

**NOTICE TO CONSULTANT ENGINEERS  
REGARDING A REQUEST FOR LETTERS OF INTEREST**

**8/27/2021  
(Traffic Operations Division)**

The Tennessee Department of Transportation (TDOT), an Equal Opportunity/Affirmative Action Employer, seeks to retain the services of **three (3) professional engineering consulting firms** to provide expertise in ***Intelligent Transportation Systems (ITS) Engineering Services*** on a continuing contractual basis as described below. The method of payment shall be cost plus percentage net fee. Contract ceiling is **\$4 million** per contract. Each contract shall have a term of five (5) years and all services must be completed within this contract term except to the extent that additional time may be needed, as approved by TDOT, to complete a previously issued work order. New work orders will be issued only within the first four (4) years.

**Intelligent Transportation Systems (ITS) Engineering Services Contracts**

**Description:**

The consultant may be requested to perform professional engineering services on ITS Projects, including but not limited to:

- a. Integrated Corridor Management (ICM)
- b. Active Traffic Management (ATM)
- c. Active Arterial Management (AAM)
- d. Connected & Autonomous Vehicle Technology
- e. Mobility on Demand (MOD) Systems
- f. Electric vehicle charging infrastructure
- g. Broadband communication infrastructure
- h. ITS Expansion
- i. ITS Upgrade
- j. ITS Relocation
- k. ITS Resiliency

The consultant may be requested to perform professional engineering services pertaining to ITS planning and design, including but not limited to:

- a. System engineering analysis
- b. ITS architecture maintenance
- c. Project scoping
- d. Development of project plans. Plans will include but not be limited to communication network design, power design, device layout, and any and all information required for environmental approval, permitting, and utility coordination.
- e. Development of project specific standards and specifications
- f. Development of project estimates
- g. Pre-Bid services
- h. Construction submittal and Request for Information (RFI) reviews
- i. ICM Management
- j. Software deployment support
- k. Software and data integration services
- l. Professional/technical grant writing assistance for ITS-related funding opportunities

**Schedule:**

Schedule for services will be established by work order.

**Individual Assignments:**

Consultant selection for work orders will be determined by:

- Past performance on prior work orders issued under the contract;
- Specialized expertise specific to the work order;
- Consultant availability to perform the work; and
- Qualifications of the consultant to perform the work specific to the work order.

**Deliverables:**

All documentation (see technical requirements below) associated with work orders for ITS engineering design services shall be submitted to TDOT as needed.

- TDOT ITS Project Development Guidelines
- TDOT Roadway Design Guidelines
- Manual on Uniform Traffic Control Devices (MUTCD)
- TDOT Traffic Design Manual
- FHWA Lighting Handbook
- FHWA Standard Highway Signs
- FHWA 2012 Supplement to the 2004 Standard Highway Signs
- Tennessee Supplement to the Standard Highway Signs Book
- AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals
- AASHTO Operations Green Book for TSMO
- TDOT Standard Traffic Operations Drawings
- TDOT Standard Roadway Design Drawings
- Highway System Access Manual
- TSMO/Traffic Operations Program Plan (Future Policy Statement)
- TDOT Access Management Manual
- Future AASHTO Transportation Operations Manual

Firms may request consideration by submitting a letter of interest by email to:

**Mr. Brad Freeze, P.E.**  
**Traffic Operations Division Director**  
**Suite 1800, James K. Polk Building**  
**505 Deaderick Street**  
**Nashville, Tennessee 37243-0236**  
[TDOT.TrafficOps@tn.gov](mailto:TDOT.TrafficOps@tn.gov)

All letters of interest shall be submitted electronically and received on or before **4:00 p.m. (Central Time) 9/10/2021**. All subsequent responses and files shall be submitted electronically. For additional details regarding these projects, please contact Mr. Jon Storey at (615) 741-8676 or by email at [Jon.Storey@tn.gov](mailto:Jon.Storey@tn.gov).

All firms must be pre-qualified or have a completed prequalification form filed with the Department by the deadline for the Letters of Interest. Additional information, including the Prequalification Form (DT-0330, Part 1), and an example letter of interest can be found at:

<https://www.tn.gov/tdot/business-redirect/consultantinfo/currentads.html>. Interested firms without internet access may obtain this information by calling Ms. Christine Smotherman at (615) 741-4460 or [Christine.Smotherman@tn.gov](mailto:Christine.Smotherman@tn.gov). The letter of interest shall not specifically identify sub-consultant(s), but rather indicate the scope of services anticipated to be completed by any sub-consultants. The sub-consultant shall be one that is prequalified by TDOT to perform the specific tasks required. A pending prequalification status will be acceptable. **Please include a valid email address and phone number for the point-of-contact.**

**Phase I Evaluation**

The Department will evaluate the current prequalification statements on file for those submitting letters of interest, and choose several firms, who would make viable candidates from which to invite proposals. Please note: New or updated prequalification forms must be received before the deadline for letters of interest. The criteria that will be considered in Phase I are:

- i. Work experience in the required disciplines: Experience Categories (annual average revenue for last 5 years in relevant Profile Codes– Part I of the DT-330 Form);
- ii. Staff capabilities of prime consultant: Employees by Disciplines (Local office staff in relevant Function Codes – Part I of the DT-330 Form); and
- iii. Qualification Type: UNLIMITED.

**Phase II Evaluation**

All files for Phase II proposals shall be submitted and sent electronically. For firms submitting proposals (Part II of the DT-0330 form) during Phase II evaluation, the criteria that will be considered are:

<b>Criteria and Relative Weights</b>		
i.	Team capability and work experience (Section C, D, E, F, G, H & I of Part II of the DT-0330 form).	40 %
ii.	Staff qualification and availability (Section C, D, & I of Part II of the DT-0330 form). (see notes below table)	40 %
iii.	Firm workload capacity (Section I of Part II of the DT-0330 form).	10 %
iv.	Past performance evaluations on ITS projects (Section I of Part II of the DT-0330 form). (see notes below table)	10 %

Notes:

- 1) Provide documentation to supplement information in Section C of Part II of the DT-0330 that details the availability of each member of the proposed team to work on projects on this contract. Attach documentation to Section I of Part II of the DT-0330.
- 2) Provide documentation that details the workload of each member of the proposed team. This documentation shall be combined with the requested documentation in Note 1 and can be presented as percent of time allotted for this contract and other work. Attach documentation to Section I of Part II of the DT-0330.
- 3) For past project performance evaluation documentation, provide one (1) TDOT project final evaluation letter and two (2) other client (i.e., non-TDOT) project final evaluation letters. If no TDOT project final evaluation letters are available, a third other client project final evaluation letter may be submitted instead.

Following Phase II evaluation, no fewer than five (5)\* firms deemed most qualified by the Consultant Evaluation Committee (CEC) will be recommended to the Commissioner in

alphabetical order for Phase III evaluation.

\* In instances where four (4) or fewer qualified consultants respond with proposals, the Department may proceed with evaluation and selection if it is determined that the solicitation did not contain conditions or requirements that arbitrarily limited competition.

### **Phase III Evaluation**

From the list of firms determined by the CEC to be the most highly qualified firms to perform the solicited services, the Commissioner will rank the firms in order of preference. TDOT's Traffic Operations Division will then negotiate with the firms deemed to be most highly qualified in rank order in Phase III. Three (3) contracts will be awarded.

Evaluation proceedings will be conducted within the established guidelines regarding equal employment opportunity and nondiscriminatory action based upon the grounds of race, color, religion, national origin, sex, creed, age, and disability. Interested certified Disadvantaged Business Enterprise (DBE) firms as well as other minority- and/or women-owned firms are encouraged to respond to all advertisements by TDOT. For more information on DBE certification, please contact the Civil Rights Office Small Business Development Program at (615) 741-3681. Details and instructions for DBE certification can be found at the following website: <https://www.tn.gov/tdot/civil-rights/small-business-development-program.html>.

Clay Bright  
Commissioner

CB/BP/PBF