

October 2, 2026

FORECASTED A&E SOLICITATIONS

To Whom It May Concern:

This notice serves to provide consultants with advanced information pertaining to upcoming Architectural and Engineering (A&E) contracts to be solicited through eMaryland Marketplace Advantage (eMMA) for the Maryland State Highway Administration (SHA).

eMMA is the official website used by SHA to solicit all A&E contracts. The below listed table provides consultants with a list of anticipated procurements to be solicited through eMMA. The list provided below is subject to change at the state's discretion without notice.

SHA will not disclose any additional information related to these procurements including timing, scope, or services requested.

All consultants must wait until the solicitation is posted on eMMA to ask questions related to these procurements.

BCS 2026-01 Construction Inspection of Various Structures, Statewide

No. of Contracts to be Awarded	Four (4)
Approximate Total Funding for # of Contracts	\$24 million total (6 million for each contract)
Forecasted Procurement Method	1-Step Procurement – Request for Technical Proposal
SHA Office	Office of Structures (OOS)
Anticipated Advertisement	N/A
Description of Services	The purpose of this contract is to establish five (5) year agreements with four (4) consultant firms to provide construction inspection for repairs to fixed and movable bridges, culverts, retaining walls, and other structures, statewide, for the State Highway Administration.

BCS 2026-02 Bridge Condition Inspections and Load Ratings, Statewide

No. of Contracts to be Awarded	Six (6)
Approximate Total Funding for # of Contracts	\$36 million total (6 million for each contract)
Forecasted Procurement Method	1-Step Procurement – Request for Technical Proposal
SHA Office	Office of Structures (OOS)
Anticipated Advertisement	N/A
Description of Services	The purpose of this contract is to establish five (5) year agreements with six (6) consultant firms to provide condition inspection of routine bridges, complex bridges and movable bridges which include underwater, structural, mechanical and electrical inspections, statewide. This contract is also intended to provide updated load ratings for all bridges, due to expanded federal load rating requirements.
BCS 2026-03 Engineering Design, Inspection, Construction Management, Asset Management & Support Services, Statewide	
No. of Contracts to be Awarded	Four (4)
Approximate Total Funding for # of Contracts	\$100 million total (25 million for each contract)
Forecasted Procurement Method	1-Step Procurement – Request for Technical Proposal
SHA Office	Office of Highway Development (OHD)
Anticipated Advertisement	N/A
Description of Services	To perform design and management services in the following general areas: engineering design, project and program planning and management, surveying, construction management services and support of SHA efforts to deliver highway projects and asset management programs (noise wall, drainage, stormwater, sidewalk, ADA, and bicycle), Sediment and Stormwater Program, Dam Safety efforts, etc. Tasks will include various preliminary and final engineering design services including but not limited to: highway design, noise walls,

	hydrology/hydraulics, stormwater management, erosion and sediment control, traffic engineering, maintenance of traffic, structural analysis and design, utility design, preparation of documentation to acquire environmental permits, support for public involvement activities, certain planning and preliminary design activities, preparation of cost estimates and specifications, constructability reviews, alternative delivery projects, process improvement services, construction estimate & specification reviews, construction scheduling, value engineering, Phase V (Construction Phase) support services, including construction management and inspection services, Plats and Surveys activities, utility designations and test pits, video pipe inspections, performance measurement, engineering data management, regulatory reviews for Sediment, Stormwater and Dam Safety; Project Management services; AASHTO reviews, QA/QC of design plans, Maryland Department of the Environment delegated authority activities, computations and other engineering documents, development of guidance documents and manuals; and consultant may be required to act as a General Engineering Consultant (GEC) to provide oversight and management of projects and/or programs being designed by other Consultants. The services also include providing on-site and/or on-call experts in the above-mentioned disciplines to support SHA as project managers in managing the design of such projects.
BCS 2026-04 Transportation Systems Management and Operations (TSMO) Planning, Design & Technical Support Services, Statewide	
No. of Contracts to be Awarded	Five (5)
Approximate Total Funding for # of Contracts	\$15 million total (3 million for each contract)
Forecasted Procurement Method	1-Step Procurement – Request for Technical Proposal
SHA Office	Office of Transportation Mobility and Operations (OTMO)
Anticipated Advertisement	N/A
	The scope of services sought under these contracts will include engineering design and planning activities, including but not limited to : TSMO Master Plan, systems engineering (SE) activities, transportation/traffic

Description of Services	operations analyses, modeling and simulation, big data analytics, performance management, engineering design, and integration support for OTMO's TSMO program statewide. The contracts will support the preparation of strategic planning and policy documents such as the SHA TSMO Strategic Plan, legislative research, benefits-cost analyses, asset management, development of incident and emergency management plans for freeways and arterials, and development and deployment support for ATM, ICM and CAV strategies. Analysis, modeling and simulation activities will include development, calibration and validation of macro-, meso- and micro-simulation 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 CAV data, 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 and SHA's involvement in various pilot studies and initiatives to support new/innovative technology testing and deployments for 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 OTMO's, SHA's and MDOT's strategic planning and technical analysis activities in the CAV, UAS and AMP focus areas. In addition, these contracts are expected to provide staffing for on-site engineering functions including client representation for construction management support/services.
BCS 2026-05 Pavement Management Engineering Services, Statewide	
No. of Contracts to be Awarded	Three (3)
Approximate Total Funding for # of Contracts	\$12.6 million total (4.2 million for each contract)

Forecasted Procurement Method	1-Step Procurement – Request for Technical Proposal
SHA Office	Office of Materials Technology (OMT)
Anticipated Advertisement	N/A
Description of Services	The purpose of this Statewide contract is to provide pavement management engineering services, statewide, for the State Highway Administration.
BCS 2026-06 Traffic Engineering and Design Services, Statewide	
No. of Contracts to be Awarded	Six (6)
Approximate Total Funding for # of Contracts	\$48 million total (8 million for each contract)
Forecasted Procurement Method	1-Step Procurement – Request for Technical Proposal
SHA Office	Office of Traffic and Safety (OOTs)
Anticipated Advertisement	N/A
Description of Services	The purpose of this Statewide contract is to provide engineering and design services for traffic control devices including signals, signing, lighting, pavement markings and ITS, provide program and project management, and to supply on-site engineering support.
BCS 2026-07 Comprehensive Environmental & Engineering Services, Statewide	
No. of Contracts to be Awarded	Seven (7)
Approximate Total Funding for # of Contract	\$63 million total (9 million for each contract)
Forecasted Procurement Method	1-Step Procurement – Request for Technical Proposal
SHA Office	Office of Planning and Preliminary Engineering (OPPE)
Anticipated Advertisement	N/A
	The purpose of this contract is to perform or obtain all environmental and engineering services, including but not

Description of Services	limited to: transportation purpose and need assessments, multi-modal evaluations, logical termini/independent utility analyses, engineering feasibility and transportation planning studies, alternatives analyses, and completing all stages of project planning and development; perform environmental and engineering inventories and field surveys; perform travel forecast modeling and traffic analyses, prepare cost estimates; complete engineering through final design up to PS&E plans; perform a variety of agency, public and stakeholder involvement activities; analyze growth management issues; analyze climate resiliency; conduct detailed environmental technical analyses for environmental documentation; prepare both draft and final environmental documents; support the development, implementation and management of the Statewide Planning and Research Program, System Preservation Program and Consolidated Transportation Program; and provide staff for on-site work as requested. The consultant will furnish all personnel, equipment, labor, computer software, materials, transportation, space, and related support facilities to perform these services and other duties as assigned.
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For all other SHA solicitations, please refer to the following links:

- For upcoming construction projects:
<https://www.roads.maryland.gov/mdotsha/pages/Index.aspx?PageId=17>
- For upcoming IT, professional services, and maintenance contracts:
<https://gomdsmallbiz.maryland.gov/pages/forecasting.aspx>