
A11. The County receives detection failures, split failures, count data, etc. See attachment A1, Gwinnett CV Deployment Architecture Diagram.
- Q12. Reference Page 1, Paragraph 4 and Page 2, Section I.F General Specifications, please clarify the number of bound copies required.**
A12. One unbound original and five (5) copies should be submitted.
- Q13. Reference Page 2, Section I.C, please provide details of the existing transit and EVP systems.**
A13. The County has TSP and EVP through connected technology. See attachment A1, Gwinnett CV Deployment Architecture Diagram.
- Q14. Reference Page 2, Section I.C, Can the County provide further details regarding this objective and the expected data sources and integration requirements? Does the County want the ASCT to provide data to a performance analytics/reporting platform or to serve as the performance analytics/reporting platform for other data sources?**
A14. The County expects the chosen system to be flexible to allow multiple data sources. The County is requesting that the system provide performance analytics and reporting that can stand alone or be used by other data sources.
- Q15. If drawings/plans are required for equipment installation, will the County accept computer generated sketches in lieu of full design plans?**
A15. No, full design plans are required.
- Q16. Reference Page 2, Section I.F, should this refer to Section II. Instructions to Consultants?**
A16. That is correct, please modify in the first sentence of Section I, F, as the following: *"Proposals must follow the format as defined in Section II, "Instructions to Consultants..."*
- Q17. Reference Page 4, Section C.4, Please clarify "phasing of signals." Does this refer to the order of implementation of ASCT intersections or signal timing phasing?**
A17. Phasing means *order of implementation of the ASCT intersections*.
- Q18. Reference Page 6, III. Scope of Services, Must the respondent's proposed solution include interface with MaxView, use MaxTime for local controller firmware, and/or use Intelight controllers?**
A18. The proposed solution needs to be able to run on 2070 ATC controllers. The interface with MaxView or MaxTime is not a requirement.

Q19. Is functioning communication available to all ASCT intersections? If the proposed solution requires a new server at the TMC: What are GCDOT's IT requirements for the server? Will procurement and implementation of the new server be solely the responsibility of the respondent? Will GCDOT IT staff support changes in communications to communicate with the new server?

A19. Yes. A VM is preferred. If a physical server is required, it must meet IT security requirements. If a physical server is required, yes. It depends on the changes requested, but generally, yes.

Q20. Reference Page 8-9, Table 2, Does GCDOT expect the proposer to use the System Requirements table to respond to each requirement?

A20. At a minimum, the proposed system should meet the system requirements.

Q21. Reference Page 8, Table 2, Are there other requirements than "Able to share data with the TCC and TOC"?

A21. Yes. They can be found in Model Systems Engineering Documents for Adaptive Signal Control Technology (ASCT) Systems FHWA document.

Q22. What detector technologies are required? Does GCDOT have a preferred detector technology?

A22. The detector and technologies that meet GCDOT's specifications.

Q23. How many years of support are required? Please define "software environment."

A23. This solicitation requires 5 years of support. "Software environment" is defined as anything that is affected by a software change.

Q23. Please provide a Proposal Fee Schedule sheet specific to the ASCT services.

A23. This will be a lump sum.

Q24. Is one of the three coverages listed is required by the County?

A24. All coverages listed in the County's insurance requirements are required.

Q25. What type of detection is in place at the intersections? Is the detection 100% operational? If existing detection is used and requires modification of the existing configuration, is that modification the sole responsibility of the respondent?

A25. Some are loops and some are radars. Yes, the detection is 100% operational. Yes, it is the sole responsibility of the respondent.

III. Attachments:

A1. Gwinnett CV Deployment Architecture Diagram.

Acknowledge receipt of this addendum on the firm information page of the request for proposal.
Sincerely,

Michael Milstein
Purchasing Associate II

CV Deployment Architecture

