

Vehicle Safety Research

ACTIVE

Contract Opportunity

Notice ID

693JJ921R000034

Related Notice

693JJ921R000034

Department/Ind. Agency

TRANSPORTATION, DEPARTMENT OF

Sub-tier

NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION

Office

693JJ9 NHTSA OFFICE OF ACQUISITION

General Information

- **Contract Opportunity Type:** Solicitation (Updated)
- **All Dates/Times are:** (UTC-04:00) EASTERN STANDARD TIME, NEW YORK, USA
- **Updated Published Date:** Aug 26, 2021 02:20 pm EDT
- **Original Published Date:** Aug 04, 2021 09:01 am EDT
- **Updated Date Offers Due:** Sep 13, 2021 11:00 am EDT
- **Original Date Offers Due:** Sep 06, 2021 11:00 am EDT
- **Inactive Policy:** 15 days after date offers due
- **Updated Inactive Date:** Sep 28, 2021
- **Original Inactive Date:** Sep 21, 2021
- **Initiative:**
 - None

Classification

- **Original Set Aside:**
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- **Product Service Code:** H923 - OTHER QC/TEST/INSPECT- GROUND EFFECT VEHICLES, MOTOR VEHICLES, TRAILERS, AND CYCLES
- **NAICS Code:** 541380 - Testing Laboratories
- **Place of Performance:**

Description

The research efforts conducted under this contract will be performed through issuance of a task order that will provide a range of research skills that will be used to plan, conduct vehicle safety research tests such as dynamic crash tests, static and dynamic rollover tests, sled tests and static tests for late model production and/or modified vehicles. Another research effort is in the area of pedestrian testing. For some of these tests NHTSA requires development and fabrication of test devices and test fixtures for evaluating both vehicles and dummies. The Contractor also shall be required to provide quality control (QC) as a result of the data. As part of this research, VSR performs vehicle safety research tests, such as vehicle-to-vehicle, vehicle-to-barrier, sled tests, rollover tests, and additional impact tests, to determine the type of crash response of occupant restraints and human surrogates anthropomorphic test dummies (ATDs) undergo in vehicle crashes. This also requires handling, instrumentation, and qualification testing of ATDs. Another research effort is in the area of pedestrian testing. This may include dynamic or static testing of the exterior of the vehicle. NHTSA also performs static test of vehicle components to determine the performance of a vehicle components in the real-world crashes. In performing these dynamic and static test NHTSA may have to build test devices to achieve its goal.

Attachments/Links

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Attachments

Document	File Size	Access	Updated Date
RFP 693JJ921R000034_Amendment 0001.pdf (opens in new window)	838 KB	Public	Aug 26, 2021
Response to Questions RFP 693JJ921R000034.pdf (opens in new window)	773 KB	Public	Aug 26, 2021
RFP 693JJ921R000034.pdf (opens in new window)	964 KB	Public	Aug 04, 2021
Attachment-J.1 AirbagRestraintRemoval.pdf (opens in new window)	101 KB	Public	Aug 04, 2021
Attachment-J.2 VehicleConditionReport.pdf (opens in new window)	106 KB	Public	Aug 04, 2021

Document	File Size	Access	Updated Date
Attachment-J.3 DummyDamageChecklist.pdf (opens in new window)	205 KB	Public	Aug 04, 2021
Attachment-J.4 ObliqueTest procedureJuly2018.pdf (opens in new window)	49 MB	Public	Aug 04, 2021
Attachment-J.5-FrontalTest procedureSept2020_v1.pdf	30 MB	Public	Aug 26, 2021
Attachment-J.5-FrontalTest procedureSept2020_v1.pdf (opens in new window)	24 MB	Public	Aug 26, 2021
Attachment-J.6 Laboratory Test Procedure for the Research Side Impact Moving Deformable Barrier Test.pdf (opens in new window)	20 MB	Public	Aug 04, 2021
Attachment-J.7 Laboratory Test Procedure for the Research Side Impact Rigid Pole Test.pdf (opens in new window)	11 MB	Public	Aug 04, 2021
Attachment-J.8 Disclosure of Lobbying Activities.pdf (opens in new window)	33 KB	Public	Aug 04, 2021
Attachment-J.9 Hypothetical_Task.pdf (opens in new window)	180 KB	Public	Aug 04, 2021

Contact Information

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