

**FY 23 and FY 24 Interstate ITS and Connected Vehicle Implementation
Design-Build Project**

P.I. Numbers: 0019550 & 0019551
Various Counties, GA

Date: December 9, 2022

Disclaimer:

- Please be advised that this information is preliminary and is provided for information only. Additional details, requirements, and other pertinent information concerning the Project will be included in the Request for Qualifications (RFQ) and Request for Proposals (RFP). The advertised bid documents shall supersede this Project Synopsis and accompanying Public Notice Advertisement (PNA). All final scope requirements will be included in the RFP.

Project Information:

- The Georgia Department of Transportation (Georgia DOT) intends to advertise and proposes to let two (2) Design-Build (DB) projects for the design and construction-related services for the installation of broadband and connected vehicle (CV) infrastructure along several interstates in Georgia over a two fiscal year period. The first project will let in fiscal year 2023 (FY 23) and the second project will be let later in fiscal year 2024 (FY 24), each shall be considered a “Project”. Together, the services required for both broadband and CV infrastructure projects as further described below shall compromise individually each as a “Project” and collectively as the “Projects”. Proposers may elect to be involved in either one or both Project(s) as may be applicable.
- The Design-Builder selected for each Project will be responsible for:
 - the design, permitting, utility coordination and/or utility relocation, construction, and any other related services.
 - the design and construction necessary to install broadband and CV infrastructure along the following Georgia interstate locations:
 - **FY 23 Interstate ITS and CV Implementation, PI No. 0019550**
 - I-75 from the Florida state line to SR 92
 - I-475 near Macon from the southern limit of I-75 south of Macon, north approximately 16 miles to the northern limit with I-75 north of Macon
 - I-575 from the southern limit of I-75 near Marietta north approximately 31 miles to SR 372
 - **FY 24 Interstate ITS and CV Implementation, PI No. 0019551**
 - I-75 from SR 92 to the Tennessee state line

- I-16 from the western limit with I-75 in Macon east approximately 166 miles to the eastern limit at Martin Luther King Jr Boulevard in Savannah
 - I-516 near Savannah from its southern limit of Montgomery Street north approximately 7 miles to its northern limit at SR 25/Main Street
 - I-20 from Panola Road to the South Carolina state line
 - I-520 near Augusta from its western limit with I-20 east approximately 16 miles to its eastern limit at the Savannah River
- The Broadband infrastructure will include fiber optic cable installed in conduit on the shoulder of the interstate for the entire limits of the projects. The CV infrastructure includes the deployment of Connected Vehicle Roadside Units (RSU), Closed Circuit Television Cameras (CCTV), and Vehicle Detection Equipment, as may be applicable.

The following information applies to both Projects:

Project Category:

- The Georgia DOT has developed a project ranking system to categorize Design-Build projects representing varying levels of complexity and risk ranging from low to high. The category determines the post-let delivery requirements for each Project. These submittal requirements are based on the information needed to communicate and document the Design-Builder's management and construction plan. The Projects will each be a Category I project. The general submittal requirements for a Category I project can be found in the following memo: <http://www.dot.ga.gov/PartnerSmart/Innovative/DesignBuild/DBProjectScalability.pdf>

Environmental:

- The National Environmental Policy Act (NEPA) environmental document is a Programmatic Categorical Exclusion (PCE) under 23 CFR 771.117(c)(2) "Approval of utility installations along or across a transportation facility". The NEPA document is in progress.
- The approved NEPA document for both Projects is anticipated to be approved in Q3 2023.
- The final requirements will be provided in the RFP.

Permitting:

- A Section 404 Individual Permit is not anticipated as part of these Projects. The respective Design-Builder may choose to obtain a regional permit if chosen construction means and methods impacts Waters of the US.
- Each Design-Builder will prepare all applicable permit(s) to the Georgia DOT's satisfaction. The Georgia DOT will transmit permit(s) to the respective agency,

and the Design-Builder(s) will be responsible for satisfactorily addressing all comments.

- All site erosion control Best Management Practices (BMPs), including obtaining any stream buffer variances, will be the responsibility of the respective Design-Builder.

Survey Scope of Work:

- The respective Design-Builder(s) will be responsible for obtaining base map information needed for plan development.

Utility Scope of Work:

- All Design-Build projects at the Georgia DOT are subject to a Public Interest Determination (PID).
- The Department anticipates providing a White Lining Specification as part of the RFP.
- The respective Design-Builder(s) will be responsible for obtaining any utility services needed for the Project and for coordinating and/or relocating all affected utilities or obtaining no-conflict letters from all utility owners.

Traffic Control Scope of Work:

- The respective Design-Builder(s) will be responsible for Traffic Control in accordance with the Manual on Uniform Traffic Control Devices (MUTCD) and Georgia DOT standards and details.

Additional Comments:

- The respective Design-Builder(s) will be responsible for installing fiber optic cable inside conduit and/or microfiber inside microduct conduit.
- The respective Design-Builder(s) will be responsible for installing RSUs, CCTVs, and Vehicle Detection Equipment, as may be applicable, on new and existing strain poles. Further information will be provided in the RFP.