(U) LIDAR Consolidated Processing UFR BCMPB

+ **Who:** (U) LIDAR Consolidated Processing Capability Study

+ **What:** (S) This study will establish a LIDAR data processing environment at that includes the minimum processing capability required to process daily collections of LIDAR platforms. It will also cover any other hardware requirements for network connectivity within the facility and high-end workstations for the data processing team members.

+ **Why:**

+ **Where:** (S) A good candidate site to house this consolidated LIDAR PED capability is MSD seniors have discussed this with personnel and they concur with this recommendation. 

+ **When:** (S) With security approval to bring hardware into the system can be in a usable state to start testing within of contract award.

+ **How:**
  - **Cost:**
  - **Spend Plan:** Recommend a 6 month study be conducted. Existing contracts can be modified to add required personnel, and hardware can be procured within of funds receipt.
  - **Contract type:** CPFF
  - **Funds category:**


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(U) LIDAR Storage Capability Study UFR BCMPB

+ **Who:** (U) LIDAR Consolidated Storage Capability Study

+ **What:** (S) This study will establish a LIDAR data storage environment at [redacted] that includes the minimum capability to store all data collected in the past managed LIDAR platforms [redacted] and expected collection over the next [redacted].

+ **Why:**

+ **Where:** (S) A good candidate site to house this consolidated LIDAR storage capability is [redacted] MSD seniors have discussed this with [redacted] personnel and they concur with this recommendation. (b)(3)

+ **When:** (U) This activity can be established within [redacted] of receipt of funds and will be conducted over a six month period. Activities include contract actions, hardware procurement, installation, data ingest, security documentation required to get hardware into facility (Not enough time for full C&A).

+ **How:**
  - Cost: [redacted]
  - Spend Plan: ILFR
  - Contract type: CPFF
  - Funds category: [redacted]
(U) LIDAR Data Standards Collaboration UFR BCMPB

+ **Who:** (U) LIDAR Data Standards Collaboration Effort

+ **What:** (U) This UFR has three parts. Approval will facilitate MSD membership at the It will allow MSD to establish LIDAR data and algorithm standards, and will allow for the modification of decision support system for use in LIDAR standardization decision making.

+ **Why:**

+ **Where:** (U) Activities supporting these activities will be conducted Government personnel will work and contractors will work

+ **When:** (U) Government and contractor personnel will be hired immediately after funding is awarded. The contract to make the decision support software LIDAR centric, will be awarded within of funding.

+ **How:**

  * **Cost:**
  
  * **Spend Plan:** Funding for personnel and services provided for these activities will support 6 months of activity and LIDAR centric modification of the decision support software.
  * **Contract type:** CPFF
  * **Funds category:**

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(U) LIDAR Network Study UFR BCMPB

Who: (U) LIDAR Network Capability Study

What: This study will establish a LIDAR communications network capable of delivering up to [redacted] LIDAR data every [redacted].

Why:

Where: Test to be conducted between existing LIDAR processing facility in [redacted].

When: (U) Will be passing traffic through the established network in the [redacted] after funding awarded. Activities include [redacted].

How:

Cost:

Spend Plan: One month to submit RFP and receive responses. One month to get selected company on contract. [redacted] of passing LIDAR data from [redacted]. This is a capability study. Follow on efforts will seek funding through other channels.

Contract type: CPFF

Funds category: [redacted]