ASME Standards Technology, LLC
(ASME ST-LLC)
Request for Proposals (RFP)
RFP-ASMEST-05-08
Technical Advisor – Gen IV Materials Project

Date Posted: December 16, 2005
Proposal Due Date: January 16, 2006

1. Summary

ASME Standards Technology, LLC is soliciting proposals for services as Technical Advisors for the Generation IV Reactor Materials project.

ASME Standards Technology, LLC executed a Cooperative Agreement with The U.S. Department of Energy supporting the Generation IV reactor program. The scope includes development of technical basis documents necessary to update and expand codes and standards for application in future Generation IV Nuclear Reactor systems that operate at elevated temperatures. This is a multi-year agreement. A Steering Committee has been formed with key ASME Nuclear Codes & Standards (C&S) committee chairs, senior industry leaders (Gen IV gas-cooled reactor vendors), and senior government officials (DOE, NRC) to help direct the technical work. ASME ST-LLC will subcontract for Technical Advisors and Investigators, and ASME Staff will perform the project management and administration.

2. Scope of Work

a. Project Overview

Please click on the following link to view get the overview of the project and tasks involved: See link ASME Work Scope

b. Technical Advisor Scope Description

Technical Advisors (TA’s) assist in further refinement of the work scope within the specified framework for the tasks and assess the work performed by the task investigators i.e. whether or not the Task Investigator has identified the critical issues (has he/she dug out the relevant background information) required to successfully complete the work. As a Technical Advisor you will work closely with the project manager and will actively participate in the development process by providing guidance to the Task Investigators in areas where they require assistance for example, you would assess whether or not the evidence to support a definition of "negligible creep and creep-fatigue" under Task 3 and/or the plan to acquire needed data is sufficient. Technical Advisors will report directly to the Project Manager.
c. Travel Requirements

Current travel is anticipated to be twice per year with the possibility for an overnight stay. Travel expenses will be reimbursed, per the project Travel Policy. See link [Travel Policy](#).

d. Project Schedule

See link [Gen IV Materials Project Schedule](#)

e. Budget

The budget for each task will vary, the total budget for the targeted tasks will not exceed $1 million. The majority of the budget is reserved for Task Investigators. It is estimated that the level of effort for Technical Advisors will be approximately 100-150 hours per task, to be shared among all advisors designated for the task.

3. Applicant Eligibility Requirements

ASME ST-LLC is seeking proposals from qualified engineering firms, individuals, or consultants. In addition to relevant technical qualifications and experience, applicants must have a thorough knowledge of ASME Nuclear Codes and Standards as well as an understanding of Very High Temperature Reactor (VHTR) design concepts. Applicants may not serve as both the Task Investigator and Technical Advisor for the same task.

Federally Funded Research and Development Centers (FFRDC's) are not eligible for funding under this award.

4. Basis for Selection and Award

Selection of a proposal by ASME ST-LLC will be achieved through a process of evaluating and comparing the relative merits of the applicant’s complete applications. This process reflects ASME ST-LLC’s desire to accept an application based on its potential in best achieving program objectives, rather than solely on evaluated technical merit or cost. Evaluation criteria includes, but is not limited to, the following:

- Technical capabilities
- Experience
- Price
- Agreement with Terms and Conditions

It is anticipated that there may be multiple awards resulting from this solicitation. However, ASME ST-LLC reserves the right to award, in whole or in part, any, all, or none of the applications submitted in response to this solicitation.
5. Contract Terms and Conditions

A labor hour and expenses type contract shall be used. The project sponsor, U.S. Department of Energy (DOE), must also approve the selected applicant. Draft terms and conditions are included: See link ASME ST-LLC T&C; 1600.5 form; 10cfr Subpart C 1-1-05 Edition; Disclosure of Lobbying Activities (Standard Form LLL). The final contractual terms and conditions will be negotiated between ASME ST-LLC and the selected applicant(s) following award.

ASME ST-LLC shall provide required access to codes and standards and other technical references necessary for performance of the work.

6. Submission Requirements

a. Proposal Due Date: Proposals and amendments of proposals must be received by January 16th, 2006. Applicants are encouraged to transmit their proposal well before the deadline.

b. Anticipated Selection and Award Date: It is anticipated that selection and award will be made within 2 weeks of the proposal due date.

c. Application Preparation Costs: This solicitation does not obligate ASME ST-LLC to pay any costs incurred in the preparation and submission of proposals or in making necessary studies or designs for the preparation thereof or to acquire, or contract for any services.

d. Application Clarification: ASME ST-LLC reserves the right to require proposals to be clarified or supplemented to the extent considered necessary. The award may be made after few or no exchanges, discussions or negotiations. Therefore, all applicants are advised to submit their most favorable application to ASME ST-LLC. ASME ST-LLC reserves the right, without qualification, to reject any or all proposals received in response to this solicitation and to select any proposal, in whole or in part, as a basis for negotiation and or award.

ASME ST-LLC reserves the right to modify or cancel this solicitation. All questions relating to the solicitation must be submitted to the contact below. Any amendments to the solicitation will be posted on the ASME ST-LLC web site (http://www.stllc.asme.org/).

e. Treatment of Proprietary Information: A proposal may include technical data and other data, including trade secrets and/or privileged or confidential commercial or financial information, which the applicant does not want disclosed to the public or used by ASME ST-LLC for any purpose other than proposal evaluation. To protect such data, the applicant should specifically identify the data to be protected.
f. **Proposal Preparation and Submittal Instructions:** Response should include two separate documents, a Technical Proposal, and a Financial Proposal.

1. **Technical Proposal**
   a. Provide organization name and contact information.
   b. Provide evidence of technical capabilities: the credentials, qualifications, capabilities, and experience of individuals and the organization.
   c. Identify the specific task(s) to be investigated.
   d. Confirm agreement with the Scope of Work for the specified task(s)

2. **Financial Proposal**
   a. Provide an hourly billing rate quotation and estimated project maximum.
   b. Confirm agreement with the draft Terms and Conditions, or state any specific exceptions.

3. Submit Technical and Financial responses via e-mail to the ASME ST-LLC contact below.

4. Responses must be received on or before the deadline.

7. **ASME Standards Technology, LLC Contact Information:**

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