

Q&A

Attachment 01 is raised to provide answers to the first round of bidder questions and provide the following note to Bidders.

Please email adel.kulaib@forces.gc.ca and reference W8486-238666/A for a French copy of this attachment.

1. Brief description of what you want to measure and the test setup.

The probe will provide measurement of Electromagnetic Environmental Effect on Electrically Initiated Devices (EIDs).

The LCA Fiber connector will be connected to a RADSENS 2 signal conditioner.

2. What is the temperature/pressure range (Min & Max) ?

0 °C to +120 °C

3. In what kind of environment, the sensor will be used?

EMI/RFI Susceptibility; Electronic Explosive Devices type application

4. Response time needed?

<5ms

5. Precision needed?

< 35 dB below NFT

6. Confirm if the sensor will be immersed? · If yes, please describe (immersion length, ...).

No

8. Size restriction (if any) ?

See model number that details the size

9. Material restriction (if any) ?

See model number that details the material restriction

10. What is the distance between the sensor and the signal conditioner ? (It's to calculate the cable length)

1.5 m

11. Do you require an analog output signal to an external device ?

The OTG-R sensor uses the technique based on the temperature dependent bandgap of GaAs as the temperature transduction mechanism.