

PUBLIC NOTICE FOR
THE MARYLAND DEPARTMENT OF TRANSPORTATION

BCS 2021-09

TSMO, ATM, ICM, & CATS Design & Technical Services, Statewide

NOTICE TO ARCHITECTS & ENGINEERS

REQUEST FOR PROFESSIONAL SERVICES

The Secretary of the Maryland Department of Transportation (MDOT) has certified the need to utilize the services of architects or engineers for the following project(s).

Firms interested in being considered for work on any Project must submit an Expression of Interest (EOI) for that Project as set forth herein. The EOI shall be electronically submitted via email at OPCM@mdot.maryland.gov. The Expression of Interest shall indicate the firm's desire to perform services and indicate the specific tasks or areas of expertise, which will be subcontracted, and to whom. Interested firms must submit the material required herein or the interested firm will not be considered for the Project.

Of all the firms expressing interest in this advertisement, those adjudged most qualified shall be requested to submit Technical Proposals. Additional information will be supplied to the selected firms so that they can prepare such proposals for the Project. The firms that submit the highest rated Technical Proposal will be requested to submit Price Proposals. This project will be federally funded and Price Proposal cost limitations on payroll burden and overhead shall not apply. Contracts resulting from this solicitation shall be structured as indefinite delivery, indefinite quantity (IDIQ) and payment methods may include cost plus fixed fee and unit cost rates. Additional information regarding payment methods will be provided to the selected firms in the Request for Price Proposals and subsequent secondary qualifications-based selection. MDOT reserves the right to require that split payroll burden and overhead rates be submitted appropriate for the type of services to be provided (example, Home-Office Rate for planning/design activities and Field-Office Rate for construction inspection). If negotiations with the firm are timely and successful, a contract may be awarded to that firm. All firms, including Joint Ventures, must be in good standing with the Maryland Department of Assessments and Taxation at the time of EOI submittal. Foreign corporations may also qualify for an equivalent certificate of good standing through the Maryland Department of Assessments and Taxation at <http://www.dat.state.md.us/SDAT%20Forms/forcp.pdf>. If an interested firm is requested to submit proposals, their proposals should substantially reflect the same composition and area of involvement as their Expression of Interest. If a Joint Venture (JV) responds to a project advertisement, the Department of Transportation will not accept separate

Expressions of Interest (EOI) from the Joint Venture constituents. A firm will not be permitted to submit on more than one (1) Joint Venture for the same project advertisement. Also, a firm that responds to a project advertisement as a prime or a prime joint venture constituent may not be included as a designated subcontractor to another firm that responds as a prime to the project advertisement. Multiple responses under any of the foregoing situations may cause the rejection of all responses of the firms involved. The above does not preclude a firm from being set forth as a designated subcontractor to more than one (1) prime responding to the project advertisement.

MDOT State Highway Administration (MDOT SHA) reserves the right to cancel this solicitation due to insufficient participation or firms are deemed not qualified to perform the services regardless of how much time and effort was spent on responses.

All questions concerning submissions and procedures must be submitted by email to opcm@mdot.maryland.gov no later than 12:00 pm one (1) week prior to the due date. The BCS number must be referenced in the email subject line. Problems submitting emails shall be reported to the Oluwaseun Yerokun, at oyerokun@mdot.maryland.gov 410.545.5660 with cc to Yasin Mohammed, Deputy Director, OPCM at ymohammed@mdot.maryland.gov (410)545-5754.

All addendums to this advertisement will be posted only on eMaryland Marketplace Advantage and on the Consultant Services Center page of the MDOT SHA's website (www.roads.maryland.gov).

Consultants shall have the ability to provide background investigation results for Consultant personnel assigned to work on MDOT SHA projects.

Special Provisions

Title VI

MDOT SHA, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

Consultants interested in submitting an Expression of Interest must comply with the "SPECIAL PROVISIONS. AFFIRMATIVE ACTION REQUIREMENTS. UTILIZATION OF DISADVANTAGED BUSINESSES, THE SURFACE TRANSPORTATION AND UNIFORM RELOCATION ASSISTANCE ACT OF 1987. ISTEA OF 1991. MAP 21 OF 2012, AND FAST ACT 2015. (See attachment VI of the MDOT SHA Request for Proposal located at <https://www.roads.maryland.gov/ohd/RFPAEGuidelines.pdf>).

Disadvantaged Business Enterprise (DBE)

It is the goal of MDOT that disadvantaged business enterprises participate in all federal-aid contracts. Each contract will be evaluated for the placement of a goal for DBE participation on a contract-by-contract basis. MDOT certified small business enterprise (SBE)/DBE firms are encouraged to respond to this solicitation. The MDOT MBE website is http://www.mdot.maryland.gov/newMDOT/MBE/CertificationForms/MBE_DBECertification.html

RESPOND TO:

Jada J. Wright
MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF PROCUREMENT AND CONTRACT
MANAGEMENT
Fourth Floor, Mail Stop C-405
707 North Calvert Street
Baltimore, Maryland 21202

MDOT SHA Contract Number: BCS 2021-09

1. Project Title and Description:

TSMO, ATM, ICM, & CATS Design & Technical Services, Statewide

Statewide contracts for Transportation Systems Management and Operations (TSMO), Active Traffic Management (ATM), Integrated Corridor Management (ICM), and Connected Automated Transportation Systems (CATS) and related Intelligent Transportation Systems (ITS), communications and decision support systems (DSS) planning, design and performance management activities. This includes traffic operations studies, traffic engineering, traffic analyses, modeling and simulation, technical support activities and development of ATM, ICM, CATS, systems integration, big data analytics, performance measurement and analysis, and staffing for on-site engineering support.

MDOT SHA may award up to five (5) open-ended, task-order based contract(s) for these services. The duration of each contract will not exceed five years. The total funding authority for all five (5) contracts will not exceed \$25,000.00. MDOT SHA reserves the right to modify the number of contracts and the total funding authority as deemed appropriate based on complying with 23 CFR 172 and the Brooks Act. Consistent with competitive qualifications-based selection, a secondary qualifications-based selection will be employed for all task-order assignments. Awarded task-assignments will be negotiated as stand-alone assignments terminating when the task budget is exhausted, or the task time frame has expired, or the task has been completed. No minimum amount of work or funds is guaranteed under these contracts.

This Contract will be administered solely by MDOT SHA's Office of Transportation Mobility & Operations (OTMO) located at 7491 Connelly Dr., Hanover, MD, 21076, to support the Statewide Architectural and Engineering needs of MDOT SHA and will be funded with both State and Federal Funds. Assignments may be made to support other MDOT SHA Offices with the prior approval of the MDOT SHA Deputy Administrator. In addition, this contract may be used to provide services to the MDOT's The Secretary's Office, or any of the MDOT Transportation Business Units (TBUs), at the direction and with the express prior written authorization of the Secretary of Transportation or the Secretary's designee. Any tasks assigned under this contract must be for services as outlined in the contract scope of work and in conformance with all contract terms and conditions and payment provisions.

2. Consultant Services Required:

The scope of services sought under these contracts will include engineering design and planning activities, including but not limited to: TSMO Master Planning, Systems Engineering (SE) activities, transportation/traffic operations analyses, modeling and simulation, big data analytics, performance management, engineering design, and integration support for the Office of Transportation Mobility and Operations statewide TSMO program. The contracts will support the preparation of strategic planning and policy documents such as the MDOT SHA TSMO Strategic Plan, legislative research, benefit-cost analyses, asset management, development of incident and emergency management plans for freeways and arterials, and development and deployment support for ATM, ICM and CATS strategies. Analysis, modeling and simulation activities will include development, calibration and validation of macro-, meso- and microsimulation models. Big data analytics will include activities related to the governance, management and analysis of ITS infrastructure data, vehicle probe data, crowd-sourced data and CATS, etc. The scope of the contracts will also include advanced traffic management systems (ATMS) support, advanced traveler information systems support, assessment and application support for field and center ITS, preparation of preliminary engineering plans, SE support for preparing Concept of Operations (ConOps), requirements definition, system validation, and system verification documents related to ITS deployments, crashes, capacity, delay analysis, corridor analysis, origin-destination studies, signal system studies, traffic control software and hardware integration support. These contracts will support OTMO's CHART program and MDOT SHA's involvement in various pilot studies and initiatives to support new/innovative technology testing and deployments for CATS, MDOT initiatives such as its CAV and Unmanned Aerial Systems (UAS) Programs, and the agency's Asset Management Program (AMP) and deployments. These contracts will also provide support for CHART's, MDOT SHA's and MDOT's strategic planning and technical analysis activities in the CATS, UAS and AMP focus areas.

Firms with expertise in TSMO, ATM, ICM, & CATS Design & Technical Services to provide, but not limited to, the following services for:

- Perform various ITS studies, strategies, planning and analysis projects; such projects shall include traffic and roadway (freeway and arterial) monitoring systems, advanced detection systems and transfer information systems, such as automated incident detection systems;
- The Consultant shall be capable of supporting current CHART Program needs, future long-range planning, communications and control systems, general traffic systems, incident management, traffic engineering and ITS technology;

- The Consultant must have experience with the integration of multi-medium communications, traffic detection technology, CCTV camera technology, motorist information technology, local and wide area networks, and multiple satellite traffic operations control centers;
- The consultant shall also be required to have experience in the planning and development of TSMO strategies, initiatives and projects to include Active Traffic Management Systems, Traveler Information Systems/Services such as 511 Traveler Information Service, etc.;
- The Consultant shall perform traffic planning studies such as: corridor traffic systems management studies, capacity and delay analysis, signal system timing and related studies, traffic engineering studies, traffic data collection and transportation emergency management planning; conduct cost/benefit analysis and customer marketing research;
- The Consultant may need to provide engineers to work on-site at MDOT SHA facilities to support the traffic management/operations center, and OTMO's planning, development, performance monitoring, and project implementation activities;
- The Consultant shall perform engineering design activities for field ITS devices and ATM Capabilities;
- The Consultant may be required to provide technical services related to the planning, engineering, deployment, integration, and operation of CATS services, including big data analytics;
- The Consultant may be required to provide analysis, simulation, and modeling activities related to the planning, development, and deployment of ICM functions;
- The Consultant shall develop TSMO outreach materials such as dashboards, story maps, brochures, flyers, and web-content;
- The Consultant shall develop tools and applications that use geo-spatial technology such as GIS applications and performance dashboards;
- The Consultant may be required to provide inter and intra agency coordination and program outreach services, including social media presence and response support;
- The Consultant may be required to assist in TSMO training/ outreach materials development and dissemination;

- The Consultant may be required to provide overall program support to advance TSMO, CATS and ITS Asset Management in the agency;
- The Consultant may be required to develop telecommunications network concept layout, design and redundancy analysis including fiber, cellular, and CV2X applications; and
- The Consultant shall fully address and fully document all computer hardware and software to be used to perform the services required in this subject contract.
- And all other engineering professional services related to TSMO, ATM, ICM, & CATS Design & Technical Services

Some examples of work include, but are not limited to the following:

- Perform analysis of traffic accidents; congestion; vehicle capacity;
- Develop Origin-Destination and Signal System studies;
- Develop TSMO strategies, initiatives and projects;
- Develop Concept of Operations for TSMO strategies;
- Develop system engineering compliance documentation, such as Systems Engineering Management Plan, for TSMO strategies;
- Perform project planning, development and preliminary engineering design activities associated with the deployment of ITS field devices such as, but not limited to CCTV cameras, Dynamic Message Signs (DMS), Roadway Weather Information Systems (RWIS), and traffic speed detectors/sensors;
- Develop engineering design for TSMO initiative;
- The integration of CHART and the other transportation business unit's data and shared information;
- Create and implement congestion management, freeway and corridor traffic management, and incident management strategies;
- Develop and Support Traffic Control and Advanced Traveler Information Systems;
- Support big data analytics for TSMO performance management;

- Perform Strategic Planning, Policy Development and Legislative Research;
- Perform assessment of planned development and integration of general ITS applications such as Active Traffic Demand Management (ATDM) and TSMO tools into CHART;
- Support MDOT SHA's implementation of FHWA Every Day Counts initiatives and development of the STIC program;
- Develop and/or enhance the Transportation Emergency Management Plan which includes Homeland Security, natural and man-made disaster evacuation plans, etc;
- Implement Traffic Monitoring Technology Assessment and Design.
- And all other engineering professional work related to TSMO, ATM, ICM, & CATS Design & Technical Services

The following computer hardware and software shall be used to perform the services required and include, but not limited to:

- PC/desktop computers and laptops;
- Secured Internet and e-mail;
- Secured network;
- CADD;
- MicroStation;
- MDOT SHA compatible operating system - Microsoft Windows, Microsoft Project, ArcGIS/ ArcInfo/ AGOL, GPS, tablets, graphic design related software;
- Servers;
- Traffic engineering design and analysis tools; and
- i. Traffic analysis and modeling software such as VISSIM/ VISUUM, Synchro/ SimTraffic, HCS+, Cube Voyager/ Avenue, TransCAD/ Transmodeler.

NOTE: The consultant is required to certify in the Expression of Interest (EOI) that it can perform all elements of the project's scope through its own forces and those of its subcontractors.

3. Potential Restrictions:

The firm(s) selected for a given Contract may be required to provide architectural and/or engineering services for any MDOT SHA design and construction project, including Design/Build projects. This may limit the firm's potential for pursuing work with a contractor on the same Design/Build project after advertisement. State law, including State

Finance and Procurement Article 13-212. I of the Annotated Code of Maryland will dictate the Consultant's eligibility to pursue work on Design/Build projects after advertisement.

As per State Finance & Procurement, State Government Article 17-701 - 17-707 of the Annotated Code of Maryland the firm(s) selected for a given Contract will be required to provide "Certification Regarding Investments in Iran". Furthermore, selected firms must comply with the State of Maryland Executive Order 01.01.2017.25 Prohibiting Discriminatory Boycotts of Israel in State Procurement. See below 4(f).

4. **Required Information:**

The Consultant shall submit electronically the following per the specified requirements listed below:

- One (1) full PDF version of the Expression of Interest (EOI) submittal as well as Sub-Folders containing the associated individual PDF files for each Section required herein. Sub-Folders and Sections must be labeled to identify each accordingly. All PDF documents must follow the naming convention of [BCS #-Prime/JV Name]-Name Identifying the Document (ie. BCS 2021-09-ABC Firm-Letter of Interest).

The EOI comprised of:

- A. **One (1) Letter of Interest** - Limited to one (1) page which must contain the address of the firm's closest location to 7491 Connelly Dr., Hanover, MD 21076; information supporting the assertion that the Consultant has the financial capacity to provide the services requested; has measures in place to protect the State against errors and omissions; and provide the names, contact numbers and email addresses of the Primary Liaison, Disadvantaged Business Enterprise (DBE) Consultant Liaison Officer for Minority Affairs, and your firm's contact person for this procurement process. The Primary Liaison, DBE Liaison Officer, and the firm's procurement contact may be the same or different individuals.

NOTE: All pages (except for pages in Standard Form (SF) 330, and pages specified as 11 x 17) included within your submittal are required to be standard 8 ½ x 11 size with a minimum of a one-inch margin on all sides and no smaller than 11-point Times New Roman font. SF 330 Forms are to be completed without any changes to the electronic format. The front covers must clearly display the BCS Number, Project Services Title, Firm's Name. Sections in the EOI submittals must be labeled. Graphics and photos are acceptable but will not be considered in the evaluation process.

B. One (1) SF 330-

(Please note that US Government forms are to be completed with standard size typing and are not to be photo reduced. Computer generated forms are acceptable; however, the format and spacing should not be altered)

The SF 330 must be completed in its entirety paying special attention to the following:

I. Part I, Section E,

Key Staff. A separate Section E form should be completed for each Key Staff proposed not to exceed five (5) pages total. At least three (3) years of the required years of experience for each individual Key Staff shall be recent experience performed within the last three (3) years. The Consultant must document in writing in the SF 330 Section E that the Key Staff individuals meet the following requirements:

- a. **Key Staff 1:** An Engineering Program/Project Manager, with a minimum of a BS degree in Civil Engineering, Electrical/Electronic Engineering, Mechanical Engineering, Industrial Engineering or Planning, with a minimum of three (3) years of experience, and expertise in the planning, development, implementation, and management of Advanced Transportation Management Systems (ATMS), TSMO projects, Integrated Corridor Management (ICM), Active Traffic Management (ATM), Connected Automated Transportation Systems (CATS), and ITS project planning development and implementation, employed by the Prime/JV who will serve as the Project Manager and the Primary Liaison;
- b. **Key Staff 2:** A Professional Engineer (PE) registered in the State of Maryland and who is also a Professional Traffic Operations Engineer (PTOE), with a minimum of a BS degree in Civil Engineering, a minimum of three (3) years of experience, and expertise in ICM and ATM engineering and design, traffic signal system operations, regional ITS architecture development, update and compliance, and program development & management, employed by the Prime/JV who will serve as the Secondary Liaison;

- c. **Key Staff 3:** A Professional Engineer (PE), registered in the State of Maryland with a minimum of a BS degree in Civil Engineering, a minimum of three (3) years of experience, and expertise in strategic planning, traffic modeling, GIS analysis, big data analytics, performance management, traffic studies, crowd sourcing data analytics, and ATMS implementation, employed by the Prime/JV or any of the Subconsultants;
- d. **Key Staff 4:** An ITS/Systems Engineer with a minimum of a BS degree in Civil Engineering, Electrical/Electronic Engineering, or Systems Engineering, with a minimum of three (3) years of experience, with expertise in TSMO development, ATMS development and implementation, CATS program and technology advances, and monitoring/detection technology assessment/design/integration, employed by the Prime/JV or any of the Subconsultants; and
- e. **Key Staff 5:** A Communications/Outreach Personnel with a minimum of three (3) years of experience with communications and outreach, and expertise in GIS-based dashboard and tools development, visualization tools development, web content development, and social media data analytics, employed by the Prime/JV or any of the Subconsultants.

NOTE: Where Maryland Registrations are required for the professional Key Staff, the Consultant shall include in Section E, #17 of 18 on the SF 330 the words "**Maryland Registered**" and the Maryland License Registration Certificate Number for the individual. Section E. #17 of 18 of the SF 330 shall also include any required Licenses, including Type **of License, License Number, year it was initially issued and expires**, and any required Certifications, including Certification Type, Certification Number (if applicable) and the year it was issued and expires.

In addition to items **a.** and **b.** in Section E of the SF 330, Years of Experience shall document the total number of years of experience performing work in the required areas of expertise specified for this procurement.

Failure of the Consultant to properly document Key Staff requirements in writing will result in the firm being precluded from further consideration for the Project.

- II. **Part II General Qualifications.** The Consultant shall document personnel by discipline presently employed at the work location proposed. If more than one (1) location is being proposed by the Consultant, the Consultant should use a separate form for each location proposed and show the total number of personnel by discipline for all locations proposed. **Subcontractor personnel are not to be included.**
- III. **Outside Key Consultants** (Sub-Consultants) should be documented in Part I, Section C of the SF 330. Please follow the directions provided in Step VI below, Special Requirements - DBE Provisions to complete Section C 11 for MDOT certified MBE/DBE firms.

It is anticipated that Key Staff 2, 3, 4, and 5 will be required to provide engineering services on-site at MDOT SHA facilities to support the Traffic management/operations center, and OTMO's planning, development and project implementation activities.

- IV. **Part I – Section D – Organizational Chart** shall be limited to an 11 X 17-inch page with Times New Roman font size 10-point or larger. In addition, a separate Matrix is required to be placed behind Section D in the SF 330 that lists support personnel by name on the vertical axis with up to three lines of text explaining their experience relative to the projects needs on the horizontal axis. The support Personnel Matrix shall be limited to an 11 X 17-inch page with Times New Roman Font size 10-point or larger and one-inch margins.
- V. **Section F – Example Projects:**
Limited to five (5) example projects, each example project is limited to one (1) page for a total not to exceed five (5) pages. Photos are acceptable; however, all photos count in the overall space limitations for the page and are considered illustrations and are not rated. The Example Projects set forth shall be recent experience performed within the past ten (10) years. (Information provided in this section shall become part of the rating/evaluation criteria for this project).

VI. Section H-Additional Information

This section shall be limited to one (1) page and must certify that the Key Staff individuals meet the education, experience, registration/licensure, expertise, and all other professional qualifications specified in this advertisement. Please exclude any confidential personal information. Any information presented in Section H will be considered in the evaluation of the EOI.

C. Financial Responsibility and Insurance

- I. The consultant shall include a letter addressed to MDOT SHA setting forth evidence that the consultant has the financial capacity to provide the services and has measures of protection for the State against errors and omissions.
- II. The Consultant shall include a copy of the firm's current certification(s) of insurance, which should contain, at minimum, the following:
 - Carrier (name and address)
 - Type of insurance
 - Amount of coverage; which must include at a minimum of \$1,000,000 per occurrence of Professional Liability
 - Period covered by insurance; and
 - Any exclusions
- III. The amount of proposed coverage to be carried by a firm for each of the four (4) areas of insurance required shall be clearly stated on the insurance certificate. (i.e. Comprehensive General Liability Insurance, Professional Liability Insurance, Workers Compensation Insurance and Comprehensive Automobile Liability Insurance)
See Section III.A., A., VIII, pages 11 – 12 and the General Conditions pages 106-107 of the RFTP booklet/guidelines.
- IV. Insurance coverage will be one (1) of the areas evaluated during the EOI review. Failure of the consultant to submit satisfactorily to these requirements may result in the MDOT SHA rejecting the EOI. If your firm is technically selected for this project, the amount of insurance coverage may be the subject of negotiations. Any resultant contract will set forth the dollar amounts required for each of the four (4) areas of insurance,

D. Special Requirements-Investment Activities in Iran

As per State Finance and Procurement, State Government Article 17-701 - 17-707 of the Annotated Code of Maryland, a firm engaging in investment activities with companies appearing on the Investment Activities in Iran list is ineligible for bid/proposal/award. The Investment Activities in Iran list is located at www.bpw.mdot.maryland.gov of the Maryland Board of Public Works (BPW) web site. As per the BPW Advisory No.: 2013-11, Date Issued January 1, 2013, an officer of the Prime/JV firm shall provide a signed original certification as per language listed on the BPW Advisory page.

In preparing its bid/proposal on this project, the Bidder/Offeror has considered all bid/proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor, vendor, or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity on the basis of Israeli national origin, or residence or incorporation in Israel and its territories. The Bidder/Offeror also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. Without limiting any other provision of the solicitation for bid/proposals for this project, it is understood and agreed that, if this certification is false, such false certification will constitute grounds for the State to reject the bid/proposal submitted by the Bidder/Offeror on this project, and terminate any contract awarded based on the bid/proposal.

5. Special Requirements - DBE Provisions

The Maryland Department of Transportation (MDOT) hereby notifies all proposers that in regard to any contract entered pursuant to this advertisement; DBEs will be afforded full opportunity to submit an EOI in response to this notice and will not be subject to discrimination on the basis of race, color, national origin, age, sex or disability in consideration for an award (23 CFR § 200, 49 CFR § 21 and 26 and 49 CFR and Section 504 of the Rehabilitation Act of 1973).

It is the goal of MDOT that certified businesses participate in all contracts. Each contract may contain a goal for DBE participation, on a contract-by-contract basis. Consultants interested in submitting an Expression of Interest (EOI) must comply with the "SPECIAL PROVISIONS. AFFIRMATIVE ACTION REQUIREMENTS. UTILIZATION OF DISADVANTAGED BUSINESSES. THE

SURFACE TRANSPORTATION AND UNIFORM RELOCATION
ASSISTANCE ACT OF 1987, ISTEA OF 1991, MAP 21 OF 2012.
AND FAST ACT 2015.

To comply with the aforesaid SPECIAL REQUIREMENTS, Consultants who submit EOI's must clearly set forth the DBE Prime firm(s) and DBE subcontractor(s) proposed for goal attainment indicating:

- a. Firm's name and address,
- b. The proposed work,
- c. Percentage of total work,
- d. MDOT certification number, and
- e. Applicable NAICS

NOTE: DBE firms **must be** certified for the specific work to be performed to count their participation towards meeting the DBE participation goal. Only include applicable NAICS Code(s) for the services/work the DBE firm is proposed to perform in support of the project.

Proposed DBE firms **must be** certified by MDOT in those NAICS Code(s) **at the time** of the EOI submission and **remain certified** through contract award by MDOT to participate on federally funded Projects. When a certified DBE firm participates as a prime contractor (including a prime participating as a joint venture) on a contract, a procurement agency may count the distinct, clearly defined portion of the work of the contract that the certified DBE firm performs with its own forces toward fulfilling up to one hundred percent (100%) of the contract's DBE participation goal.

The Consultant's failure to **submit all** the required DBE information, in the specified areas, may result in the Consultant being disqualified from further consideration for the Reduced Candidate List on this Project, unless it is in the best interests of the State to seek clarification or additional information from the Consultant.

a. Contract Goals

For the purposes of this contract, a goal of **thirty (30%)** has been established for DBE participation. DBE proposers must meet the established DBE goal by either utilizing their own forces or approved DBE Subconsultant(s). Per 49 CFR 26.55(b), when a DBE performs as a participant in a joint venture, they may count a portion of the total dollar value of the contract equal to the distinct and

clearly defined portion of the work that the DBE performs with its own forces, toward the DBE goals and the proposed participation must be listed in Section C-11 of SF 330.

In addition to listing the DBE's, consultants must also list each non-DBE firm proposed in Section C of the SF 330 including the proposed work and percentage of work in Section C-11 of the SF 330.

6. **Additional Information:** MDOT SHA reserves the right to develop a Reduced Candidate List from those firms responding to this advertisement.
7. **Electronic Transfer:**By submitting a response to this solicitation, the Consultant agrees to accept payments by electronic funds transfer unless the State Comptroller's Office grants an exemption. The selected Consultant shall register with the EFT Registration, General Accounting Division using the COT/GAD X-10 Vendor Electronic Funds (EFT) Registration Request Form, available at <http://compnet.comp.state.md.us/gad/pdf/GADX-10.pdf>. Any request for exemption must be submitted to the State Comptroller's Office for approval at the address specified on the COT/GAD X-10 form and must include the business identification information as stated on the form and include the reasons for the exemption.
8. **Rating Criteria-**
The criteria to be used in evaluating EOI's for the creation of a RCL are:
 - Key Staff** - (Evaluated on a 30-point scale)
 - Example Projects** – (Rated either (A)acceptable, (U)nacceptable or (N)neutral)
 - (A) Acceptable-Response demonstrates they meet requirements
 - (U) Unacceptable-Response fails to demonstrate they meet requirements
 - (N) Neutral-Lacks prior MDOT SHA experience. Not a barrier to award.

NOTE: The **Key Staff** submitted in the Expression of Interest (EOI) will be evaluated to determine if they meet the minimum qualifications set forth in the Advertisement. If MDOT SHA chooses to rate and rank during the EOI phase to develop a Reduced Candidate List, MDOT SHA will carry forward the scores for the **Key Staff** (and Specialized Expertise, if applicable) into the Competitive Technical Proposal evaluation phase.

Technical Proposals Review Criteria

The sections of the Technical Proposals will be:

- | | | |
|----|--------------|---|
| a. | Section I | "Scope of Services" |
| b. | Section II | "Work Plan" |
| c. | Section III | "Key Staff" |
| d. | Section IV | "Time Distribution" |
| e. | Section V | "Subcontractors Commitment" |
| f. | Section VI | "(2) DBE Compliance Affidavits in this Section" |
| g. | Section VII | "Project Resume Questions" |
| h. | Section VIII | "Financial Capacity and Insurance" |
| i. | Section IX | "Example Projects" |
| j. | Section X | "State Protection Against Errors and Omissions" |

The major factors/criteria and their relative weight of importance to be used in evaluating Technical Proposals are:

Item	Score
Project Resume Questions	40%
Key Staff	30%
Work Plan	30%

The following items will be rated as either one of the following:

- (A) Acceptable-Response demonstrates they meet requirements
- (U) Unacceptable-Response fails to demonstrate they meet requirements
- (N) Neutral-Lacks prior MDOT SHA experience. Not a barrier to award.
 - Scope of Services (A/U)
 - Example Projects (A/U)
 - Past Performance (A/U/N)
 - Financial Responsibility (A/U)
 - Insurance (A/U)
 - Compatibility (A/U)
 - Capacity (A/U)
 - Measures of Protection for the State Against Errors and Omissions (A/U)

*Please Note: If an offeror receives a rating of "unacceptable" on three (3) of the rating criteria above, the offeror will not be further considered. The offerors' proposal will be rejected as 'not susceptible of being selected for award.' COMAR 21.06.02.03(2)

9. **Key Staff Replacement**-Key Staff replacements are allowed only if the staff is no longer employed by the firm. Key Staff replacement requests can be made **before or after** final selection. Key Staff replacements cannot be made to cure a deficiency in the originally proposed Key Staff or to raise the scoring. The process for substitution is as follows:

A letter outlining the reason for the change and the names of the Key Staff involved in the replacement request must be in writing and on the firm's/joint venture's letterhead along with a one (1) page qualifications resume per the requirements outlined in this solicitation.

Please note the following:

- All requests must be made in writing and outline the reason for the change, include the names of the Key Staff involved and include a maximum of a one (1) page resume as per the instructions set forth in the Project Resume.
- If the Key Staff have not been rated and received a score at the time the request is received, MDOT SHA reserves the right to score the originally proposed Key Staff to establish the base score.
- If there is a Key Staff subsequent request, then the score of the replacement must be equal or higher than the most recent approved Key Staff; however, the base score will remain the same.
- All requested Key Staff changes must be approved by MDOT SHA.
- All Key Staff substitutions will be evaluated using the same Competitive Technical rating criteria and the Key Staff replacement's score must be equal to or higher than the originally proposed Key Staff or the most recent approved Key Staff if subsequent requests for the same Key Staff are received.
- All scores will remain confidential by MDOT SHA

NOTE: The Consultant shall comply with the "Required Information" and "Special Requirements" set forth hereinafter when completing the aforesaid documentation.

10. Only e-mail copies of the Expression of Interest will be accepted. No response received after 12:00 P.M. (NOON) on the date specified for a Project will be accepted, no matter how transmitted. Submissions should be made to OPCM@mdot.maryland.gov.

The subject line of the Expression of Interest email submission must include the following:

- Expression of Interest Submission for BCS 2021-09
- Expression of Interest Service Title

The body of email must include the following:

- Expression of Interest Due Date and Time
- Firm Name
- Firm Address
- Contact Person for this Submission

Please respond by **April 8, 2021, prior to 12:00 P.M. (NOON)**

RESPOND TO:
Jada J. Wright
MARYLAND STATE HIGHWAY ADMINISTRATION
OFFICE OF PROCUREMENT AND CONTRACT MANAGEMENT
707 North Calvert Street
Baltimore, Maryland 21202

