



**PENNSYLVANIA STATE POLICE
DEPARTMENT HEADQUARTERS
1800 ELMERTON AVENUE
HARRISBURG, PA 17110**

**IFB 6100063445
SPECIFICATIONS
PSP BESO UAX SYSTEM
AND DRONE PACKAGE**

Contract Scope/Overview:

The Pennsylvania State Police (PSP), Bureau of Emergency and Special Operations (BESO) is issuing this Invitation for Bid (IFB) to procure one Base Station NG - UAX payload (4x Radio Cards) and one DJI Matrice 350 with accessories. This is a no substitute solicitation for the products listed in the specifications provided.

Specifications for the UAX system

The Base Station NG - UAX Payload (4x Radio Cards) is a 4-Radio multi-technology, frequency agile cellular transceiver payload for UAV applications designed for Search & Rescue operations, cellular intelligence gathering, and geo-location of mobile handsets.

Included are the following:

- The system is configured with up to four (4) fully flexible transceiver (FTX) cards for scan, decode and capture of GSM, UMTS, LTE and 5G NSA bands (FDD/TDD) and is fully '5G NR ready' and covers Frequency bands; FDD 1,3,7,8,20,28,5 and TDD 40,38 & N77/78.
- DJI-350 Matrice with extra batteries, charging system, controller, IP radios, cables, antenna stand, antennas, and carrying case.

Contract Quantities

- This is for one Base Station NG - UAX payload (4x Radio Cards) system and one DJI Matrice 350, with accessories, which carries the UAX payload.

Manufacturer Authorization Letter

If the bidder submitting a response to this IFB and is not the original manufacturer of the equipment being provided, the bidder must submit a Manufacturers Authorization Letter which clearly states the bidder is authorized to provide the OEM's equipment and services required by this IFB. The Manufacturers Authorization Letter must reference "IFB 6100063445 – PSP BESO UAX SYSTEM AND DRONE PACKAGE". As part of this letter the manufacturer must also acknowledge their responsibility for any warranty issues.

Delivery Requirements:

All products shall be delivered fully factory assembled and duty ready. The Base Station NG - UAX payload (4x Radio Cards) and DJI Matrice 350 with accessories shall be delivered to:

Pennsylvania State Police
Bureau of Emergency and Special Operations
Electronic Surveillance Section
171 E. Hersheypark Drive
Hershey, PA 17033