

# CAN-AACN Research Plan Pilot Project

Active

Contract Opportunity

Notice ID

693JJ920RQ000030

Related Notice

Department/Ind. Agency

TRANSPORTATION, DEPARTMENT OF

Sub-tier

NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION

Office

693JJ9 NHTSA OFFICE OF ACQUISTION

## General Information

- **Contract Opportunity Type:** Sources Sought (Original)
- **All Dates/Times are:** (UTC-05:00) EASTERN STANDARD TIME, NEW YORK, USA
- **Original Published Date:** Nov 07, 2019 04:09 am EST
- **Original Response Date:** Nov 15, 2019 03:00 pm EST
- **Inactive Policy:** Manual
- **Original Inactive Date:**
- **Initiative:**
  - None

## Classification

- **Original Set Aside:**
- **Product Service Code:** R - SUPPORT SVCS (PROF, ADMIN, MGMT)
- **NAICS Code:** 541611 - Administrative Management and General Management Consulting Services
- **Place of Performance:**

Washington , DC 20590

## Description

Action Code: S

Classification Code: R408, Program Management Support Services

Solicitation: 693JJ920RQ000030

Agency/Office: National Highway Traffic Safety Administration (NHTSA)

Location: National Highway Traffic Safety Administration HQ

NAICS Code: 541611, Administrative Management and General Management Consulting Services, \$16.5M.

Point of Contract: Vincent Lynch, Contracting Officer, ph(202) 366-9568

Title: CAN-AACN Research Plan Pilot Project

### Description(s):

The National Highway Traffic Safety Administration (NHTSA) is issuing this Sources Sought Notice to identify potential qualified Small Business (SB), Small Disadvantaged Business (SDB), 8(a) Certified SDB, HUBZone SB, SDVOSB, or WOSB concerns that may be interested in and capable of performing the work described herein to provide to procure the services of a company, college/university, or research and/or public safety organization, to produce a document containing the requirements necessary to develop and execute a plan for a pilot project/proof of concept that measures the potential benefits of AACN/ACN in the field, using current technologies. This document would necessarily include information on suggested strategies for working with all of the entities that would be involved in such a pilot, which include ACN/AACN technology providers, 911 agencies and EMS agencies.

NHTSA welcomes all qualified certified Small Business concerns with the appropriate NAICS Code and past experience to submit their Corporate Capability Statements that demonstrate

their ability to successfully accomplish the goals of the proposed project as listed below. In addition to soliciting on the open market, the government may decide to later limit its competition to those qualified GSA MOBIS Schedule holding contractors listed under SIN 874-1, Integrated Consulting Services and/or 874-7, Integrated Business Program Support Services. NHTSA does not intend to award a contract on the basis of responses to this notice or otherwise pay for the preparation of any information submitted. Acknowledgement of receipt of responses will not be made; and no formal evaluation of the information received will be conducted by NHTSA. NHTSA may; however later on issue a Request for Proposals (RFP). However, should such a requirement fail to materialize, no basis for claims against NHTSA shall arise as a result of a response to this notice.

## **BACKGROUND:**

The National Highway Traffic Safety Administration's (NHTSA) mission is to save lives, prevent injuries, and reduce traffic-related health care and other economic costs. The agency develops, promotes, and implements effective educational, engineering, and enforcement programs with the goal of ending vehicle crash tragedies and reducing economic costs associated with vehicle use and highway travel. The mission of the National 911 Program, which is housed within NHTSA's Office of Emergency Medical Services (OEMS), is to provide Federal leadership and coordination in supporting and promoting optimal 911 services.

The mission of the National 911 Program, which is housed within NHTSA's Office of EMS, is to provide Federal leadership and coordination in supporting and promoting optimal 911 services. Emergency medical services relies on a properly functioning communication system that enables providers to efficiently and expeditiously provide medical services to crash victims.

An automatic crash notification (ACN) system is an emerging safety technology designed to notify emergency responders that a MVC has occurred and provide location data with crash notification. In most cases, when the ACN sensor detects either that an air bag has deployed or there's been a dramatic and sudden car deceleration, the system automatically transmits location data with crash notification. so emergency responders can easily locate and reach the scene of the crash. Current systems are either embedded in vehicle or Blue-tooth-enabled using user's linked cell phone while driving. ACN systems have the potential to reduce death and disability 1) more efficiently dispatching appropriate EMS resources (e.g., basic vs. advanced life support, helicopter) to the MVC scene and 2) more effectively allowing for

transport decisions to be made to route victims to appropriate medical care. More lives can be saved and the severity of injuries reduced if a crash victim receives appropriate medical care as soon as possible. ACN is especially beneficial to MVC victims in rural areas, where there are typically fewer or no witnesses or bystanders to call emergency responders.

Advanced Automatic Collision Notification (AACN) is the successor to Automatic Collision Notification (ACN). By using a collection of sensors, vehicle telemetry systems with AACN capabilities transmit crash data/analyzed crash data if a vehicle is involved in a moderate or severe crash. Depending on the type of system, the data include information about crash severity, the direction of impact, air bag deployment, multiple impacts, and rollovers. This information can be relayed to 911 telecommunicator and dispatchers, helping them to quickly determine the appropriate combination of emergency personnel, equipment, needed at the MVC and enables responders to decide where to take victims for the appropriate level of medical and trauma care.

**OBJECTIVE:**

The Contractor shall develop and execute a plan for a pilot project/proof of concept that measures the potential benefits of AACN/ACN in the field, using current technologies.

**Capabilities:**

The corporate capability statement must address the capabilities necessary to accomplish the scope outlined above as well as the additional tasks and characteristics given in the attached draft SOW.

**Format of Corporate Capabilities Statement:**

Any interested qualified Small Business (SB), Small Disadvantaged Business (SDB), 8(a) Certified SDB, HUBZone SB, SDVOSB, or WOSB concerns should submit their Corporate Capability Statement, which demonstrates the firm's ability and past experience in no more than 10 pages to perform the key requirements described above to the identified NHTSA point of contact listed herein.

Any proprietary information should be marked as such. All respondents are asked to certify the type and size of their business organization is in-line with the requirements of this

Sources Sought Notice, and must be received no later than 9 calendar days from the date of publication of this notice.

## Attachments/Links

[Download All Attachments/Links](#)

Attachments

| Document                                                                           | File Size | Access | Updated Date |
|------------------------------------------------------------------------------------|-----------|--------|--------------|
| <a href="#">Draft_SOW_-_693JJ920RQ000030.pdf (opens in new window)</a>             | 118 KB    | Public | Nov 07, 2019 |
| <a href="#">Sources_Sought_Notice_-_693JJ920RQ000030.pdf (opens in new window)</a> | 24 KB     | Public | Nov 07, 2019 |
| file uploads                                                                       |           |        |              |

## Contact Information

### Contracting Office Address

- WASHINGTON , DC 20590

### Primary Point of Contact

- **Vincent Lynch**
- [vincent.lynch@dot.gov](mailto:vincent.lynch@dot.gov)
- Phone Number 202-366-9568