

SOLICITATION SUMMARY: The State Technologies Advancement Collaborative (STAC) is a five-year pilot program funded by the U.S. Department of Energy and directed by an Executive Committee which includes representatives of the National Association of State Energy Officials (NASEO), the Association of State Energy Research and Technology Transfer Institutions (ASERTTI), U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE) and Office of Fossil Energy (FE) and an independent seventh member. This solicitation, *Energy Efficiency and Fossil Energy Science Initiative*, is being administered by NASEO on behalf of the STAC Executive Committee.

Solicitation Objective: The objective of this solicitation is to pursue "bridge" research and development (R&D), of interest to STAC, EERE and FE, with ultimate applications that will promote energy efficiency and clean use of fossil energy. This category of research and development occupies the spectrum between exploratory science and pre-commercial applied R&D. Energy programs included in this solicitation are: 1) Materials Sciences; 2) Fuels and Chemical Sciences; 3) Sensors and Controls Sciences; 4) Energy Conversion Sciences; and, 5) Emissions Reduction and Environmental Sciences.

Available Funding and Cost Share: Approximately \$4,333,562 is available under this solicitation. No legal obligation is imposed upon NASEO or DOE that ensures that proposers are guaranteed any present or future funds. A minimum of 20% non-federal cost share (cash and/or in-kind equivalent) is required for all projects. The 20% minimum cost share requirement pertains to the total project costs. For example, a project with costs of \$100,000 would require a minimum 20% cost-share, or \$20,000, and the maximum in STAC funding would be \$80,000. Projects may have performance periods of one to three years. Awardees will receive funding through a contract with NASEO.

Eligibility: In order for proposals to be considered eligible, the proposer must be either a State Energy Office, a State-Chartered Institution, or an Institution of Higher Learning ("Eligible Applicants"), partnered with at least one State Energy Office or State-Chartered Institution from another State or Territory. Each proposal must include eligible organizations from two or more States, Territories, or the District of Columbia. Teaming arrangements with industry, DOE national laboratories, non-profit organizations, and Native American organizations, etc., are encouraged. Such team members are not Prime Participants (see solicitation *Section 1.C.*, and *Attachment D: Model Contract*, for details, including an explanation of the term "Prime Participant") and may not submit proposals, but may be a member of a proposing team. Prime Participants must be eligible applicants.

Pre-application and Due Date: Submission of a pre-application is a **REQUIREMENT** for consideration under this solicitation. The pre-application must be submitted electronically in Microsoft Word or Word Perfect format to the email address: stacproposal@naseo.org no later than 5:00 p.m. Eastern Time on **Monday, May 24, 2004**. Pre-application instructions are included in Section 3.A. An auto response confirmation of your received email will be provided. A response to the pre-application encouraging or discouraging a full proposal will be communicated to the applicant. Note: Applicants who are discouraged from submitting a full proposal are not prohibited from doing so.

Full Proposal Submission and Due Date: A notice shall be provided to all pre-applicants concerning the date and time for full proposal submission. Proposals must be submitted electronically (one copy) in Microsoft Word or Word Perfect format to the email address: stacproposal@naseo.org. Proposals will be considered timely upon receipt, not upon

transmission. Proposals submitted in hard copy form via any means will not be considered. An auto response confirmation of your received email will be provided.

Contract Award Instrument: The Model Contract included as Attachment D of this solicitation will be used as the basis for negotiating an award.

Award Schedule: Pre-applications will be evaluated for a period of approximately 45 days. Full proposals will be evaluated for a period of approximately 75 days following the due date for responses. Contract negotiation and signing will conclude approximately 60 days following the evaluation of proposals.