

National Advanced Driving Simulator (NADS)

ACTIVE

Contract Opportunity

Notice ID

693JJ921D000039

Related Notice

Department/Ind. Agency

TRANSPORTATION, DEPARTMENT OF

Sub-tier

NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION

Office

693JJ9 NHTSA OFFICE OF ACQUISITION

Award Details

- **Contract Award Date:** May 31, 2023
- **Contract Award Number:** 693JJ921D000039
- **Task/Delivery Order Number:**
- **Modification Number:** 002
- **Contractor Awarded Unique Entity ID:**

General Information View Changes

- **Contract Opportunity Type:** Justification (Updated)
- **All Dates/Times are:** (UTC-04:00) EASTERN STANDARD TIME, NEW YORK, USA
- **Updated Published Date:** May 01, 2023 11:42 am EDT
- **Original Published Date:** May 01, 2023 11:25 am EDT
- **Inactive Policy:** 30 days after published date
- **Updated Inactive Date:** May 31, 2023
- **Original Inactive Date:** May 31, 2023
- **Authority:** FAR 6.302-1 - Only one responsible source (except brand name)
- **Initiative:**
 - None

Classification

-
- **Product Service Code:** AJ15 - GENERAL SCIENCE & TECHNOLOGY R&D SVCS; GENERAL SCIENCE & TECHNOLOGY; R&D FACILITIES & MAJ EQUIP

- **NAICS Code:**
 - 541715 - Research and Development in the Physical, Engineering, and Life Sciences (except Nanotechnology and Biotechnology)
- **Place of Performance:**

Iowa City , IA 52242

USA

Description

To accomplish the work to be performed under this contract, task orders will be issued. The task orders will provide NHTSA with access to support services involving the use of NADS. This includes access to various components of the NADS hardware platform, software routines and other simulators, and related services that cover data analysis and technical and administrative support.

Task Orders will be of variable scope and duration based on the research needs of NHTSA. The primary focus of these efforts will be to use the unique features of the NADS facility placing drivers in experimental situations that are not possible on test tracks or open roads (e.g., research on imminent collision and distracted driving scenarios).

Once a project is identified, the agency will provide a request for proposal to the University that includes a statement of work detailing the specific requirements of the task order. In response, the contractor shall provide a proposal that adheres to the requirements of the labor categories, descriptions, and qualifications as outlined in the contract. The agency will evaluate the proposal in accordance with the proposal criteria and award a task order if it is determined that the proposal will meet NHTSA's requirements.

In general, the University shall provide support services in the areas of human factors, engineering, systems and operations, vehicle dynamics, data reduction and analysis, medical expertise, and technical and administrative support, as deemed appropriate within individual task order awards. Subject areas that may be addressed include:

1. Advanced technology (ITS)
2. Vehicle handling & dynamics
3. Braking (e.g., ABS)
4. Advanced driver assistance systems
5. Usability/acceptability of driver- vehicle interfaces
6. Driver emergency response
7. Alcohol and drug impairment
8. Driver distractions and workload

9. Novice drivers
10. In-vehicle information systems
11. Test track or field testing to complement simulator-based data collection
12. Older drivers
13. Drowsy drivers
14. Ergonomics
15. Electronic stability systems
16. Driver behavior, driver risk taking, speeding
17. Weather/environment issues
18. Heavy vehicle issues
19. Visibility from vehicles
20. Vehicle sensors
21. Displays and controls
22. Simulator research and support, including validation and scenario development

Attachments/Links

Download All Attachments/Links
Attachments

Document	File Size	Access	Updated Date
Contract 693JJ921D000039 EXECUTED JOFOC National Advanced Driving Simulator Final.pdf (opens in new window)	337 KB	Public	May 01, 2023

Contact Information

Contracting Office Address

- OFFICE OF ACQUISITION MANAGEMENT 1200 NEW JERSEY AVE SE, ROOM W51-30
- WASHINGTON , DC 20590
- USA

Primary Point of Contact

- **Danna Brooks**
- danna.brooks@dot.gov

Secondary Point of Contact

- **Reba Dyer**
- reba.dyer@dot.gov