ANNOUNCEMENT: Funding Opportunity and Pre-publication Conference

The Oregon Department of Transportation (ODOT) seeks to contract with a qualified firm or consortium for the ideation, planning, development, demonstration, implementation, operation and maintenance of a Connected Vehicle Ecosystem that will support Road Usage Charging and Intelligent Transportation System safety and mobility applications. **A Request For Proposals (RFP) will be issued in November 2021; a pre-publication conference is scheduled for Tuesday October 26, from 3:30 p.m. to 5:00 p.m. Pacific time.** Details follow.

Connected vehicle technology and road usage charge programs are both emerging solutions to address disparate challenges. The intersection of these will enable the next generation of funding for transportation infrastructure. Connected Vehicle Ecosystems are being developed to support a system operator's need to enhance safety and mobility on the transportation system; while road use charging programs are designed to address transportation funding deficits by aligning taxation with roadway usage, as opposed to the more traditional fuel tax.

ODOT's Office of Innovative Funding will issue an RFP for a Connected Vehicle Ecosystem partner or consortium to develop a connected vehicle data exchange platform under the Oregon Innovative Partnership Program. Combining Connected Vehicle Ecosystem and Road Usage Charging solutions in a demonstration will validate compatibility, identify potential risks, enhance interoperability, and help build a more scalable system. Once deployed, the Connected Vehicle Ecosystem will support both Road Usage Charging and safety and mobility applications to improve traffic operations, particularly through Intelligent Transportation System Connected Vehicle applications. The Connected Vehicle Ecosystem will also provide a platform for connected vehicle data gathering and distribution, creating a link to communicate information to and from vehicles on the highway system. The Connected Vehicle Ecosystem must be capable of handling the massive volume of messages generated by connected vehicles within a scalable model.

ODOT expects the Connected Vehicle Ecosystem to be developed through a multi-year, multi-phased approach. The initial project phase will collaboratively develop the system architecture and design and will plan the project phases needed to demonstrate and build out the system. ODOT has secured $12M in grant and project funding for this initiative with the possibility of $2M in additional grant funding pending federal decision. Funding for each project phase will be dependent on successful completion of previous project phases.

An RFP will be issued in November 2021 on the OregonBuys platform. To receive the RFP announcements, please register through OregonBuys. Please note: OregonBuys is the state's new web-based eProcurement System; it has replaced ORPIN (Oregon Procurement Information Network).

Suppliers must register for an OregonBuys account to be able to respond to open bid opportunities. Registration is free and takes just a few minutes: https://oregonbuys.gov/bso/

An online **Pre-publication Conference for Connected Vehicle Ecosystem RFP will be held October 26, 2021 from 3:30pm to 5:00 p.m. Pacific time.**

Pre-registration is required. Please email: Roberto.COTO@odot.state.or.us

The Pre-publication Presentation materials will be available in the **Connected Vehicles** section of the Office of Innovative Funding website Friday October 24, by 5:00 p.m. Pacific time.

https://www.oregon.gov/ODOT/Programs/Pages/Connected-Vehicles.aspx

After the presentation, you may submit questions to the Office of Innovative Funding about this solicitation until **Friday November 5, 5:00 p.m. Pacific time**. The Office will publish submitted questions and answers on the Connected Vehicles web page by Friday, November 19th, 5:00 p.m. Pacific time. To submit questions, please email us at **officeinnovation@odot.state.or.us.**