

# REQUEST FOR INFORMATION



<b>RFI No.:</b>	N/A	<b>Close Date:</b>	Nov. 3, 2011	<b>Time:</b>	5 p.m. – Close of Business
<b>Description:</b>	<b>Oregon Public Safety Broadband Network (OPSBN)</b>				
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## Request for Information – Expression of Interest (RFI-EI) Background Information for the Oregon Public Safety Broadband Network (OPSBN)

The State of Oregon's Department of Transportation, Major Projects Branch (MPB) is seeking information from network service providers, systems integrators and manufacturers regarding ideas for providing a Long Term Evolution Public Safety Broadband Network Proof-of-Concept Pilot (LTE PSBN Pilot) in a limited area for a finite period. MPB is flexible with regard to timing, duration and extent of the geographic area to be involved with the LTE PSBN Pilot. MPB is seeking this information in anticipation of decisions regarding the "D Block" spectrum have been finalized and funding becomes available.

The LTE PSBN Pilot is intended to support the long term goal of deploying an Oregon Public Safety Broadband Network (OPSBN) for emergency responders and related functions.

In the near-term, the goal of the LTE PSBN Pilot is to leverage State resources, including Public Safety Spectrum Trust (PSST) bandwidth of 763-768 and 793-798 MHz, possible backhaul capacity in the I-5/I-84 corridors, and trained first responder teams, to evaluate the benefits of commercial LTE technologies (such as user devices, radio access network, network and bandwidth management, back haul network, core, and user applications).

The LTE PSBN will not take the place of public safety Land Mobile Radio (LMR) for supporting mission critical voice services; rather, the new broadband network will augment public safety activities by enabling mission support applications. MPB differentiates "mission support" as less demanding for reliability and redundancy than "mission critical." MPB intends to issue a Request for Information – Expression of Interest (RFI-EI) as an important first step, seeking industry input to help define the services and network that best serves the needs of the State of Oregon.

To this end, a set of draft RFI-EI questions have been compiled and are being released for industry comment. After incorporating industry input on the Draft RFI-EI, MPB intends to then issue a formal RFI-EI to seek information on provider capabilities. Industry responses to the formal RFI-EI would be used to develop an anticipated Request for Proposal (RFP) for the LTE PSBN Pilot. The Pilot RFP would subsequently be used to select one or more entities to conduct an LTE PSBN Pilot in the selected region. Finally, the results and measured performance from the LTE PSBN Pilot would be used as input to developing an RFP for the phased-deployment of an OPSBN.

To assist MPB in identifying interested and qualified parties for receipt of the RFI-EI, please answer the two questions in Part A, Responder Qualification, below.

Please provide written comments regarding the attached Draft RFI-EI document. The responses to the two questions in Part A and comments on the Draft RFI-EI are due no later than November 3<sup>rd</sup>, 2011. Responses should be limited to a letter of transmittal containing answers to the two questions in Part A, as well as industry comments regarding the attached Draft RFI-EI.

- A. Industry Interest: Please answer the following questions. Note that the responses to these questions are not binding but are intended to inform MPB regarding the capability and interest of potential public

safety LTE service providers. Responses to the two questions in Part A shall be a maximum of two (2) pages. ***The answers and comments on the Draft RFI-EI are publicly releasable and shall not include proprietary information.***

1. Do you have the budgeted and technical capability to conduct a LTE PSBN Pilot in an area on the I-5 Corridor in Oregon? Briefly explain your answer.
  2. What team, technical solution would you propose and LTE version would you target for a LTE PSBN Pilot in September 2012?
- B. Industry Comment: MPB is especially interested in areas that are felt to be missing, unclear, or require additional emphasis. With regard to length of responses, MBP requests that industry comments on the attached Draft RFI-EI be limited to a suggested page count of five (5) and a recommended maximum of ten (10) pages. ***The answers and comments on the Draft RFI-EI are publicly releasable and shall not include proprietary information. Note that the Draft RFI-EI questions themselves do not require a response at this point in time.***

Please submit an electronic response in both Microsoft® Word and PDF (Adobe® Acrobat®) file formats to the contact identified below (An e-mail response is acceptable).