INDEFINITE DELIVERY A-E CONTRACT FOR DAM SAFETY MONITORING FOR AREAS SELECTED BY THE ST. LOUIS DISTRICT, U.S ARMY CORPS OF ENGINEERS.

General Information

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Contracting Office Address

US Army Engineer District, St. Louis, ATTN: CEMVS-CT, 1222 Spruce Street, St. Louis, MO 63103-2833

Description

SYNOPSIS OF PROPOSED PROCUREMENT, DAM SAFETY MONITORING C-- INDEFINITE DELIVERY A-E CONTRACT FOR DAM SAFETY MONITORING FOR AREAS SELECTED BY THE ST. LOUIS DISTRICT, U.S. ARMY CORPS OF ENGINEERS. POC Geospatial Engineering Branch, Donald K. Fendler, (314) 331-8119, Contract Specialist, Angie Grimes (314) 331-89 65. (Site Code W912P9) Solicitation W912P9-08-R-0702. Classification Service Code C 1. CONTRACT INFORMATION. Services of a qualified A-E firm are sought to provide professional engineering services for all aspects of dam safety performance monitoring and stability of civil works structures. Emphasis is placed on Automated Data Acquisition Systems for structural and geotechnical instrumentation, although some services on manually read instrumentation may be required. Contract work is intended primarily f or projects within the geographical boundary of the Mississippi Valley Division (MVD). However, work may be awarded for projects located outside the MVD boundary on an excepted basis as determined by the Contracting Officer. One indefinite delivery contract will be negotiated and awarded within one year after the required response date to this announcement, with a single contract period of three years. The amount of work in the contract period will not exceed $2,000,000. Work will be issued by negotiate d firm fixed-price task orders not to exceed the contract amount. This contract is being procured in accordance with the Brooks A-E Act implemented in FAR Subpart 36.6. A firm will be selected for negotiation based on demonstrated competence and qualifications to accomplish the required work. See Numbered Note 24 for general information on the A-E selection process. This announcement is open to all

businesses regardless of size. All interested A-E firms are reminded that, in accordance with the provisions of PL 95-507, they will be expected to place subcontracts to the maximum practicable extent consistent with the efficient performance of the contract with small and small disadvantaged firms. If a large business is selected it must comply with FAR 52. 219-9 regarding the requirement for a subcontracting plan on that part of the work it intends to subcontract. The subcontracting goals for this contract are that a minimum of 51.2 percent of the contractor's intended subcontract amount be placed with small businesses (SB), including 8.8 percent with small disadvantaged businesses (SDB), 7.3 percent be placed with woman-owned businesses, 3.1 percent with HUB Zone Small Businesses, and 1.5 percent with Service-Disabled Veteran-Owned Small Businesses. A subcontracting plan is not required with this submittal. The wages and benefits of service employees (see FAR 22.10) performing under this contract must be at least equal to those determined by the Department of Labor under the Service Contract Act, relative to the employee s office location. Prior to contract award, a firm must be registered in the DOD Central Contractor Registration (CCR). Register via the CCR Internet site at http://www.ccr.gov or by contacting the DOD Electronic Commerce Information Center at 1-(800)-334-3414. 2. PROJECT INFORMATION. The current anticipated requirements include the maintenance, repair, replacement, and enhancement of existing monitoring systems and the design and installation of new systems. Contract attention to monitoring systems includes data acquisition, data transmission, data reduction and analysis, and designing reliable instrumentation hardware and software systems. Other tasks could include conducting periodic inspections and preparing reports. Task orders under this contract could address any one or a combination of the above. 3. SELECTION CRITERIA. The selection criteria are listed in descending order of importance, (first by major criterion and then by each sub-criterion). Criteria a through d are primary. Criteria e through g are secondary and will only be used as TIE BREAKERS among essentially technically equal firms. a. Specialized Experience and Technical Competence: (1) Design, install, integrate, and operate dam safety instrumentation systems with current technology;(2) Have a thorough knowledge of the function, behavior, and design of earth embankment dams and navigation structures, and a thorough knowledge of dam safety instrumentation; (3) Troubleshoot, test, calibrate, maintain, and repair existing manually-operated and automated systems. Systems used by the St. Louis District Corps of Engineers are Geomation, Campbell Scientific, and Telog Instruments. Experience with various transducers must be demonstrated. Transducers used by the St. Louis District Corps of Engineers are Geokon (pressure and crackmeter), Druck (pressure), Roctest Safe Tel Top (plumbline), Lucas-Schaevitz (LVDT), and Data Instruments (pressure). Transducer calibration must be validated with adjacent manual instrumentation. Troubleshooting of RF radio and spread spectrum communications and power supplies (solar and AC) may be required. Unique customized solutions beyond the capabilities of the dataloggers and transducers listed above may need to be developed to monitor new dam safety concerns. (4) Operate, integrate, modify (program) Corps of Engineers software WINIDP which utilizes a 32-bit Windows operating system with MS SQL Server and Sybase SQL Anywhere database engines; plotting is accomplished with Excel and Grapher; (5) Analyze and evaluate dam safety instrumentation data to determine the condition of the structure. Make remedial action recommendations based on instrumentation analysis; (6) Investigate alternatives and create unique solutions for special monitoring applications; (7) Conduct engineering inspections of Corps of Engineers structures, including bridges, and prepare inspection reports; (8) Read dam safety instrumentation, including piezometers, inclinometers, tiltmeters, joint movement indicators, inverted plumblines and joint bolts; (9) Design and

conduct user training sessions on system operation and maintenance procedures for automated data acquisition systems and WINIDP; (10) Prepare Corps of Engineer plans and specification or review specifications written by others. Write and edit operation and maintenance manuals; and (11) Possess genera l knowledge of commercially available spreadsheet, communications, and graphic software; be capable of communicating with the Government standards with Microsoft Word, Excel and Outlook. Ability to deliver CADD files in the Bentley Microstation J and/or Microstation Version 8 format. b. Capacity to Accomplish the Work: Firms should have the capacity to accomplish up to three task orders simultaneously (with an aggregate value of up to $1,000,000 of the required type of work in a one-year period for deli very of a quality product on a timely schedule, and capacity to perform approximately $2,000,000 in work of the required type in a three-year period. The evaluation will consider the availability of an adequate number of personnel in key disciplines (management, quality control, and technical); equipment availability, i.e. the extent of in-house facilities verses subcontracting needs; the firm's demonstrated ability to perform and monitor multiple task orders simultaneously; the firm s demonstrated ability to use quality control procedures and tools to insure quality products; firm s demonstrated ability to adhere to schedules. Engineer disciplines include: instrumentation, geotechnical, structural, civil, electronic or electrical, mechanical and materials. Other required disciplines include geologists, computer programmers, civil and electronic technicians, computer hardware technicians, and drafting persons. c. Professional Qualifications: The firm should have, either in-house or through subcontractors and consultants, qualified and licensed professional engineers or land surveyors with demonstrated expertise in all aspects of dam safety, a qualified management team, quality control staff, and technical staff. The evaluation will consider the education, training, registration, certification, overall and relevant dam safety experience, and longevity with the firm of key management, professional, and technical personnel using information from Block E of the SF 330 submittal. Interested firms should ensure that their SF 330 includes the resumes of all management, professional and technical personnel. If an individual will serve in more than one discipline, then those disciplines shall be clearly indicated in Block 13, Part I, Section E. Work must be performed under the supervision of a registered Professional Engineer. d. Past Performance: Past performance on similar Department of Defense contracts and other contracts with respect to cost control, quality of work, and compliance with performance schedules as determined from ACASS/CPARS/PPIRS data, credible documentation included in the SF 330, and other sources. e. SB and SBD Participation: Extent of participation of SB, SDB, women-owned businesses, HUB Zone and Disabled Veteran-Owned Small Businesses will be measured as a percentage of the estimated effort. f. Geographic Proximity to the St. Louis District office headquarters. g. Equitable Distribution of DOD Contracts: Evaluation will consider the volume of DOD A-E contract awards in the last 12 months. The objective is to achieve an equitable distribution of DOD A-E contracts among qualified firms by giving more consideration to firms with lower total volume. 4. SUBMISSION REQUIREMENTS. Interested firms having capabilities to perform this work must submit three copies of completed SF 330 to, Attn: Angie Grimes, CEMVS-CT-X, 1222 Spruce Street, St. Louis, MO 63103-2833 not later than 3:00 PM local time on the 30th day after the date of this announcement. If the 30th day is a Saturday, Sunday or Federal holiday, the deadline in the close of business of the next business day. Include each firm s DUNS number in block 4, Architect-Engineer Qualifications Part II-General Qualifications. Include the firm's ACASS number in Block 9. For information regarding accessing the ACASS system, call 503-808-4590. In section D include an organization chart

of the key personnel to be assigned to the project. Indicate in section C-11 or section H if the prime has worked with the team members in the past five years and the estimated percentage involvement of each firm on the proposed team. In section H describe the firm s overall Design Quality Management Plan (DQMP) (A project specific design quality control plan must be prepared and approved by the Government as a condition of contract award, but is not required with this submission). Also include in section H the number and amount of fees awarded on DOD contracts during the twelve months prior to this notice, including change orders and supplemental agreements for the submitting office only. No other notification to firms under consideration for this work will be made. Solicitation packages are not provided. This is not a Request for Proposal.

Point of Contact

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Place of Performance

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