



Global Hawk Communication System Modernization Program (CSMP)

Solicitation Number: GH-SSS-2016-1

Agency: Department of the Air Force

Office: Air Force Materiel Command

Location: AFLCMC/PK - WPAFB (includes PZ, WL, WW, WI, WN, WK, LP, WF, WK)

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Sources Sought

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336 -- Transportation Equipment Manufacturing/336411 -- Aircraft Manufacturing

Synopsis:

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This Sources Sought Synopsis (SSS) is issued by the Air Force Global Hawk (GH) Program Office in order to assist the GH Communication System Modernization Program (CSMP) team, hereafter SPO, to establish an acquisition strategy. Based on the responses to this sources sought synopsis, a Request for Proposal is anticipated to be released in the second quarter of FY17. The period of performance is anticipated to be up to three years. The SPO is seeking potential candidates to replace End of Life equipment and modernize the Aircraft Integrated Communications Suite (AICS) and the Ground Integrated Communications Suite (GICS) hosted in GH aircraft and ground platforms.

The Global Hawk system is a high altitude, long endurance Remotely Piloted Aircraft (RPA) with integrated sensor systems and Ground Segments (GS) that provide Intelligence, Surveillance, and Reconnaissance (ISR) capabilities to joint warfighters. Northrop Grumman Systems Corporation (NGSC), Rancho Bernardo, CA, is currently the prime contractor for the development, manufacture, modernization and sustainment of the GH system.

This SSS is being published for market research purposes only. The Government will neither award a contract solely on the basis of this synopsis nor will it reimburse the contractor for any costs associated with preparing or submitting a response to this notice. If the Government decides to award a contract for this or a related effort, a solicitation will be separately published and posted on the FedBizOpps website. There is no solicitation available at this time. Requests for solicitation will receive no response. This synopsis does not constitute a Request for Quotation, Request for Proposal (RFP) or an Invitation for Bid (IFB), nor does this issuance direct or restrict the Government's current or any required future acquisition approach in meeting Global Hawk requirements.

CSMP, projected to be an ACAT II program, is a non-recurring engineering and modernization effort which will replace the aging, unsupportable legacy communication system currently operating in GH air vehicles and ground

segments. CSMP scope includes procurement of Commercial off the Shelf (COTS)/Non-Development Items (NDI) along with the design, development, and testing required to field a complete communications solution for both air vehicles and ground segments. CSMP scope will span from development and test through the completion of Operational Test & Evaluation to fielding on all air vehicles and at all main operating bases and forward operating locations. CSMP will require extensive hardware and software modifications on board the aircraft and ground segments. CSMP must integrate with capability deliveries fielded in the Ground Segment Modernization Program (GSMP). CSMP will also enhance GSMP by providing modernized communications systems which can support multiple building based cockpits. CSMP will allow both the ground segment equipment and air vehicle to become more maintainable and interoperable by using Open Mission System (OMS) standards. It is envisioned that OMS will provide a more maintainable and supportable system, including sufficient technical data to enable plug and talk upgrades. When finished with development, a full complement of testing will be conducted to ensure the system performs as designed and is fully compliant with current mandates and interoperability and capability requirements.

The SPO seeks potential vendors with the capability to provide all necessary supplies, services and personnel to complete CSMP as described below and in Attachment 1. Contractor support for CSMP will include but is not limited to:

- System development and/or modification(s) •Systems Engineering
- Integrated Program Management and Management reporting
- Testing / Test support
- Systems Integration including interoperability with other platforms/users
- Product Support, including Diminishing Manufacturing Sources and Materiel Shortages (DMSMS)
- Training
- Studies and Analyses
- Sustainment, including repair and operations support
- Logistics support to minimize operational impacts during retrofits

The GH program has evolved and been restructured several times. Firms must recognize that the Government will not provide drawings or detailed technical data. As of this date, the only data that is available is technical orders and operating manuals. The contractor must possess or obtain complete technical knowledge and understanding of the GH AICS and GICS, how they integrate into the aircraft and ground platforms, and the systems that the communications suite interoperates with to complete GH missions.

Firms interested in providing supplies and services should review and complete a Capabilities Narrative in accordance with Attachment 2 using standard business formats. The capabilities narrative should be 10 pages or less (not including title page) and clearly demonstrate the company's ability to meet the stated requirements listed above and in Attachment 1. The font shall be Times New Roman and no smaller than 10 point with at least a one-inch margin. Recent, relevant experience in all areas should be provided, including whether this experience was as a prime or sub-contractor, whether it was in support of a Government or commercial contract and the scope of the experience/size of the program. Teaming and/or subcontracting arrangements should be clearly delineated, indicating previous experience in teaming, particularly with teammates identified for the CSMP effort.

The Government reserves the right to contact the submitting parties as required, for further clarification on material provided. In addition, the Government will use its assessment of the information and other research to determine which sources appear qualified to perform the work required by the Government. Respondents will not be notified of the results of the assessment.

Please submit one (1) electronic copy of Capabilities Package in MS Word™ 2010 or higher to James Pilson, Contract Negotiator, at james.pilson@us.af.mil. Documents should be submitted no later than 31 Aug 2016, 5:00 PM EST.

Sources Sought Synopsis**Type:** Other (Draft RFPs/RFIs, Responses to Questions, etc..)**Posted Date:** August 1, 2016[SSS Requirement Task ATT 1.docx](#) (13.22 Kb)**Description:** Attachment 1: Sources Sought Synopsis Requirements/Tasks List[SSS Capabilities Package Requirements ATT 2.docx](#) (15.90 Kb)**Description:** Attachment 2: Sources Sought Synopsis Capabilities Package Requirements**Contracting Office Address:**

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Place of Performance:

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Opportunity History■ **Original Synopsis**

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