

Title: MID PERFORMANCE UNMANNED ARIAL VEHICLE - UAV

Solicitation: NNA15558605Q-RAJ

QUESTIONS AND ANSWER SET 1

Q1) Some components required for the UAV that we propose have lead times of 4-6 weeks. Can NASA adjust the delivery date to 6-8 weeks from award?

A1) NASA has wind tunnel testing to subject this vehicle starting on October 19, 2015. To prepare for this test, NASA needs a vehicle delivered by October 9, 2015, at the latest. NASA may be able to adjust the delivery date to 6 to 8 weeks from award only if the vendor can loan NASA a working aircraft by October 9. This loaner aircraft does not need to have ADS-B but should have the same airframe and flight controller as one that is being purchased. If the vendor proposes a loaner vehicle, include that information in your proposal, including full details about when the purchased aircraft will be delivered, any charges associated with the loan, liability to the government in case of damage, etc.

Q2) What operational training is required, if any, and where is training to be conducted?

A2) Required operational training include operation of the aircraft using ground control station and remote controller, and basic maintenance such as battery replacement. The training should be conducted where NASA's Memorandum of Agreement Between the National Airspace and Space Administration and the Federal Aviation Administration allows flights. The exact location will be determined after the aircraft is delivered.

Q3) Is the UAV required to have air worthiness certification and if so will that be conducted by NASA?

A3) Air worthiness certification is not needed.

Q4) Is an FOM required?

A4) We are not sure what FOM stands for. If it is "Follow on Maintenance", FOM is required for a limited time. For example, software update is expected to be supported for at least 1 year.

Q5) Is the over 15 Lbs requirement AUW or aircraft only?

A5) We are not sure what AUW stands for. The 15 lb in "Maximum Takeoff Weight (MTOW) heavier than 15lb" specification includes aircraft and payload.

Q6) Are there any payload requirements, such as a pilot camera, onboard flight recorders, GPS locator for lost birds?

A6) There are no payload requirements. However, the UAV must be able to carry a minimum of 3lb payload.

Q7) What are the power requirements or limitations, electric, gas, hydrogen fuel cell?

A7) Limitation: no internal combustion engine (ICE) allowed.

Q8) Are you expecting an over the counter production unit or custom built solution?

A8) An over-the-counter production unit is expected. ADS-B (Mode S Transponder with ADS-B out) is to be installed into that unit.

End of Question and Answer Set 1