

Train Detection System (TDS) Pilot Project – Phase 1
RPC Task No. A-1.19TDA: FY-19 UPWP

Questions about Request for Proposals/RPC Responses

June 25, 2018

Q: Does RPC intend to develop a complete system engineering analysis (beyond the concept of operations) that would help identify functional requirements, minimize risk and enhance performance of the system that is deployed instead of just a concept of operation?

A: The consultant will assist RPC in developing key elements of the concept of operations. The basic requirements for the detection system (generic components) are being sought as part of the study.

Q: Can RPC provide further information on the choice of the detection system and sample of the data available for the simulation?

A: Based on the concept of operations and with input from the Project Management Committee, the desired functions of the TDS will be identified and the consultant will need to determine what types of hardware and software will be needed to provide the desired results. Sample data will need to be estimated based on initial test data provided by the RPC and other stakeholders. This data will be used for sample testing purposes along with the sample output files to understand and test ease of use.

Q: Are all potential proposers required to use a specific detection system?

A: No. A specific (hardware/software) detection system has not been identified at this time.

Q: The development of the mobile app is supposed to be let in Phase 2, however as part of the Phase 1 task a beta test is required. Typically, beta testing is performed in the final stages of software development. Is it the intent to provide a functional mobile application in Phase 1 of the TDS pilot project?

A: The goal is to develop a conceptual system to address the needs of the stakeholders, to provide a concept of how the system will be designed, and a proof of concept that shows the system could operate as intended. It is anticipated that subsequent design and procurement activities (Phase 2) work efforts may be undertaken by other stakeholders.