

STATEMENT OF WORK
FOR
GLOBAL HAWK PAYLOAD ENGINEERING SUPPORT
NASA Call Order NND10PP19T
July 2010

TASKS

1. The Contractor shall provide NASA Global Hawk Unmanned Aerial System (UAS) specific Senior Aerospace Engineering support to the ongoing operation and capability expansion of the DFRC Global Hawk Program. This support shall include the following:
 - A. Provide engineering support for all aspects of the program, including:
 - (i) Provide NASA Global Hawk UAS platform and payload C3 expertise and assist with design, development, test, and operations of the NASA payload related aspects of the aircraft system.
 - (ii) Perform as the Payload Systems Lead. As such, shall be responsible for expansion of payload system capabilities as needed; oversee all new module development activity, testing, and operational implementation on the NASA Global Hawk.
 - (iii) Perform as the Payload System Manager for the science instruments associated with the GRIP '10, HS3, and ATTREX airborne science missions on the Global Hawk and other science instrument customer inquiries. As such, shall provide Global Hawk systems engineering and payload integration planning support, including coordination with contractor IDIQ activity.
 - (iv) Coordinate the technical activities by contractors associated with the development, integration and testing of the GOLD, LVIS, and UAVSAR-Pod instruments for the NASA Global Hawk.
 - (v) Perform other technical support as directed by the NASA Global Hawk Project Manager.
 - B. Attend all meetings, teleconferences, and planning sessions as directed.
2. Provide a monthly activity summary, reviewing the technical activity accomplished and the travel associated with that support.

TRAVEL

All travel will be pre-approved by NASA Dryden Flight Research Center. All travel costs incurred will be in accordance with the Joint Travel Regulations (JTR).

PERIOD OF PERFORMANCE

The period of performance for this task order will be for three (3) months after award.