

ANNEX 4

CAPABILITY STATEMENTS PREPARATION INSTRUCTIONS

Responses must address the following overall characteristics / constraints so SDPE can evaluate a respondent's ability to meet the USAF's notional requirements in view of the constraints of Section 804 of the FY2016 NDAA and Section 806 of the FY2017 NDAA. Performance parameters for the aircraft can be found in Annex 1. Draft experimentation events can be found in Annex 2.

1. General aircraft characteristics and dimensions, features and equipment configuration, combat equipped IAW Annex 1.
2. Airworthiness
 - Note: Capability Assessment of Non-Developmental Light Attack Platforms has been determined by the USAF Technical Airworthiness Authority (TAA) as a Public Aircraft Operation (PAO), therefore, the USAF will be the airworthiness authority responsible for issuing the airworthiness flight authorization. Therefore, applicants will be required to obtain a USAF TAA-issue Military Flight Release (MFR) prior to any flight operation associated with the Flying Experiment. The USAF will commission an Independent Review Team (IRT) to conduct the airworthiness assessment, which is required to support issuance of an MFR.
 - 2.1. Applicants shall provide a detailed plan outlining their approach to fulfilling appropriate USAF airworthiness requirements, described in USAF Airworthiness Bulletin (AWB)-1012, USAF Airworthiness Requirements for Contractor-Owned and Contractor-Operated Aircraft.
 - 2.2. In addition to information/data submitted to the USAF TAA, required by AWB-1012, applicants shall describe their approach to reviewing the following data with the USAF AW IRT:
 - 2.2.1. Type design (with adequate technical substantiation data, analysis and tests)
 - 2.2.2. Any airworthiness certifications/certificates applicable to the type design (e.g., FAA certs, DoD Service certs, etc.)
 - 2.2.3. Other pertinent certifications (e.g., SEEK EAGLE, Non-Nuclear Munitions Certification, etc.)
 - 2.2.4. Current or planned testing and certifications, including sensors and munitions certifications
3. Maintenance and operations manuals and procedures, to include aircrew operating handbook / flight manual (T.O. 10A-X-1) and certified / approved airplane flight manual for the aircraft as part of the response package to this ITP.
4. Flight Manual Performance Data (T.O. 10A-X-1-1), to include as a minimum configuration, performance and fuel usage data (where applicable) for takeoff, climb, cruise, endurance, landing, rate of climb, and climb speed up to service ceiling at standard day and non-standard day temperatures for varying aircraft

- weights from empty weight up to maximum takeoff gross weight for various payloads defined in Annex 3.
5. If available, draft Non-Nuclear Weapon Delivery Manual (T.O. 10A-X-34-1-1) or equivalent covering installed sensors, stores management, expendables, and weapons for experimentation as defined in Annex 2.
 6. Applicant's aircraft and instructor availability and requirements to provide four to eight USAF experiment aircrew event qualification training for a two-week training period.
 7. One or more plans for complying with the Buy American Act.
 8. Provide appropriate documentation to support evaluation of the responses based on criteria 1 to 7 in Annex 5.

Response Composition

Responses to the ITP must be organized according to the sections outlined below. Please limit your responses to a page count of five pages or less for Section One and fifty pages or less for Section Two (minimum 11pt font and single spaced).

Response Section One

Provide administrative information in Section One of your response in a Microsoft Word compatible document. Address at least the following in Section One:

- Company name
- Point of contact (POC) name
- Mailing address
- Overnight delivery address (if different from mailing address)
- Phone number
- Fax number
- E-mail address of POC

Response Section Two

Provide the information requested in items 1 thru 8 above in Section Two of your response. Please provide responses in Microsoft Word compatible documents, Microsoft PowerPoint compatible presentations, Adobe pdf files, Microsoft Excel compatible spreadsheets, or any combination thereof.

Submit responses in both electronic (soft) and printed (hard) copy form. Submit electronic copies via e-mail to patrick.kelleher.3@us.af.mil not later than **1600 hours Eastern Time 21 calendar days from ITP release date**. Title e-mail responses in the subject line of the e-mail as follows: "Response for Participation in Capability Assessment of Non-Developmental Light Attack Platforms".