

# Crash Data Acquisition Network (CDAN)

## Operations and Maintenance Services

ACTIVE

### Contract Opportunity

#### Notice ID

693JJ921RQ000887

#### Related Notice

#### Department/Ind. Agency

TRANSPORTATION, DEPARTMENT OF

#### Sub-tier

NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION

#### Office

693JJ9 NHTSA OFFICE OF ACQUISITION

## General Information View Changes

- **Contract Opportunity Type:** Sources Sought (Updated)
- **All Dates/Times are:** (UTC-04:00) EASTERN STANDARD TIME, NEW YORK, USA
- **Updated Published Date:** Jun 29, 2021 05:34 pm EDT
- **Original Published Date:** Jun 22, 2021 11:17 am EDT
- **Updated Response Date:** Jul 07, 2021 12:00 pm EDT
- **Original Response Date:** Jul 07, 2021 12:00 pm EDT
- **Inactive Policy:** 15 days after response date
- **Updated Inactive Date:** Jul 22, 2021
- **Original Inactive Date:** Jul 22, 2021
- **Initiative:**
  - None

## Classification

- **Original Set Aside:**
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- **Product Service Code:**
- **NAICS Code:** 541512 - Computer Systems Design Services
- **Place of Performance:**

## Description

The principal objective of this IT Contract is to support the continuous operation, maintenance, and enhancement of the applications, system architecture and automated data processing capabilities of the NCSA the Crash Data Acquisition Network (CDAN) Information Technology (IT) Investment, including all Investigative-based and Records-based Studies operating within it. The work includes general support to maintain the platform as well as platform changes, enhancements and modifications to meet the annual requirements for both data and operational needs.

The active CDAN Studies share and use common resources of infrastructure, architecture and business applications as described in detail within the following subsections. The Contractor shall be responsible for technology-related operations activities for all of the investment components, including primary data collection applications, utility and support applications, user applications, central operations and data processing, analytical data applications, and timely publication of the analysis data files as these systems transition from CDAN pilot status into full operation beginning in January, 2016.

In order to ensure consistency during the transition to the new CDAN systems, including the associated CDAN components necessary to support data collection, the legacy systems which they are replacing are scheduled to continue parallel operations through the end of calendar year 2016. The Contractor will participate in knowledge transfer and necessary operational modifications (as negotiated between the Contractor and NHTSA) during this year of parallel operations. At the end of calendar year 2016, the product of DataMod is scheduled to be fully operational and the legacy programs will be fully consolidated.

The FARS data collection applications are transaction processing routines that serve the data collection staff in each of the 50 States, the District of Columbia, and Puerto Rico. The CRSS (formerly NASS GES) and Non-Traffic Surveillance System data collection applications are transaction processing routines that serve the data collection staff currently located at two Zone Center offices in Texas and New York. The central operations for all primary application architecture needs are the facilities currently located at the DOT Southeast Federal Center (SFC) site where State data records are transmitted, tested for quality, and aggregated into the data warehouse. The Office of the Chief Information Officer (OCIO) is the primary party responsible for maintaining the development, testing, backup and production environments. The contractor will work in partnership with the OCIO to ensure all database and application level needs are met. The Contractor will defer all work required for the hardware, storage and server requirements at the operational system level and below to OCIO. This said, the Contractor is responsible for ensuring that the requirements for OCIO to setup and maintain the environment are clearly understood. The Contractor shall support the NCSA crash data analytical software applications, the public web site applications,

production of the analytical data files, and the private (DOT-wide / NHTSA-wide) Intranet applications. The Contractor shall also manage and operate the data operations center for all application, database, application-based messaging, and other supporting server computers. The Contractor will also work in cooperation with the NHTSA/DOT's infrastructure and networking teams to ensure the operation of the system components achieve program requirements. The Contractor shall manage the program's communications network and provide all needed support to assure sufficient service availability for the program's operations. This work includes ensuring the messaging modules and methods for communicating with the users through the CDAN platform are maintained and updated as deemed necessary. Currently, CDAN has a centralized messaging module that is built into the CDAN Single Sign On (SSO) portal as its primary mechanism of messaging to users. In addition, the Contractor shall be responsible for all CDAN data collection field hardware (i.e. tablet PC) assessment, procurement, staging, deployment, and patching activities. This work includes ensuring that users are setup appropriately when they obtain new hardware for both device accounts as well as application software. This may include acquisition of hardware for use within the platform, which will be funded based on requirements and availability of funding. The Contractor must be able to secure on-hand equipment, maintain inventory of spares according to customer (NHTSA) specifications, and provide distribution capabilities to customers.

The Contractor will be required to work closely with the CDAN Data Products and Services (DPS) teams to ensure application standards are followed and integration points are collaboratively considered.

Another major objective of this contract is to provide support for IT training activities within the NCSA office. The two major CDAN programs and respective systems that require annual training are the FARS and CRSS (formerly NASS GES) components. FARS collects information on all motor vehicle crashes that result in a fatality. The data maintained in the FARS system provides support for operations, maintenance, and development of the program's analytical application systems and websites. Data for CRSS come from a nationally representative sample of police reported motor vehicle crashes of all types, from minor to fatal. Its purpose is to identify traffic safety problem areas, provide a basis for regulatory and consumer initiatives, and form the basis for cost and benefit analyses of traffic safety initiatives. Training on each of these programs/systems will be provided by the Contractor using a combination of webinars and face-to-face instruction at a System Wide Training (SWT) conference, FARS and CRSS semi-annual new analyst training. (The annual SWT conference is normally held in December at a conference facility.) The Contractor shall also provide support and content for eTraining Course Modules, as well as user guidance and assistance,

all of which will be made available within the NHTSA Training Management System (TMS) interface for internal users.

The Contractor will have a transition period with the current development support vendor for the CDAN studies of no less than 120 days, after which the Contractor shall be fully responsible for technology-related operations activities for all of the studies mentioned above, including data collection applications, central operations and data processing, and analytical data applications.

The Contractor shall provide all the necessary qualified personnel, facilities, materials and services to perform the work in accordance with the Statement of Work, Section C, and other terms and conditions of contract, for the effort entitled, "Information Technology (IT) Operations & Maintenance (O&M) and Development Support for National Center for Statistics & Analysis (NCSA) Automated Data Systems".

## Attachments/Links

Request Access [Download All Attachments/Links](#)  
Attachments

Document	File Size	Access	Updated Date
<a href="#">Revised Draft CDAN SOW.pdf</a> (opens in new window)	3 MB	Public	Jun 29, 2021
<a href="#">Sources Sought Notice (693J921RQ000887) CDAN Final.docx</a> (opens in new window)	29 KB	Public	Jun 22, 2021

## Contact Information

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