

COMMERCE BUSINESS DAILY ISSUE OF NOVEMBER 25, 1996 PSA#1728

Directorate Of Contracting, Oo-Alc 6038 Aspen Avenue Bldg 1289 Se, Hill Air force Base, Ut 84056-5816

R -- STACS SOL F42610-97-R-BBBBG POC For copy, Kathy
Stahler/Lmkr/(801)777-9350, For additional information contact Kathy
Stahler/Lmkr/(801)777-9350 The following information is provided to do a market survey of industry to see if there are any potential contractors in addition to Logicon R&D Associates, who have the skills and knowledge required to complete this effort. The Intercontinental Ballistic Missile (ICBM) System Program Office (SPO), Ogden Air Logistics Center intends to establish a contract for the Single Integrated Operational Plan (SIOP) and Targeting Application Computer System (STACS). The STACS will be a pair of computer platforms with the re-hosted silo-based ICBM software currently resident on the Triad Computer System (TRICOMS). The STACS will be used for ICBM employment and SIOP revision functions. The government is in the process of preparing a Justification and Approval (J&A) to proceed with a sole source acquisition to Logicon R&D Associates, Los Angeles, CA. This sustainment acquisition includes; 1) the incorporation of targeting revision and SIOP revision capabilities requiring knowledge in each; 2) rehost of the current targeting software which includes, but is not limited to Minuteman (MM) and Peacekeeper (PK) Mission Planning Program (MPP), MM and PK Execution Plan Program / Database Generator (EPP/DBG), and PK Strategic Targeting Support Software (STSS), which will require expertise in Peacekeeper and Rapid Execution and Combat Targeting (REACT) modified operational and simulation programs and expert knowledge of Fortran, COBOL, assembly language, JCL, and coding; 3) interface with the USSTRATCOM Strategic War Planning System (SWPS) Enterprise Database (EDB), REACT VAX, software under development on a Graphical User Interface (GUI) based PC, and the Wing Code Processing System (WCPS); 4) operational testing of hardware and software through the use of contractor developed and government approved test plans and procedures; 5) development or update of engineering and technical data including software data manuals, user manuals, utility manuals and written procedures for product production; 6) installation of the STACS hardware and software; 7) demonstration of the STACS hardware and software; 8) operational completion by April 1998 with nuclear certification by September 30, 1998. Since the EDB and GUI based PC developments are still in progress, the government does not possess the adequate documentation necessary to compete this effort. Logicon R&D Associates is currently the only known qualified source that possesses the ability and experience required to complete the STACS development by the government's need date. For this proposed contract action, the government intends to solicit and negotiate with only one, or a limited number of source(s) under the authority of FAR 6.302. Potential offerers may identify their interest and capability of responding to the requirement by submitting concise and program specific information to substantiate that they possess (1) knowledge of 20AF, 625 MOF/TAB SIOP and targeting products and two person control procedures, (2) knowledge of the IBM MVS/ESA operating system, (3) detailed knowledge of the SWPS EDB interface to STACS and STACS interface to the WCPS to include data structures, format, and content, (4) TOP SECRET security clearance, and (5) appropriate management, and engineering capability on ICBM nuclear certified software programs to meet program objectives without significant technical, schedule, or cost risk. Potential offerers are requested to submit two (2)

assurance, and other reporting as required by USSTRATCOM; b. Have, or be able to establish prior to contract start, a configuration management process that provides thorough, efficient, and timely implementation of all software and database product changes and includes a Government approval feature before product changes are initiated; c. Make a corporate commitment to fully coordinate with all Government agencies and other contractors to ensure system technical interfaces, software re-use, and other technical issues common to more than one program, planning process, or organization are optimized to the advantage of the Government. 7. Quality. Be able to document Software Engineering Institute Capability Maturity Model (CMM) level three or equivalent processes or the corporate plans to achieve this level. 8. Experience. A listing and brief description of relevant past contracts that demonstrate successful performance in the area of strategic weapon system operational planning. (0214)

DATA BASE DESCRIPTION FOR

UPPER AIR GRIDDED CLIMATOLOGY (UAGC)
MARCH 1996

.2 Background

The UAGC master data base was developed as a result of Commander, Naval Meteorology and Oceanography Command (COMNAVMETOPCOM) (formerly Commander, Naval Oceanography Command (COMNAVOCEANCOM)) approval to replace numerous climatic paper atlas references (prepared by the Detachment) with a digital form for distribution on compact disc-read only memory (CD-ROM) media. The UAGC Version 1.0 data has been coupled with a software display package and placed on a two-volume CD-ROM product titled "Global Upper Air Climatic Atlas" (GUACA), which has been disseminated to selected activities.

UAGC data is responsive to several validated meteorological requirements, such as for the Commander, Space and Warfare Systems Command (COMSPAWARSYSCOM) PK4-165 in CNOC OCEAN 87-01 (TESS climatological Data Base).

A requirement for subsets to be extracted from UAGC were provided by Naval Surface Warfare Center (NAVSURFWARCEN) in SSPO 88-03 for **SLBM** Trident support.

Theater Integrated Planning System (TIPS)

TIPS will automate and electronically network the current manual processes required to produce decision documents to assist in weapons of mass destruction (WMD) targeting for the theater CINC's. The ACTD will include specialized conventional strike **planning**. Expected benefits include improved crisis **planning**, CINC interoperability, reduced turnaround time for target **planning**, and reduced manpower of the currently labor-intensive process. U.S. Strategic Command is the operational sponsor. Planned completion will be in Fiscal Year 2004.