

Department is extending the time limit for completion of the preliminary results until June 30, 1998, in accordance with Section 751(a)(3)(A) of the Trade and Tariff Act of 1930, as amended by the Uruguay Round Agreements Act of 1994 (19 U.S.C. 1675(a)(3)(A)). See memorandum to Robert S. LaRussa from Joseph A. Spetrini regarding the extension of case deadline, dated February 20, 1998.

Dated: February 24, 1998.

**Joseph A. Spetrini,**

*Deputy Assistant Secretary, Enforcement Group III.*

[FR Doc. 98-5505 Filed 3-3-98; 8:45 am]

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## DEPARTMENT OF COMMERCE

### National Institute of Standards and Technology

[Docket No. 971222307-7307-01]

RIN: 0693-ZA20

#### Continuation of Fire Research Grants Program—Availability of Funds

**AGENCY:** National Institute of Standards and Technology, Commerce.

**ACTION:** Notice.

**SUMMARY:** The purpose of this notice is to inform potential applicants that the Fire Research Program, National Institute of Standards and Technology, is continuing its Fire Research Grants Program. The Fire Research Program is limited to innovative ideas generated by the proposal writer, who chooses the topic and approach. The issuance of awards is contingent upon the availability of funding.

**DATES:** Proposals must be received no later than the close of business September 30, 1998.

**ADDRESSES:** Applicants must submit one signed original and two (2) copies of the proposal along with the Application for Federal Assistance, Standard Form 424, (Rev. 7-97), as referenced under the provisions of OMB Circular A-110 to: Building and Fire Research Laboratory (BFRL), Attention: Sonya Parham, Building 226, Room B206, National Institute of Standards and Technology, Gaithersburg, Maryland 20899-0001.

**FOR FURTHER INFORMATION CONTACT:** Technical questions concerning the NIST Fire Research Grants Program should be directed to Sonya Parham, (301) 975-6854. Administrative questions concerning the NIST Fire Research Grants Program may be directed to the NIST Grants Office at (301) 975-6329. Additional information

can be found in the Extramural Fire Research Program: Program Announcement and Preparation Guide. Copies may be downloaded from the BFRL web site (<http://www.bfrl.nist.gov>) or obtained from Sonya Parham at the above address.

#### SUPPLEMENTARY INFORMATION:

#### Catalog of Federal Domestic Assistance Name and Number Measurement and Engineering Research and Standards—11.609

#### Authority

As authorized by section 16 of the Act of March 3, 1901, as amended (15 U.S.C. 278f), the NIST Building and Fire Research Laboratory conducts directly and through grants and cooperative agreements, a basic and applied fire research program. The annual budget for the Fire Research Grants Program is \$1.36 million. Because of commitments for the support of multi-year programs, only a portion of the budget is available to initiate new programs in any one year. Most grants and cooperative agreements are in the \$10,000 to \$100,000 per year range.

All proposals submitted must be in accordance with the programs and objectives listed below.

#### Program Objectives

##### A. Fire Modeling and Applications

To perform research, develop and demonstrate the application of analytical models for the quantitative prediction of the consequences of fires and the means to assess the accuracy of those models. This includes: Developing methods to assess fire hazard and risk; creating advanced, usable modelling for the calculation of the effluent from building fires; modelling the ignition and burning of furniture, contents, and building elements such as walls; developing methods of evaluating and predicting the performance of building safety design features; developing a protocol for determining the accuracy of algorithms and comprehensive models; developing data bases to facilitate use of fire models; and developing methodologies to acquire, model, and display fire information.

##### B. Large Fire Research

To perform research and develop techniques to measure, predict the behavior and mitigate large fire events. This includes: Understanding the mechanisms of large fires that control gas phase combustion, burning rate, thermal and chemical emissions, and transport processes; developing field measurement techniques to assess the

near- and far-field impact of large fires and their plumes; performing research on the use of combustion for environmental cleanup; predicting the performance and environmental impact of fire protection measures and fire fighting systems and techniques; and developing and operating the Fire Research Program large-scale experimental facility.

##### C. Advanced Fire Measurements

To produce the scientific basis and robust measurement methods for characterizing fires and their effluents at full- and reduced-scales. This includes discrete point, volume-integrated, and time- and space-resolved measurements for such properties as temperature, smoke density, chemical species, and flow velocity. Laboratory and computational research are also performed to understand the underpinning fire phenomena to ensure the soundness of the developed measurement techniques.

##### D. Materials Fire Research

To perform research enabling the confident development by industry of new, less-flammable materials and products. This capability is based on understanding fundamentally the mechanisms that control the ignition, flame spread and burning rate of materials, as well as and the chemical and physical characteristics that affect these aspects of flammability. This includes: Developing methods of measuring the response of a material to fire conditions that enable assured prediction of the full-scale performance of the final product; developing computational molecular dynamics and other mechanistic approaches to understand flame retardant mechanisms and the effects of polymer chemical structure on flammability; characterizing the burning rates of charring and non-charring polymers and composites; and delineating and modeling the enthalpy and mass transfer mechanisms of materials combustion.

##### E. Fire Sensing and Extinguishment

To develop understanding, metrology and predictive methods to enable high-performance fire sensing and extinguishment systems; and devising new approaches to minimize the impact of unwanted fires and the suppression process. This includes: performing research for the identification and *in-situ* measurement of the symptoms of pending and nascent fires and the consequences of suppression; devising or adapting monitors for these variables and the intelligence for timely

interpretation of the data; developing methods to characterize the performance of new approaches to fire detection and suppression; determining mechanisms for deflagration and detonation suppression by advanced agents and principles for their optimal use; and modeling the extinguishment process.

#### Award Period

Proposals will be considered for research projects from one to three years. When a proposal for a multi-year is approved, funding will initially be provided for only the first year of the program. If an application is selected for funding, DoC has no obligation to provide any additional future funding in connection with that award. Renewal of an award to increase funding or extend the period of performance is at the total discretion of DoC. Funding for each subsequent year of a multi-year proposal will be contingent on satisfactory progress, fit to the NIST Fire Research Program and the availability of funds.

#### Matching Requirements

The Fire Research Grants Program does not involve the payment of any matching funds and does not directly affect any state or local government.

#### Eligibility

Academic institutions, non-Federal agencies, independent and industrial laboratories, and research organizations.

#### Proposal Review Process

All proposals are assigned to the appropriate group leader of the five programs listed above. Both technical value of the proposal and the relationship of the work proposed to the needs of the specific program are taken into consideration in the group leader's recommendation to the Division Chief. Applicants should allow up to 90 days processing time. Proposals are evaluated for technical merit by at least three reviewers chosen from NIST professionals, technical experts from other interested government agencies and experts from the fire research community at large.

#### Evaluation Criteria

- a. Technical quality of the research: 0-35
- b. Potential impact of the results: 0-25
- c. Staff and institution capability to do the work: 0-20
- d. Match of budget to proposed work: 0-20

#### Selection Procedures

The results of these technical evaluations are transmitted to the Group

Leader of the appropriate unit in the Building and Fire Research Laboratory. He/She combines the above results with consideration of (a) Fit to the program objectives listed above and (b) program balance, and then prepares a Recommendation for Funding Memo. This is then approved or disapproved by the Division Chief and Deputy Director.

#### Paperwork Reduction Act

The Standard Forms 424, 424A, 424B, and LLL mentioned in this notice are subject to the requirements of the Paperwork Reduction Act and have been approved by the Office of Management and Budget, (OMB), under Control Numbers 0348-0043, 0348-0044, 0348-0040, and 0348-0046. Notwithstanding any other provision of the law, no person is required to respond to, nor shall any person be subject to a penalty for failure to comply with a collection, subject to the requirements of the Paperwork Reduction Act, unless that collection of information displays a currently valid OMB Control Number.

#### Application Kit

An application kit, containing all required application forms and certifications is available by calling Sonya Parham, NIST Fire Research Grants Program (301) 975-6854. An application kit includes the following:  
 SF-424 (Rev. 7/97)—APPLICATION FOR FEDERAL ASSISTANCE  
 SF-424A (Rev. 7/97)—BUDGET INFORMATION—Non-Construction Programs  
 SF-424B (Rev. 7/97)—ASSURANCES—Non-Construction Programs  
 CD-511 (7/91)—CERTIFICATIONS REGARDING DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS; DRUG-FREE WORKPLACE REQUIREMENTS AND LOBBYING  
 CD-512 (7/91)—CERTIFICATIONS REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION—LOWER TIER COVERED TRANSACTIONS AND LOBBYING  
 SF-LLL—DISCLOSURE OF LOBBYING ACTIVITIES

#### Additional Requirements

##### Past Performance

Unsatisfactory performance under prior Federal awards may result in an application not being considered for funding.

##### Preaward Activities

Applicants who incur any costs prior to an award being made do so solely at

their own risk of not being reimbursed by the Government. Notwithstanding any verbal assurance that may have been provided, there is no obligation on the part of NIST to cover preaward costs.

#### Primary Application Certifications

All primary applicants must submit a completed Form CD-511, "Certification Regarding Debarment, Suspension and Other Responsibility Matters; Drug-Free Workplace Requirements and Lobbying," and the following explanations are hereby provided:

1. *Nonprocurement Debarment and Suspension.* Prospective participants (as defined at 15 CFR part 26, section 605) are subject to 15 CFR part 26, subpart F., "Nonprocurement Debarment and Suspension" and the related section of the certification form prescribed above applies;

2. *Drug-Free Workplace.* Grantees (as defined at 15 CFR part 26, section 605) are subject to 15 CFR part 26, subpart F., "Governmentwide Requirements for Drug-Free Workplace (Grants)" and the related section of the certification form prescribed above applies;

3. *Anti-Lobbying.* Persons (as defined at 15 CFR part 28, section 105) are subject to the lobbying provisions of 31 U.S.C. 1352, "Limitation on use of appropriated funds to influence certain Federal contracting and financial transactions," and the lobbying section of the certification form prescribed above applies to applications/bids for grants, cooperative agreements, and contracts for more than \$100,000, and loans and loan guarantees for more than \$150,000, or the single family maximum mortgage limit for affected programs, whichever is greater, and;

4. *Anti-Lobbying Disclosure.* Any applicant that has been paid or will pay for lobbying using any funds must submit an SF-LLL, "Disclosure of Lobbying Activities," as required under 15 CFR part 28, appendix B.

##### 5. Lower-Tier Certifications.

Recipients shall require applicants/bidders for subgrants, contracts, subcontracts, or other lower tier covered transactions at any tier under the award to submit, if applicable, a completed Form CD-512, "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions and Lobbying" and disclosure form, SF-LLL, "Disclosure of Lobbying Activities." Form CD-512 is intended for the use of recipients and should not be transmitted to NIST. SF-LLL submitted by any tier recipient or subrecipient should be submitted to NIST in accordance with

the instructions contained in the award document.

#### *Name Check Reviews*

All for-profit and non-profit applicants will be subject to a name check review process. Name checks are intended to reveal if any key individuals associated with the applicant have been convicted of or are presently facing, criminal charges such as fraud, theft, perjury, or other matters which significantly reflect on the applicant's management honesty or financial integrity.

#### *False Statements*

Applicants are reminded that a false statement may be grounds for denial or termination of funds and grounds for possible punishment by fine or imprisonment.

#### *Delinquent Federal Debts*

No award of Federal funds shall be made to an applicant who has an outstanding delinquent Federal debt until either:

1. The delinquent account is paid in full;
2. A negotiated repayment schedule is established and at least one payment is received; or
3. Other arrangements satisfactory to DoC are made.

#### *No Obligation for Future Funding*

If an application is accepted for funding, DoC has no obligation to provide any additional future funding in connection with that award. Renewal of an award, increased funding, or extending the period of performance is at the total discretion of NIST.

#### *Federal Policies and Procedures*

Recipients and subrecipients under the Fire Research Grants Program are subject to all applicable Federal laws and Federal and Departmental policies, regulations and procedures applicable to Federal financial assistance awards. The Fire Research Grant Program does not directly affect any state or local government. Applications under this program are not subject to Executive Order 12372, "Intergovernmental Review of Federal Programs."

#### *Purchase of American-Made Equipment and Products*

Applicants are hereby notified that they are encouraged, to the greatest extent practicable, to purchase American-made equipment and products with funding provided under this program.

#### *Indirect Costs*

The total dollar amount of the indirect costs proposed in an application under this program must not exceed the indirect cost rate negotiated and approved by a cognizant Federal agency prior to the proposed effective date of the award or 100 percent of the total proposed direct cost dollar amount in the application, whichever is less.

#### *Executive Order Statement*

This funding notice was determined to be "not significant" for purposes of E.O. 12866.

Dated: February 26, 1998.

**Robert E. Hebner,**

*Acting Deputy Director, National Institute of Standards and Technology.*

[FR Doc. 98-5531 Filed 3-3-98; 8:45 am]

BILLING CODE 3510-13-M

## DEPARTMENT OF COMMERCE

### National Institute of Standards and Technology

#### Government Owned Inventions Available for Licensing

**AGENCY:** National Institute of Standards and Technology, Commerce.

**ACTION:** Notice of Government owned inventions available for licensing.

**SUMMARY:** The inventions listed below are owned in whole or in part by the U.S. Government, as represented by the Department of Commerce. The Department of Commerce's ownership interest in the inventions is available for licensing in accordance with 35 U.S.C. 207 and 37 CFR part 404 to achieve expeditious commercialization of results of Federally funded research and development.

#### **FOR FURTHER INFORMATION CONTACT:**

Technical and licensing information on these inventions may be obtained by writing to: National Institute of Standards and Technology, Industrial Partnerships Program, Building 820, Room 213, Gaithersburg, MD 20899; Fax 301-869-2751. Any request for information should include the NIST Docket No. and Title for the relevant invention as indicated below.

**SUPPLEMENTAL INFORMATION:** NIST may enter into a Cooperative Research and Development Agreement ("CRADA") with the licensee to perform further research on the invention for purposes of commercialization. The inventions available for licensing are:

*NIST Docket Number:* 96-050US.

*Title:* Implementation of Role-Based Access Control in Multi-Level Secure Systems.

*Abstract:* Role-based access control (RBAC) is implemented on a multi-level secure (MLS) system by establishing a relationship between privileges within the RBAC system and paris of levels and compartments within the MLS system. The advantages provided by RBAC, that is, reducing the overall number of connections that must be maintained, and, for example, greatly simplifying the process required in response to a change of job status of individuals within an organization, are then realized without loss of the security provided by MLS. A trusted interface function has been developed to ensure that the RBAC rules permitting individuals access to objects are followed rigorously, and provides a proper mapping of the roles to corresponding pairs of levels and compartments.

*NIST Docket Number:* 96-052US.

*Title:* Process for the Enactment of Workflow Using Role-Based Access Control.

*Abstract:* A workflow sequence specified by a process definition is managed by a workflow management system which enacts each segment in the order specified by that process definition. Role-based access control (RBAC) is used to define membership of individuals in groups, i.e., to assign individuals to roles, and to then activate the roles with respect to the process at appropriate points in the sequence. Any individual belonging to the active role can perform the next step in the business process. Changes in the duties and responsibilities of individuals as they change job assignments are greatly simplified, as their role memberships are simply reassigned; the workflow process is unaffected.

*NIST Docket Number:* 97-017US.

*Title:* Domain Engineered Ferroelectric Optical Radiation Detector.

*Abstract:* The invention uses electric field poling at room temperature to selectively reverse the direction of the spontaneous polarization in a z-cut LiNbO<sub>3</sub> electret to produce a bicell pyroelectric detector. Microphonic noise that is typical of monocell pyroelectric detectors is reduced in the present device. Investigation of the pyroelectric electret geometry and the vibration modes of the detector assembly may lead to designs with even greater microphonic suppression. More complicated domain reversal patterns may accommodate refined detector designs and could be used to create multi-element sensors.

*NIST Docket Number:* 97-021US.

*Title:* Temperature Calibration Wafer for Rapid Thermal Processing Using Thin-Film Thermocouples.