

REQUEST FOR NGATS INSTITUTE SUPPORT NOTIFICATION

TASK REQUEST: Analysis of Potential Back-up Solutions for Satellite Navigation (SATNAV) for the Next Generation Air Transportation System (NGATS)

EFFECTIVE DATE: June 14, 2006

DESCRIPTION:

The purpose of this task is to develop a set of potential “backup” SATNAV solutions for NGATS. This solution set may include a broad range of possibilities including, but not limited to, a primary SATNAV system solution reliable and robust enough to not require a dedicated backup, and SATNAV based systems with dedicated backups ranging from inertial navigation systems onboard aircraft to alternative (non-satellite) navigation signals-in-space.

The results of this effort will be used to provide additional guidance for the development of a detailed NGATS Concept of Operations and an NGATS architecture. The NGATS Institute shall assume that SATNAV is the primary means of navigation in NGATS. For detailed information, see the attached statement of work description posted on the NGATS Institute Web Site (http://www.ncat.com/ngats/ngats_tasks.html)

MINIMUM QUALIFICATIONS OR EXPERIENCE REQUIRED:

- Demonstrated experience in satellite, DME/DME, eLORAN and aircraft inertial reference systems which support communications, navigation and surveillance (CNS) applications.
- Demonstrated experience in the development and delivery of scientific and technology applications research and development related to the application of satellite signals and systems for air navigation.
- Experience and knowledge of the National Air Space System (NAS).
- Experience in aircraft flight operations
- Experience in air traffic management operations, systems and applications.
- Experience in aircraft avionics related to air navigation systems and use.
- Experience in establishing and managing a project or project teams to the purpose of delivering products, reports and analysis related to complex, technical and scientific studies and evaluation, including managing to cost and schedule goals.

TYPE OF CONTRACT: Firm Fixed Price (FFP) NTE --- \$345,000

SCHEDULE AND MILESTONES:

- Proposals Due to NGATS Institute: NLT 1800, 17 July 2006
- Anticipated Award Date: On or about December 2006
- Target Start Date: On or about 14 August 2006
- Target Completion Date: 180 Days after award

The Institute plans to establish a strict delivery and performance schedule. Offerors will be expected to adhere to this schedule.

GENERAL FORMAT AND INSTRUCTIONS FOR DELIVERING PROPOSALS:

- A single, three ring binder or equivalent document folder, not to exceed 30 pages, including title page, table of contents and appendices or annexes.
- Deliver six copies to:

Mr. Steve Fisher
Executive Director NGATS Institute 1500 K St. NW, Suite
500 Washington, DC 20005

POINT OF CONTACT: Mrs. Kelly Tierney
Executive Assistant
NGATS Institute
(202) 220-3444 or email --- kelly.tierney@ncat.com

PROPOSAL REQUIREMENTS:

Proposals will be reviewed by the Institute staff prior to submission to the Contract Award Panel and will be checked for responsiveness to the minimum requirements identified below. This review by Institute staff will involve compliance with the minimum acceptable criteria only and will not involve evaluation of the proposal itself.

The below-listed items are required in all proposals submitted. Failure to address these minimum requirements will result in the proposal being returned as “non compliant” and will not be evaluated further. The Executive Director will review and approve the disqualification of any proposal, and documentation of the action will be made for the record. Thereafter a notice of disqualification specifying the reasons will be provided to the respondent. These minimum requirements are:

1. A concise statement of the proposed work which is being proposed. This proposed approach and concept must be shown to be consistent with the described task and reflects the respondents understanding of the requested effort required.
2. Cognizant qualifications and related information.
3. Description of past performance relevant to accomplishing the required task.
4. Proposed schedule for delivery of the requested work and/or products.
5. Promise to complete the task within the financial ceiling.
6. Agreement to abide by the pass through clauses and relevant provisions of the OTA (See separate listing of relevant Terms and Conditions on the web site.)
7. Information on financial status sufficient to demonstrate the capacity to complete the task through progress payments and periodic reimbursements.

- 8.** Management capability (including cost management techniques), experience and past performance with subcontracting, if applicable.

A proposal will be disqualified if it fails to address the minimum criteria identified above for the Request for Proposal.

DISCLAIMER:

Participation in this task neither prejudices nor provides preferential status for firms bidding on any future JPDO/NGATS implementation activities or work. Payment is contingent on the receipt of funds from the FAA and satisfactory product acceptance.