SOURCES SOUGHT
B-1B Lancer Digital Antenna Electronics (DAE) Upgrade

OBJECTIVE:

The B-1B Lancer requires resilient, highly accurate navigation and timing capabilities to operate effectively in contested, GPS-degraded, and GPS-denied environments. The integration of advanced anti-jam capabilities through the GAS-1 CRPA requires updated Digital Antenna Electronics to process signals effectively before routing them to the aircraft's primary navigation systems. The Government is exploring options for a modernized DAE that bridges the GAS-1 CRPA with current and future navigation systems and be able to fully process and support M-code GPS encryption modes while adhering to strict Size, Weight, Power, and Cost (SWaP-C) constraints.

SCOPE:

The Government is seeking to identify potential sources and industry capabilities to provide a Digital Antenna Electronics (DAE) unit for the B-1B Lancer. The proposed DAE must be fully compatible with the GAS-1 Controlled Reception Pattern Antenna (CRPA) P/N 01-01664 and be able to fully process and support M-code GPS encryption modes.

REQUEST FOR INFORMATION DETAILS:

1. AFLCMC/WBK is requesting information from industry as part of market research to determine interest level and size of qualified vendors.

2. THIS IS A SOURCES SOUGHT ONLY. It is not a Request for Proposal, a Request for Quotation, an Invitation for Bid, a solicitation, or an indication the US Air Force (AF) or AFLCMC/WBK will contract for the items contained in the sources sought. AFLCMC/ WBK will not pay respondents for information provided in response to this sources sought.

3. The Government is requesting information from vendors of all business sizes including socioeconomic programs such as 8(a), Historically Underutilized Business Zone (HUBZone), Women Owned Small Business, or Service Disabled Veteran Owned Small Businesses (SDVOSB) that are interested in performing this requirement. The Government requests interested parties submit a brief description of their company's business size (i.e., annual revenues and employee size), business status (i.e., 8(a),HUBZone, or SDVOSB, Women Owned Small Business, or small business), and any anticipated teaming arrangements. The Government will use this information in determining its small business set-aside decision.

4. Interested parties should submit a capabilities package, with a cover letter, that is brief and concise, yet clearly demonstrates ability to meet the stated requirements with sufficiently qualified personnel. Provide qualification information (type and duration of employee experience relevant to the requirements) and the level of involvement (prime or sub-contractor) and time periods for work on similar projects. The capabilities package should clearly present evidence that the interested party is fully capable of providing the required services and as such may contain any information that the interested party feels is relevant.

4. Responses must be submitted in PDF format, not exceeding 15 pages (excluding cover page and administrative notes). Include technical ad descriptive text and photographs/ illustrations to provide sufficient detail.

5. Responses to this sources sought are requested by 3PM, CDT, 11 September 2026. All responses shall be unclassified and reviewed to ensure consideration. All responses, correspondence, and/or questions related to this matter should be e-mailed to:

E-mail: cory.milford@us.af.mil
Phone: (405) 739-4489

E-mail: michael.acree.8@us.af.mil

Attachments:
RFI for DAE Final