



INNOVATION NETWORK

Call for Innovation (CFI)

Objective:

On behalf of the Maneuver Center Of Excellence (MCOE) and in support of their Defense Industry Day on 27 April 2010, the EDGE Network is requesting member collaboration to provide the following capability.

Requested Innovation:

Currently RSTA Squadrons conduct missions as land owners in both Afghanistan and Iraq Maneuver elements require the ability to acquire and engage targets from under armor at ranges of 2000m+ with an integrated remote weapons station with LRAS3 3rd Gen FLIR equivalent sighting systems.

CFI: GDLS is currently designing and demonstrating a fully stabilized Remote Weapon and RSTA Station (RWaRS). This station is capable of both remote and back-up manual operation. It is designed to accept more advanced sensor arrays than the current CROWS II RWS in use by the Army. There is a need to find as many sensor arrays as possible to satisfy the target acquisition requirements for extended ranges desired by the Scout User. Some examples of sensors that need to be investigated are the new 2nd Gen 480x4 common module FLIR developed by Raytheon for RWS applications and CEOS-like ball sensors from FIIR Systems, Raytheon, DRS, Axisys and LM Gyrocam.

Targeted Timelines:

- Confirmation of interest in CFI and request for Government supporting document by 17 May 2010*
- Quad chart (per MCOE format) due to MCOE 2 July 2010**

*The Government supporting documents include capability related information, quad chart requirements, MCOE process details, and government contacts. To request this document send an Email to edgeinnovation@gdc4s.com

**The EDGE staff recommends all quad charts be submitted via the EDGE to reinforce our collaborative processes. If you would like to support this please submit to the edgeinnovation@gdc4s.com by 28 June 2010, otherwise submit directly per the MCOE guidelines.

The following EDGE member proposed this CFI and may have additional information, please contact directly if interested.

- Chris Cardine, GDLS, 586.825.7761, cardinec@gdls.com

The EDGE can help identify members to collaborate with, provide subject matter expertise where appropriate, and/or peer review quad charts if desired. Contact information is:

- Rob Granau, EDGE, 480.441.5510, robert.granau@gdc4s.com