FY23 Advanced Digital Construction Management Systems (ADCMS)

This is only a summary; applicants should <u>not</u> rely on it to meet application requirements.
Study the full grant opportunity announcement before applying for any federal grant.

Program Description – The ADCMS Program is one aspect of the FHWA's multifaceted Technology and Innovation Deployment Program (TIDP) and provides funding as an incentive for State departments of transportation (State DOT). The program is intended to promote, implement, deploy, demonstrate, showcase, support, and document the application of ADCMS, practices, performance, and benefits.

Opportunity Numbers – 693JJ323NF00014	**Agency** – DOT FHWA	
Obligation Deadline: None listed, period of performance is 1-4 years after funds are authorized in FMIS	**Closing** – Aug 28, 2023, 11:59 PM EST	**BCA Required?** No
Available Funding: $34M	**NOFO & Related** –https://www.grants.gov/web/grants/view-opportunity.html?oppId=348923	
Minimum Award: Min award of $1M, Max award of $5M	**Eligible Project Cost Restrictions:** See Below	
Eligible Applicants: 　1.) State DOT's	**Required Cost Share:** Total federal share shall not exceed 80%	

Selection Criteria: Applications must describe, in detail with supporting documentation, how the project addresses each of these criterion, or else to expressly state that the project does not address the criterion. Insufficient information to assess any criterion will negatively impact the project rating.

Technical and Management Approach	Promotes efficient information sharing among stakeholders	Workforce Development, Job Quality and Wealth Creation	Accelerate technology adoption and deployment	Environment, Climate Change and Sustainability, and Equity	Safety

Additional Selection Considerations – After completing the merit review, among projects of similar merit, the FHWA will prioritize projects in which the prime Applicant will work in partnership with other State DOTs, local governments, Tribes, or private industry in designing and implementing their proposed projects. The FHWA will also prioritize projects that support the "Advancing BIM for Infrastructure: National Strategic Roadmap" and related concepts that enhance the exchange and management of digital asset information.

Eligible Activities/Program goals

- Accelerated State adoption of ADCMS applied throughout the construction lifecycle (including through the design and engineering, construction, and operations phases) that maximize interoperability with other systems, products, tools or applications; boost productivity; manage complexity; reduce project delays and cost overruns; and enhance safety and quality;
- More timely and productive information sharing among stakeholders through reduced reliance on paper to manage construction processes and deliverables such as blueprints, design drawings, procurement and supply-chain orders, equipment logs, daily progress reports, and punch lists;
- Deployment of digital management systems that enable and leverage the use of digital technologies on construction sites by contractors, such as state-of-the-art automated and connected machinery and optimized routing software that allows construction workers to perform tasks faster, safer, more accurately, and with minimal supervision;
- The development and deployment of the best practices for the use in digital construction management;

- Increased technology adoption and deployment by States and units of local government that enables project sponsors to integrate the adoption of digital management systems and technologies in contracts and to weigh the cost of digitization and technology in setting project budgets;
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- The development and deployment of the best practices for the use in digital construction management;
- Increased technology adoption and deployment by States and units of local government that enables project sponsors to integrate the adoption of digital management systems and technologies in contracts and to weigh the cost of digitization and technology in setting project budgets;

Eligible Project Costs –
Costs associated with the above listed eligible activities including through the design and engineering, construction, and operations phases.

Application & Narrative Requirements – SF-424, SF-424A, Technical Application (15 pages), Budget Application, Additional Supporting Documents (10 pages)