

REQUEST FOR INTEREST

FACILITIES MANAGEMENT SYSTEM (FMS) FOR THE CHEMISTRY & METALLURGY RESEARCH REPLACEMENT (CMRR) NUCLEAR FACILITIES (NF) PROJECT LOS ALAMOS NATIONAL LABORATORY LOS ALAMOS, NEW MEXICO

Los Alamos National Laboratory (LANL) is seeking expressions of interest from qualified firms for the following scope of work and requirements:

1. System Description

The objective of this project is to design, build and install a fully operational Facilities Management System (FMS) that provides Building Automation and Controls for this facility. The system needs to meet NQA-1 quality requirements. The system must perform functions that vary from Safety Significant (ISA S84.01.01) to Non-Safety. A portion of the Safety Significant controls Safety Class equipment will be expected to operate through a PC-3 seismic event. The system will provide both automated and user initiated control of critical building systems that maintain proper building ventilation, power distribution, radiation monitoring and alarming of pre-defined environmental and operational conditions as needed. The system will consist of approximately 6,000 I/O (70% confident). The system will also provide logging and trending of building parameters for long term system analysis. Finally, a simulator will also be required that provides a platform for performing operations and maintenance training on the FMS.

2. Scope of Supply

The Supply and Work Scope generally includes, but is not limited to:

Provision of the Facilities Management System

Engineering, software development / system programming, installation supervision, graphic / user interface development, calibration, start up, and checkout necessary for a complete and fully operational FMS

System training, as well as instructions for the operation, maintenance and modification of the installed FMS

Necessary materials and manpower to participate in the testing, adjusting / tuning, balancing, and commissioning process as required by those sections of the specification

Documentation includes typical preliminary for approval, fabrication/configuration, as-built packages (e.g. network) and full qualification packages with analysis/test reports.

Availability goals for the FMS, taken as a whole, shall exceed 98% and be supported by manufacturer's analysis.

System testing shall include a Factory Acceptance Test (FAT), Site Acceptance Test (SAT) and Operational Acceptance Test (OAT).

System power will be supplied as 120VAC UPS supplies for safety significant and non-safety FMS loads.

Interested parties will be invited to respond to a Request for Qualifications (RFQ) which is currently scheduled for the first quarter of CY 2009. Based on the RFQ responses, a list of qualified bidders will be determined, and a formal Request for Proposal (RFP) will be issued, currently scheduled for the second quarter of CY 2009.

No determination has yet been made as to whether this acquisition will be a Small Business set-aside. In any event, teaming/partnering relationships are encouraged.

The North American Industry Classification System (NAICS) code for this acquisition is 541513. The size standard associated with this code is \$25M.

Your response is requested on or before January 16, 2009.

Point of Contact:

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