

**Technology for FORCENet Science and Technology (S&T) - Large Tactical Sensor Networks II**

**BAA 07-026**

**Questions and Answers**

**(Updated as of 06 June 2007)**

**Question #8:** Where along the spectrum from research code (6.1) to milspec code is the software tools deliverable intended to be?

**Answer #8:** At the end of the effort, the code should be at a Transition Readiness Level (TRL) 6, which is defined as a “prototype demonstration in a relevant environment”.

**Question #9:** Are the intelligence requirements an input to this tool or will the tool need to generate requirements based on commander’s intent?

**Answer #9:** The tool should generate the optimized sensor placement or sensors to be utilized based on the commander’s intent.

**Question #10:** Regarding thrust area 6.4.2, Multi-INT Sensor Data Preparation for Network Understanding, do you intend that offerors address all of the data sources listed in their proposal, or is it acceptable to address one or more of them?

**Answer #10:** It is acceptable to address one or more of them.

**Question #11:** Where is the place of performance expected to be?

**Answer #11:** The place of performance will take place at the contractor’s facility. On page 28 of the BAA it mentions that Offerors should assume that 40% of meetings(review) will be at or near ONR, Arlington VA and 60% at other contractor or government facilities.

**Question #12:** There is a large list of sensors listed in capability area 6.4.1. Must proposals in response to this area address all the listed sensors or can it provide solutions to a subset of them? The same question goes for capability 6.4.2, which lists four data types to be processed. Can a proposal address the processing of only a subset of these data types?

**Answer #12:**

A Proposal that addresses a subset (or one) is acceptable and expected.

**Question #13:**

I have a few questions about section 6.4.3:

- 1.) For \*Level one\* data fusion what are the attributes, fields or identifiers that you want the data fusion algorithms to be applied to?
- 2.) When it is mentioned that fusion of disparate data on similar entities is required, Are the entities mentioned here troops, assets or sensors?
- 3.) Is the data fusion required to be done in real time on data obtained from on-field sensors or it is done off-line once the data from various entities is available?
- 4.) What specific targets you would like to achieve from this data fusion for e.g. is it force protection, asset protection or database development for decision making etc?

**Answer #13:**

- 1.) Examples include faces, voices, phone numbers, IP addresses, email addresses, names, etc..
- 2.) Entities are persons, groups of people, vehicles, groups of vehicles, places, groups of places, events or groups of events.
- 3.) Initial implementations and demonstrations are presumed to be done at the analyst level, away from the sensors, but using all raw and processed data which is available. The research should suggest the most expeditious location for the processing (at the sensor or at a fusion center) in order to create actionable intelligence to the warfighter.
- 4.) This effort should strive to assist in specific targeting of entities in the prevention of, or “left of” attacks in the Global War on Terror. Knowing more about an entity and its relationship to other entities and events should aid in expeditious decision-making. For example, if a suspicious person is spotted during a routine patrol, the warfighter should be given all information known on this person to immediately make a decision on appropriate action.