

Contracting Office Address

Chicago Office
9800 South Cass Avenue
Argonne, IL 60439

Description

The U.S. Department of Energy (DOE) is seeking a contractor to manage and operate the Argonne National Laboratory (ANL) in Argonne, Illinois, Dupage County. ANL is a multi-disciplinary research laboratory located on 1500 acres approximately 25 miles southwest of Chicago. The site is owned by DOE and currently operated by the University of Chicago for DOE's Office of Science. ANL's mission is to serve DOE and national security by advancing the frontiers of knowledge, by creating and operating forefront scientific user facilities and by providing innovative and effective approaches and solutions to energy, environmental, and security challenges to the national and global well-being.

ANL's scientific and technical experts support a broadly diversified research effort in support of DOE major R&D focus areas. This includes programs in Basic Energy Sciences, Nuclear Energy Science and Technology, Nanotechnology, High Energy Physics, Computational Science, Nuclear Physics, Chemistry, Materials Science, Environmental Science, Biology, Energy Efficiency and Renewable Energy, Fossil Energy, Electric Transmission and Distribution, and work for National Nuclear Security Administration. Collaboration among the various ANL Divisions, as well as other national and international institutions, is also a major strength and focus of its mission.

ANL has several research facilities that are open to outside researchers from industry, academia and other national laboratories on a cost-recovery basis. The ANL research facility includes the following major Laboratory and user facilities:

Advanced Photon Source (APS): The APS is a national user facility. The mission of the APS is to produce reliable, tunable x-ray beams for user research. Users at the APS conduct forefront basic and applied research in the fields of material science, biological science, physics, chemistry, environmental, geophysical, and planetary science, as well as x-ray instrumentation. The APS can accommodate as many as 70 beamlines and serves a user community that exceeds 2500 individual industry, government, and university users.

Intense Pulsed Neutron Source (IPNS): The IPNS is a national user facility for neutron scattering experiments. The IPNS provides a dozen neutron scattering instruments, as well as facilities for studying radiation effects. Approximately 250 individual users perform a variety of neutron scattering experiments each year.

Argonne Tandem-Linac Accelerator System (ATLAS): The ATLAS facility is a superconducting accelerator for projectiles heavier than the electron. This facility is a DOE National Collaborative Research Facility open to scientists from all over

the world. ATLAS consists of a sequence of machines that produce high precision heavy-ion beams ranging over all possible elements, from hydrogen to uranium, to energies as high as 17 MeV per nucleon and delivered to one of three target areas.

Center for Nano-scale Materials (CNM): The purpose of the Center for Nanoscale Materials (CNM) is to create, characterize, and understand the behavior of new functional materials on the nanoscale. The CNM exploits the unique electronic, magnetic, structural, chemical, and optical properties of individual nanostructures and their ordered arrays and includes examining the behavior and fundamental properties of functional nanocomposites of patterned ferroelectric and magnetic films, bio-inorganic hybrids, nanophotonic phenomena, and assisted self-assembly. An APS hard x-ray nanoprobe beamline is part of the CNM.

Electron Microscopy Center (EMC): The EMC is used to conduct materials research using advanced microstructural characterization methods and an Intermediate Voltage Electron Microscope. Research includes microscopy based studies in high thermal conductivity superconducting materials, irradiation effects in metals and semiconductors, phase transformations, and processing related structure and chemistry of interfaces in thin films.

Atmospheric Radiation Measurement (ARM) Climate Research Facility: The ARM Program was created to resolve scientific uncertainties about global climate change with a specific focus on improving the performance of general circulation models used for climate research and prediction. The ARM Program establishes and operates three field research sites, called Cloud and Radiation Testbeds (CARTS), in several climatically significant locations. Scientists collect and analyze data obtained over extended periods of time from large arrays of instruments to study the effects and interactions of sunlight, radiant energy, and clouds on temperatures, weather, and climate.

Transportation Technology Research and Development (R&D) Center: The Transportation Technology R&D Center brings together scientists and engineers from many disciplines to find cost-effective solutions to the problems of transporting people and goods from one place to another. Argonne's transportation research focuses on three areas: advancing toward an environmentally benign passenger car, from fuel production through recycling of obsolete vehicles; paving the way to safer, cleaner trucks, buses, and locomotives; and improving traffic flow, safety, and security.

In addition, ANL performs other non-DOE sponsored research that supports the Laboratory's missions. Through its technology transfer programs, industrial firms and other organizations benefit from ANL's technological knowledge, which increases the competitiveness of U.S. industry.

Anticipated funding (from all sources) for fiscal year 2007 for ANL is approximately \$492 million. DOE expects to award a new performance-based contract during the fourth quarter of fiscal year 2006 and will include a 60-day transition period. All interested parties are requested to submit an Expression of Interest to Jodi VonRox, Source Evaluation Board Executive Secretary, RFP Number DE-RP02-06CH11357, at the following e-mail address: jodi.vonrox@ch.doe.gov. There is no specific format required except that the RFP number should be referenced. Submission of an Expression of Interest does not commit an interested party to submit a proposal. Expressions of Interest should be received no later than 3:00pm Central Standard Time on October 14, 2005.

Future information regarding this solicitation will be posted on DOE's Industry Interactive Procurement System (IIPS) at URL <http://e-center.doe.gov> and/or FedBizOpps at URL <http://fedbizopps.gov>. DOE anticipates issuing a draft RFP in the first quarter of FY06. The draft RFP will be open for comments or questions for approximately 40 days. DOE expects to conduct a comment workshop, offer site tours and one-on-one meetings with prospective offerors about three weeks after the draft RFP is issued. Following the issuance of the final RFP, DOE plans on hosting a pre-proposal conference. Dates and times for the comment workshop, site tours, one-on-one meetings and the pre-proposal conference will be announced at a later date.

Points of Contact

Roberta Ahlberg, Contracting Officer, (630) 252-7019, roberta.ahlberg@ch.doe.gov ; Jodi VonRox, Source Evaluation Board Executive Secretary, (630) 252-2776, jodi.vonrox@ch.doe.gov.