



**REQUEST FOR LETTERS OF INTEREST TO RESPOND TO
REQUEST FOR PROPOSALS TO PERFORM PROFESSIONAL
ENGINEERING SERVICES**

ISSUED: March 27, 2020

**Intelligent Transportation Services (ITS) and/or
Connected & Automated Vehicle (CAV)
Engineering Services**

Project Nos. 99-20-01 and 99-20-02

The Ohio Turnpike and Infrastructure Commission (“Commission”) issues this Request for Letters of Interest (“LOIs”) to respond to a Request for Proposals (“RFP”) to perform professional engineering services that may include, but are not limited to: ITS and/or CAV Program Development and Management; Traffic Studies; ITS and/or CAV Plan Design and Surveying; ITS and/or CAV Plan Review; ITS and/or CAV Integration Assistance; Construction Schedule Review; and ITS and/or CAV Construction Inspection Services. The professional engineering services will be assigned and performed on a task order basis. The Draft Scope of Services attached as Exhibit A provides a more detailed description of the required services.

LOIs shall serve to provide information for the Commission to evaluate the respondents’ qualifications to perform services required for the projects. (See page 2 for LOI’s content requirements). Once the Commission reviews the LOIs received, it will select interested and qualified firms in order to further refine the Scope of Services and solicit sufficient responses to the RFP. The selected interested firms will then be invited to submit a response to the RFP. **The Commission currently anticipates selecting at least two respondents based on the qualifications to perform the professional engineering services for the projects.**

The significant dates related to the Commission’s selection of consultant(s) to perform the required services are currently established as follows:

March 27, 2020 - Request for Letters of Interest issued

April 17, 2020 at 5:00 PM (Eastern) – Letters of Interest due

May 8, 2020 – Invitation for shortlisted consultants to respond to the RFP

May 22, 2020 at 5:00 PM (Eastern) – Inquiry Deadline for RFP

June 5, 2020 at 5:00 PM (Eastern) – Proposals due

Those firms interested in responding to the RFP must have a completed “Request for Qualifications” (“RFQ”) package for calendar years 2019-2020 on file with the Commission to be considered as a potential respondent to the RFP. If a firm has not already responded to the RFQ, the RFQ package may be obtained through the inquiry process and its response submitted simultaneously with the LOI.

LOIs must be submitted by 5:00 p.m. (Eastern Time) **on April 17, 2020** in softcopy format only to purchasing@ohioturnpike.org.

LETTER OF INTEREST FOR PROJECT NOS. 91-20-01 & 91-20-02
(Not to exceed twelve (12) pages - excluding the cover page/letter and SBE materials)

1. Plainly identify the Respondent's legal name, contact person(s) and their email, phone number and physical address, and clearly state whether the Respondent is pursuing a specific project or both.
2. List the types/categories of services for which the Respondent has a current Qualifications Statement on file with the Commission in response to the 2019-2020 RFQ.
3. List significant subconsultants, their categories of service and the percentage of work to be performed by each proposed subconsultant.
4. List the Project Manager and other key staff members including key subconsultant staff. Address the experience of the key staff members on similar projects. Provide only the résumé of the proposed Project Manager. The proposed Project Manager must be a professional engineer registered in the State of Ohio.
5. Provide references from three (3) organizations other than the Ohio Turnpike and Infrastructure Commission for similar projects and services completed in the past five (5) years. For each reference, provide a contact name and phone number.
6. Describe the capacity of your firm's staff and its ability to perform the work in a timely manner relative to present workload and the availability of assigned staff.
7. Provide a description of your Project approach, not to exceed two (2) pages per project. Confirm the firm's proposed technical approach, cost containment practices, innovative ideas for this type of project and any other relevant information concerning your firm's qualifications to perform the services contemplated under the relevant project.
8. Small Business Enterprise ("SBE") Utilization Certification (OEI-1) and Plan (OEI-2) demonstrating the commitment and means for achieving SBE participation on the Respondent's team. If the Certification and Plan fails to meet or exceed the **25% Goal**, the Respondent is required to demonstrate that it used Good Faith Efforts (OEI-4 & OEI-5) to attain SBE participation that meets or exceeds the Goal. As described in the enclosed Exhibits, the Commission recognizes SBEs that are certified with the Commission or ODOT as SBE and considers DBEs certified with ODOT and firms certified as EDGE through DAS as eligible for SBE certification. Contact the Commission's Office of Equity and Inclusion with any questions concerning the SBE Program.

Items 1 through 8 must be included in the LOI on single sided 8 1/2" x 11" sheets of paper. Items 1 through 6 shall not exceed eight (8) pages and Item 7 shall not exceed two (2) pages per project and shall be in no smaller than size 11 font. The cover page/letter and SBE materials are excluded from the page limits. To respond, **send one (1) softcopy in .pdf format** to the e-mail address provided above **before 5:00 p.m. (Eastern), on April 17, 2020.**

Issued **March 27, 2020**

EXHIBIT A
DRAFT SCOPE OF SERVICES
PROJECT NO. 99-20-01/02

INTRODUCTION

The Commission seeks to maximize the efficient use of its resources through selection and retention of one (1) or more consultants to perform Intelligent Transportation Services (ITS) and/or Connected & Automated Vehicle (CAV) Engineering Services on a task order basis. The Selected Consultant(s) must be able to address the Commission's engineering assignments by responding timely to requests to perform task based professional engineering services, and promptly initiating work on the requested tasks upon authorization, performing the services using necessary and appropriate quality controls, and completing the task or project within the time allotted in an approved schedule.

The Commission is considering ITS assets that may include but are not limited to: closed-circuit-television cameras (CCTV), dynamic message signs (DMS), vehicle detection systems (VDS), backbone and edge Ethernet switches, wireless communications devices, leased line communication, fiber optic cable, digital video encoders, uninterruptible power supplies (UPS), camera lowering systems, control cabinets, communications hubs, ancillary facilities, environmental conditioning equipment, device structures, portable changeable message signs (PCMS), highway advisory radios (HAR), Parking Availability Systems (PAS), Roadway Weather Information Systems (RWIS), Variable Speed Limits (VSL), Communication Center design / layout, Traveler Information Kiosks at Service Plazas, Travel Time Detection, Animal Detection System, Wrong Way Detection System, Connected Streetlights, Arterial DMS, Advanced Traffic Management System (ATMS) with all related hardware, software and firmware for the system deployed, etc. The Commission is also considering a partnership with the Ohio Department of Transportation to leverage their existing assets and/or ATMS platform.

The Commission is considering CAV assets that may include but are not limited to: Dedicated Short Range Communications (DSRC), connected grid routers (CGR), roadside equipment (RSE), on-board equipment (OBE), vehicle-to-vehicle (V2V), vehicle-to-everything (V2X), Vehicle-to-Infrastructure (V2I), Vehicle-to-Network (V2N), Probe-enabled traffic monitoring, Integrated data environment (IDE), Deployment support, Education and outreach, Asset management of CAV-related assets, Data/Performance Management needs, CAV Applications such as: Queue Warning, Traveler Information, Speed Harmonization, Spot Weather Warning, Curve Speed Warning, etc.

SCOPE OF SERVICES

The Commission may require the Selected Consultant(s) to perform various assignments on a task order type basis. The professional and personal services may include, but are not limited to, the following types and general scopes:

- ITS and/or CAV Program Development and Management
- Traffic Studies (e.g. Before and after studies, benefit cost studies, cost impact studies, human factors studies, institutional and coordination studies, technology reliability studies, and user perception studies.)
- ITS and/or CAV Plan Design, Surveying
- ITS and/or CAV Plan Review
- ITS and/or CAV Integration Assistance
- Construction Schedule Review (Primavera P6 and Microsoft Project)
- ITS and/or CAV Construction Inspection Services

TERM AND PAYMENT

The Commission currently anticipates retaining at least two (2) respondents based on the qualifications to perform these services. All services shall be performed on an actual cost basis with the exception of analytical tests. The consultant(s) shall maintain a project cost accounting system that will segregate costs for individual task orders. The term of each Selected

Consultant(s) agreement shall be a two (2) year period, commencing on the date of the first task order assignment. The total amount payable to each Consultant(s) under their respective agreements shall not exceed \$600,000.00.

TASK ORDER ADMINISTRATION PROCEDURES

- The Commission will identify a task order, develop a general Scope of Services and transmit it to the Selected Consultant.
- The Consultant will develop a Fee Proposal within a timeframe specified in the Commission's transmittal and submit it to Commission staff for review and approval.
- Upon Commission staff approval, the Chief Engineer will authorize the Consultant to perform the task by a standard authorization letter that incorporates the following into the terms and conditions of the Agreement:
 - The agreed upon Scope of Services and approved Fee Proposal.
 - The completion time from authorization.
 - The maximum compensation.

SMALL BUSINESS ENTERPRISE UTILIZATION CERTIFICATION

To be eligible for selection to award this contract, each respondent must complete and submit this Small Business Enterprise (SBE) Utilization Certification with its Proposal. The Commission may consider as non-responsive and reject any Proposal that does not contain a Certification (page OEI-1) and Utilization Plan (page OEI-2) that properly demonstrates that the respondent's commitments with SBEs for participation on the project if awarded the contract. The successful respondent's SBE Utilization Certification and Utilization Plan shall be incorporated as part of the resulting Contract. If the Certification and Plan fail to demonstrate a commitment to meeting or exceeding the Goal stated in the RFP, the respondent is required to complete and submit a Good Faith Efforts Demonstration (page OEI-4 and page OEI-5). **To count towards the goal, the participants must be certified as SBEs with the Commission or as SBEs or DBEs with ODOT or EDGE certified with the Ohio Department of Administrative Services at the time of bid.**

The undersigned authorized agent of the respondent represents to the Ohio Turnpike and Infrastructure Commission, as part of its Proposal, that it will perform the duties of the respondent having: (check one)

<input type="checkbox"/> attained commitments to meet or exceed the contract's SBE goal, and has documented SBE participation in the attached Utilization Plan for the project summarized as follows: SBE Participation Commitment: \$ _____ Total Dollar Value _____% Percent of Total Bid Attached is the Utilization Plan evidencing commitments with each SBE that will participate in the project in a manner that meets or exceeds the goal, and affirming the availability and planned participation of each business identified.
<input type="checkbox"/> failed to meet the contract's SBE goal despite its Good Faith Efforts to attain commitments to meet or exceed the goal, and has documented its efforts to achieve the goal in the attached Demonstration of Good Faith Efforts (page OEI-4 and page OEI-5) and documented commitments in the attached Utilization Plan to SBE participation on the project summarized as follows: SBE Participation Commitment: \$ _____ Total Dollar Value _____% Percent of Total Bid 1. Attached is the Utilization Plan evidencing commitments with each SBE that will participate in the project and affirming the availability and planned participation of each business identified; and 2. Attached is the Good Faith Efforts Demonstration evidencing those Efforts that were unsuccessful in attaining SBE participation commitments that meet or exceed the goal.

Respondent

By: _____
Signature

Name: _____

Title: _____

Date: _____

Submit the Utilization Plan (page OEI-2) and (if necessary) the Good Faith Efforts Demonstration (page OEI-4 and page OEI-5) with the Proposal using the templates and instructions that follow.

Respondent's SBE Utilization Plan
 (Complete and Submit with Utilization Certification)

BOX 1:

("Respondent")

certifies that the SBEs listed below have been engaged to participate on this project, and if the Respondent is selected for award of the Contract, it shall assure that its self-performance, subcontracts or other agreements are executed as follows:

Column 1 Name of SBE (See instructions)	Column 2 Project Role (See instructions)	Column 3 Description of Work (See instructions)	Column 4 Amount Subcontracted to SBE (See instructions)	Column 5 Amount to be Applied Towards Goal (See instructions)

BOX 2:

Small Business Enterprise Contract Goal in Dollars:

BOX 3:

Total SBE Credit Commitment:

If Box 2 is greater than Box 3, proceed to complete and submit the Good Faith Efforts Documentation Form (page OEI-4 and page OEI-5)

Instructions for Small Business Enterprise Utilization Plan

Box 1: Name of Respondent submitting Proposal.

Column 1: Name of the Small Business Enterprise (“SBE”) participating on the project. To receive credit towards contract goal, SBEs must be certified with the Commission at time of bid, or eligible for fast track certification (i.e., certified as DBE or SBE with ODOT or EDGE certified with Ohio DAS). If a SBE is performing multiple scopes, repeat the name of the SBE for each scope that will be performed and the respective amount.

Column 2: The Project Role that the SBE will be performing as follows:

- Prime Contractor
- Manufacturer or Regular Dealer
- Broker
- Subcontractor
- Trucking/Hauler

List each project role to be performed by a single SBE individually on a separate row(s). The role is used to determine what portion of the amount to be subcontracted (Column 4) may be applied toward meeting the goal (column 5).

Column 3: A description of the Work to be performed by the SBE must be consistent with the industry used for its certification. The Respondent may rely upon the descriptors listed in the Commission’s Certification List.

For example: <http://www.ohioturnpike.org/business/mbe-fbe>, or those eligible for Fast Track certification as DBE see: <http://www.dot.state.oh.us/Divisions/ODI/SDBE/Pages/DBE-Directory.aspx> as SBE, see: <http://www.dot.state.oh.us/Divisions/ODI/SDBE/Pages/SBE.aspx>

A respondent subletting a portion of a bid item shall state “Partial” and describe the Work that is included (e.g., “Surveying (Partial) – Site Plan”).

Column 4: List the total amount to be subcontracted to each SBE for the services they are performing.

Column 5: This is the total dollar amount of the project each line listed in the certification that the prime intends to apply towards meeting the Contract goal. It may be that only a portion of the amount subcontracted to a SBE in Column 4 is eligible to be credited toward meeting the goal. See Notes below. The Commission will utilize the sum of this column (Box 3) to determine whether or not the respondent has met the goal. In the event of an arithmetic error in summing column 5 or an error in making appropriate reductions in the amounts in Column 4, then the sum will be corrected and the total (Box 3) will be revised accordingly.

Notes: (A) For Work self-performed by a SBE bidding as a prime contractor, the respondent may claim only 20% of the amount self-performed (Column 4) towards meeting the goal (Column 5). (B) For Work performed by SBE subcontractors, the respondent may claim 100% of the Commercially Useful Functions performed by subcontractors (i.e., the subcontractor must perform or exercises responsibility for at least 30% of the total cost of its subcontract using its own workforce, and have responsibility, for negotiating prices to purchase its materials and supplies, determining quality and quantity, ordering the material, and installing and paying for the material itself). (C) For materials supplied by a Manufacturer or a Regular Dealer, the Respondent may claim 100% of the cost of the materials or supplies (Column 4) towards meeting the goal (Column 5). (D) SBE credited for the total value of the trucking services provided using its own trucks and employees and the total value of transportation services SBE provides using non-SBE trucks that do not to exceed the value provided by SBE-owned trucks operated by its employees (i.e., no more than one non-SBE truck for each SBE truck). (E) For work contracted out to a broker, the respondent may only claim the fees paid to a broker towards meeting the goal (Column 4).

Box 2: Box 2 is the Contract goal for SBE participation goal appearing on the RFP.

Box 3: Box 3 is the sum of the values in Column 5. This value must equal or exceed the Contract goal amount written in Box 2, or Good Faith Effort Demonstration is required if insufficient SBE Participation has been achieved. See the following pages (page OEI-4 and page OEI-5) for the materials necessary for demonstrating the Respondent’s Good Faith Efforts.

DEMONSTRATION OF GOOD FAITH EFFORTS

(Complete and Submit if Utilization Certification and Plan Fail to Meet Contract Goal)

Project Name _____
 Respondent Name _____

Project Number _____
 Federal Tax I.D. _____

1. Opportunities: Indicate how the Respondent subdivided portions of the work or services to increase the likelihood of participation by firms certified as SBE with the Commission (or SBE or DBE with ODOT and/or EDGE with DAS) in the Project. (Attach additional pages if needed, and all supporting documentation.)

2. Availability: Indicate the services or organizations that provided assistance to you in identifying and recruiting firms certified as SBE (or DBE and EDGE) in preparing the Proposal response. (Attach additional pages if needed, and notes of each contact listed.)

A. Organization: _____ **Date(s) of Contact:** _____ **Contact Means:** _____

Subject of Inquiry: _____

B. Organization: _____ **Date(s) of Contact:** _____ **Contact Means:** _____

Subject of Inquiry: _____

C. Organization: _____ **Date(s) of Contact:** _____ **Contact Means:** _____

Subject of Inquiry: _____

3. Efforts: List all SBEs (including all DBEs and/or EDGE firms) that you supplied adequate and timely information about the scopes of work and requirements of the project. (Attach additional pages if needed, and copies of all transmittals, any shipping receipts or documentation of providing info. etc.)

A. Business _____	Contact Name _____	Date _____
B. Business _____	Contact Name _____	Date _____
C. Business _____	Contact Name _____	Date _____
D. Business _____	Contact Name _____	Date _____
E. Business _____	Contact Name _____	Date _____
F. Business _____	Contact Name _____	Date _____

4. **Efforts:** List all interested SBEs (including all DBE and EDGE entities), which you rejected to perform the Work of the Contract. Please provide the specific reason(s) for the decision to reject. (Attach additional pages if needed.)

A. Business: _____

Reason(s) for rejection: _____

B. Business: _____

Reason(s) for rejection: _____

C. Business: _____

Reason(s) for rejection: _____

5. **Efforts:** List the names, dates and telephone numbers of all SBEs (including DBEs and EDGE firms) with which you entered into negotiations for its participation on the project and the general scope of work negotiated, and the reason why negotiations were not successful. (Attach additional pages if needed.)

A. Business: _____

Contact: _____

Phone: _____

Date(s) of contact: _____

Scope of Work: _____

Reasons for ending negotiations: _____

B. Business: _____

Contact: _____

Phone: _____

Date(s) of contact: _____

Scope of Work: _____

Reasons for ending negotiations: _____

C. Business: _____

Contact: _____

Phone: _____

Date(s) of contact: _____

Scope of Work: _____

Reasons for ending negotiations: _____

D. Business: _____

Contact: _____

Phone: _____

Date(s) of contact: _____

Scope of Work: _____

Reasons for ending negotiations: _____

E. Business: _____

Contact: _____

Phone: _____

Date(s) of contact: _____

Scope of Work: _____

Reasons for ending negotiations: _____

F. Business: _____

Contact: _____

Phone: _____

Date(s) of contact: _____

Scope of Work: _____

Reasons for ending negotiations: _____

GUIDANCE FOR DEMONSTRATING GOOD FAITH EFFORTS TO ACHIEVE OR EXCEED THE CONTRACT GOAL

If the SBE Utilization Certification and Plan fail to document commitment to achieving the SBE Goal set forth in the request for Letters of Interest, complete the Good Faith Effort Demonstration Form to document necessary and reasonable actions that, by their scope, intensity, and appropriateness, would reasonably be expected to attain SBE participation that meets or exceeds the goal.

The Commission's determination of Good Faith Efforts is based on consideration of the quality, quantity, and intensity of the different kinds of actions taken. The activities or efforts undertaken to when making a Good Faith Effort must be those that one could reasonably expect to deploy when seriously, actively and aggressively attempting to obtain SBE participation in relative proportion to those that are Available to capably perform Commercially Useful Functions under the Opportunities presented in given contract.

The analysis for determining whether the respondent fulfilled its obligation to use Good Faith Efforts, the Commission will consider the demonstration of the following, which the form is intended to illicit from the respondents:

- 1. "Opportunities"** means the subcomponents of the project that are identifiable as economically viable scopes of work that may interest subcontractors in responding to the respondent's solicitations to participate in the Project. The unique opportunities each project presents is determined based on the nature of the project using in-house expertise and the aggregation of those that the respondents may identify.
- 2. "Availability"** means the degree of ready, willing and able SBEs available to capitalize on the opportunities presented under each project. The availability consideration examines the amount of SBEs in the relevant marketplace using (1) the Commission's list of certified SBEs (available at <http://www.ohioturnpike.org/business/doing-business-with-us/mbe-fbe>); (2) the Unified Certification Program's DBE Directory (<http://www.dot.state.oh.us/DBE/pages/DBE-Directory.aspx>); (3) the Department of Administrative Service's directory of EDGE certified businesses: <http://eodreporting.oit.ohio.gov/searchEDGE.aspx>; the Ohio Department of Transportation's registry of SBEs: http://odotextrpt.dot.state.oh.us/ViewReport.aspx?reportPath=%2fprd%2fpreconstruction%2fpublic%2fsbe_vendor_list; and (5) any other Ohio-centric database that the Commission recognizes as using standards that are substantially similar to the requirements for certification with the Commission.
- 3. "Efforts"** means the documented attempt to meaningfully and earnestly solicit the interest of available SBEs to fulfill the opportunities presented to perform on the Project, including making a sufficient number of contacts to follow up with any available but non-responsive SBEs and negotiating in good faith with available SBEs to reach reasonably agreeable terms for their participation.
- 4. "Commitments"** means the respondent representations in the Utilization Certification and Plan to have successfully achieved commitment(s) to utilize verified SBEs to perform on the project.

The determination that a given respondent satisfactorily used and demonstrated its Good Faith Efforts is based on the holistic review of the Opportunities, Availability, Effort and Commitment documented in the bid or proposal documents.

D. Opportunities and Availability

This assessment of opportunities and availability compiles those SBEs that the respondents may identify in their Utilization Plan and Good Faith Efforts Demonstration forms, but also may go outside the form to identify additional possible opportunities under the project and recognized certification registries for possible untapped available firms.

A respondent can demonstrate fulfilling the Opportunity component by documenting that the respondent performed actions that include the following:

- a. Selected and packaged portions of the work in order to increase the likelihood that the SBEs will respond to solicitations expressing interest in participating on the project. This includes, where appropriate, breaking out contract work into economically feasible units to facilitate participation through subcontracting.
- b. Soliciting the interest of all SBE entities available to perform on the project through reasonable, meaningful and available means and providing a reasonable and meaningful time to respond.

The means for a respondent to fulfill the Availability component of demonstrating good faith efforts includes the following:

- a. Searching recognized registries identifying certified SBEs that potentially could fulfill the opportunities under the project.
- b. Identifying other possible ready, willing and able SBEs through the effective use of the services of available from plan rooms, community organizations, contractors' groups, local, state, and Federal minority/women business assistance offices, and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and utilization of SBE entities.

E. Efforts and Commitment

Respondents must document level of exertion used to engage the Availability pool on the Opportunities presented under the project. The Efforts component considers the active attempts to successfully reach terms with interested SBE firms, which may include the following:

- a. Negotiating in good faith with interested SBE entities so as to facilitate their participation on the Project.
- b. Not rejecting SBE entities without sound reasons based on a thorough investigation of their capabilities.
- c. Assisting SBE entities in obtaining bonding, lines of credit, or insurance as required.

The Commitment component provides a cross-check on the identified and documented Opportunities, Availability and Efforts. Unless the analyses under the Opportunities, Availability and Efforts prongs demonstrate otherwise, the utilization of Good Faith Efforts is expected to result in the respondent successfully representing its achievement of SBE participation goal for the contract. The respondent must provide justification for any lack of Commitment by showing that the failure occurred despite its Good Faith Efforts through the demonstration under the Opportunity, Availability and Efforts prongs of the test.