Trusted Aircraft Information Program Download Station (TADS) & Common Mission Debrief Program (CMDP) Sustainment

CAUTION:

The Government is conducting market research to identify potential sources that may possess the expertise, capabilities, and experience to meet the requirements for sustainment of the Trusted Aircraft Information Program (AIP) Download Station (TADS) and Common Mission Debrief Program (CMDP) for use by United States Air Force (USAF) personnel. Contractors/Institutions responding to this market research are placed on notice that participation in this survey may not ensure participation in future solicitations or contract awards. The government will not reimburse participants for any expenses associated with their participation in this survey.

The Government does not own or have access to the data for these items. The Government has determined that this system is not a commercial item.

Samples are not available for potential supplier to evaluate.

Contractor shall furnish all material, support equipment, tools, test equipment, and services. The contractor is responsible for providing, maintaining, and calibrating all support equipment required at their facility or a subcontractor's facility. Contractor furnished material or parts used for replacement shall equal or exceed the quality of the original material or parts.

The known sole source contractor for this effort is Telspan Data.

Reference FAR 15.201, "Exchanges with Industry before Receipt of Proposals," and FAR 52.215-3, "Request for Information or Solicitation for Planning Purposes" for additional information.

INSTRUCTIONS:

1. Below is a description of the TADS & CMDP requirements and a Contractor Capability Survey which allows you to provide your company's capability.

2. If, after reviewing these documents, you desire to participate in the market research, you should provide documentation that supports your company's capability in meeting these requirements. Failure to provide documentation may result in the government being unable to adequately assess your capabilities. If you lack sufficient experience in a particular area, please provide details explaining how you would overcome the lack of experience/capabilities in order to perform that portion of the requirement (i.e., teaming, subcontracting, etc.)

   a. Identify any areas of work that your organization believes should be broken out exclusively for Small Business.

3. Both large and small businesses are encouraged to participate in this Market Research. Joint ventures or teaming arrangements are encouraged.

4. Questions relative to this market survey should be addressed to Capt. Edward Mitchell at Edward.Mitchell.3@us.af.mil.

Trusted Aircraft Information Program Download Station & Common Mission Debrief Program Sustainment

PURPOSE/DESCRIPTION

The Government is conducting market research to identify potential sources that possess the production data/repair data, expertise, capabilities, and experience to meet requirements for the sustainment of the Trusted Aircraft Information Program Download Station (TADS) & Common Mission Debrief Program (CMDP) for the USAF. The scope of this effort includes repair and testing, logistics for receiving and shipping, repair tracking and documentation, and firmware/logic support for TADS units as well as sustainment of the now integrated software package Common Mission Debrief Program.

The F-15 Flight Data Recorder (FDR) program was initiated to leverage Inter Range Instrumentation Group (IRIG) 106 Chapter 10 Digital Recording Standard compliant recorders for providing the required data to support mishap investigations, Military Flight Operational Quality Assurance (MFOQA), Reliability Centered Maintenance (RCM), Aircraft and Engine Structural Integrity Programs (ASIP/ENSIP), and aircraft development programs and training. The data recorded during flight operations is written to a solid state media device during flight. After flight, the TADS units provide a download solution to extract the IRIG 106 Chapter 10 files from the flight media, process the data, and transfer the data to end users via Secure File Transfer Protocol. This download is handled by a logic controlled process that provides isolation between circuit board components and external interfaces in order to meet stringent security requirements.

The USAF does not own the rights to the TADS design or logic, but the core requirements used for the acquisition of the TADS units are provided below:

1. Mechanical and IEEE-1394B Removable Memory Module (RMM) Interfaces
2. External Ethernet Interfaces (Copper and Fiber) for Network Access
3. Logic Controlled Isolation of RMM and External Network Interfaces
4. Touch Screen Graphical User Interface (GUI) for KIOSK Type Operations
5. Removable Data Storage Drive and Read/Write Optical Media Drives
6. Manual Time Entry and Network Time Protocol (NTP) for System Time Synchronization
7. FDR RMM Pre-Flight Operations
8. FDR AIP Data Trusted Download
9. FDR AIP Data Transfer via Non-classified Internet Protocol (IP) Router Network (NIPRNET) Interface

CMDP is a Windows based software product that supports de-brief, training, and analysis from any IRIG106 Chapter 10 compliant digital mission data recorder. With the fielding of TADS units, CMDP programming now must incorporate critical coding required for proper TADS operations. The sustainment requirement for CMDP includes ensuring continued compatibility with TADS operations and annual or bi-annual updates driven by bug fixes, new capability, Windows environment requirements, and Direct X requirements. Version description documentation and configuration management of releases will be required.

Our strategy for this sustainment effort is contract repair for life, managed by the F-15 System Program Office. There are 120 TADS units in the USAF inventory to be sustained by this effort.

CONTRACTOR CAPABILITY SURVEY
Trusted Aircraft Information Program Download Station &
Common Mission Debrief Program

Part I. Business Information

Please provide the following business information for your company/institution and for any teaming or joint venture partners:

- Company/Institute Name:
- Address:
- Point of Contact:
- CAGE Code:
- Phone Number:
- E-mail Address:
- Web Page URL:
- Size of business pursuant to North American Industry Classification System (NAICS) Code: 334511 (SEARCH, DETECTION, NAVIGATION, GUIDANCE, AERONAUTICAL, AND NAUTICAL SYSTEM AND INSTRUMENT MANUFACTURING)
  Based on the above NAICS Code, state whether your company is:
  - Small Business   (Yes / No)
  - Woman Owned Small Business   (Yes / No)
  - Small Disadvantaged Business   (Yes / No)
  - 8(a) Certified   (Yes / No)
  - HUBZone Certified   (Yes / No)
  - Veteran Owned Small Business   (Yes / No)
  - Service Disabled Veteran Small Business   (Yes / No)
- Central Contractor Registration (CCR).   (Yes / No)
- A statement as to whether your company is domestically or foreign owned (if foreign, please indicate the country of ownership).

 E-mail responses, must be received no later than close of business 11 November 2016. Please e-mail responses to: Edward.Mitchell.3@us.af.mil.

Questions relative to this market research should be addressed to Edward.Mitchell.3@us.af.mil.

Part II. Capability Survey Questions

A. General Capability Questions:

1. Describe briefly the capabilities of your facility and the nature of the goods and/or services you provide. Include a description of your staff composition and management structure.

2. Describe your company's past experience on previous projects similar in complexity to this requirement. Include contract numbers, a brief description of the work performed, period of performance, agency/organization supported, and individual point of contact (Contracting Officer or Program Manager).

3. What quality assurance processes and test qualification practices does your company employ? Please provide a description of your quality program (ISO 9001, AS9100, etc.)

4. Describe your company's capabilities and experience in generating technical data, engineering drawings and manuals. Identify what software programs are utilized to generate these data products and what formats are available for delivered items.

B. Software Support Questions:

1. Describe your capabilities and experience in sustaining software. Include examples of software updates for standard patches as well as added capability releases.

C. Repair Questions:

1. Describe your capabilities and experience in repairing similar existing systems/equipment (hardware and software).

2. Describe your capabilities and experience in developing/modifying repair or maintenance procedures.

3. Describe your configuration management processes and how you identify and resolve parts obsolescence and diminishing manufacturing sources problems?

4. Describe your process for maintaining inventory records and reporting on hand/in work balances and repair status to your customer.

D. Commerciality Questions:

1. Describe your standard warranty and return process for goods and services furnished to the government for items similar in nature to this requirement.