



## Request for Proposals (RFP)

### *Fort Carson Transportation Testbed Project - Engineering Services*

#### *Questions and Answers (updated 10/25/19)*

**Question:** What dependencies do you have for this effort as it relates to schedule? The RFP states the contract should conclude on 1/15/20, and we are wondering if this is a hard deadline or if there is some flexibility given holidays coming up and staff availability during those times.

- **Answer:** This is not a hard deadline. There will be some flexibility with regards to schedule, though US Ignite is looking to wrap the work up for this scope no later than the end of January 2020.

**Question:** Are you thinking you will need the selected firm to provide technical support services as it relates to the outputs being inputs into the procurement documentation and through implementation?

- **Answer:** We do not think technical support services will be required at this time.

**Question:** We are looking at partnering with XYZ Company, a firm that has two “checks” in the small disadvantaged business categories. Will that work with what you are all thinking?

- **Answer:** Yes, absolutely! Subcontractors and other companies are required to be based in the United States.

**Question:** If we were successful with this proposal, would our firm be eligible to compete for next steps and other efforts related to effort?

- **Answer:** Yes, your firm will be eligible for future RFPs. However, these future opportunities will be separate RFP processes - no preferential treatment will be given to previous winning proposers for future RFP releases. All proposers for this RFP and future RFPs will be treated fairly.

**Question:** What is the approx. area in square miles of the test bed?

- **Answer:** Fort Carson is 8.7 square miles (census-designated place) and 214 total square miles. We do not expect the entire base to be connected via sensors and the Autonomous Vehicle (AV) pilot project.

**Question:** What applications beyond connected vehicles are being considered?

- **Answer:** This will include multiple vehicles and sensors deployed on base. That detailed information will be shared at a later date in a future solicitation. US Ignite is in conversations with its project partners now regarding other pilot initiatives beyond the AV initiative.



**Question:** What spectrum is to be considered in this evaluation? Is this something which the consultant will have to identify?

- **Answer:** Correct, the consultant should consider spectrum options, including Citizens Broadband Radio Service (CBRS) and other options suitable to Fort Carson.

**Question:** Are there any target data rates identified already?

- **Answer:** The network shall be designed to support autonomous shuttles that will include high performance computers and advanced driver assistance systems (ADAS) sensors in addition to the LIDAR/RADAR and camera data that is envisioned to flow through the network. Bandwidth shall also be kept available for other auxiliary supporting sensors such as environmental sensors, traffic counts sensors etc.

**Question:** What level of interoperability is expected between AT&T commercial network and the new network?

- **Answer:** We have not selected AT&T as a commercial partner for this project, but we are interested to understand options for connecting with commercial networks that are currently available on the base.

**Question:** As part of the consultant responsibility, is the E2E architecture including core elements to be delivered?

- **Answer:** Correct, the consultant will be responsible for providing to the US Ignite and partners an end-to-end (E2) architecture, including core elements, that fits the needs of the project goals while meeting Fort Carson's requirements.