



## NATIONAL SCIENCE FOUNDATION

### ANNOUNCEMENT NUMBER S20020151-IPA DEPUTY DIRECTOR, LARGE FACILITY PROJECTS, OFFICE OF BUDGET, FINANCE, AND AWARD MANAGEMENT (BFA)

The National Science Foundation is seeking qualified candidates for the position of Deputy Director, Large Facility Projects, Office of Budget, Finance, and Award Management (BFA). In addition to seeking candidates who are interested in appointment on a Senior Executive Service career basis (S20020151-C) or limited term basis (S20020151-LTD), NSF is also inviting individuals who might be interested in an Intergovernmental Personnel Act assignment to submit an application. A statement of duties of the position and a list of qualification requirements are included below and on the reverse side of this announcement.

#### **CANDIDATES WHO APPLIED UNDER ANNOUNCEMENT NUMBER S20020051 MUST REAPPLY.**

Initial assignments under the IPA mechanism may be made for a period of up to two years. Individuals eligible for an IPA assignment with a Federal agency include employees of State and local government agencies or institutions of higher education, Indian tribal governments, and other eligible organizations in instances where such assignments would be of mutual benefit to the organizations involved. The individual remains an employee of the home institution and cost-sharing arrangements are generally negotiated between NSF and the home institution. **Individuals interested in an IPA assignment should submit curriculum vitae or Federal application form and a letter referencing qualifications to the following address:**

**National Science Foundation  
Division of Human Resource Management  
Executive Personnel  
ATTN: S20020151-IPA  
4201 Wilson Boulevard, Room 315  
Arlington, VA 22230**

**The closing deadline for receipt of applications is **October 18, 2002.****

**Applications may be transmitted electronically to [execsrch@nsf.gov](mailto:execsrch@nsf.gov), mailed or delivered to the following address:** National Science Foundation, Division of Human Resource Management, Executive Personnel, Room 315, ATTN: S20020151-IPA, 4201 Wilson Blvd., Arlington, VA 22230. The phone number for vacancy announcements coordinated by the Executive Personnel Staff is (703) 292-8755; hearing impaired individuals should call TDD on 703-292-8044. Persons interested in the Senior Executive Service appointment options should request copies of announcements S20020151-C and S20020151-LTD for additional information and application instructions. Information on the NSF mission, structure, programs and operations may be found at [www.nsf.gov](http://www.nsf.gov). The National Science Foundation provides reasonable accommodations to applicants with disabilities on a case-by-case basis. If you need a reasonable accommodation for any part of the application and hiring process, please notify the point of contact located on this vacancy announcement.

**STATEMENT OF DUTIES:** The Office of Budget, Finance, and Award Management (BFA) Deputy Director, Large Facility Projects, serves as a member of the NSF management team overseeing the budgeting, planning, construction and operation of large, complex, cutting-edge, multi-user science and engineering research facilities located around the world, including for example, state of the art telescopes, particle accelerators and detectors, distributed multi-user research infrastructure and platforms, and academic research ships. Within NSF, responsibility for management and performance of each large facility project, from conception to operation, is vested in a Program Manager and the cognizant Division Director and Assistant Director. The BFA Deputy Director, Large Facility Projects serves as NSF's principal agent for monitoring the business operations aspects of large facility projects design, construction/acquisition, operation, management and oversight. The incumbent applies personal technical expertise and considerable interpersonal skills and draws on that of experts in specific relevant construction areas in meeting project quality, scope, schedule and cost goals. In partnership with NSF Program Managers for large research facility projects and their Project Advisory Teams, the incumbent plays a lead role in the development, implementation and continuous improvement of NSF management and oversight policies, guidelines and procedures for large science and engineering research facility projects.

## QUALIFICATIONS REQUIREMENTS

### **Essential**

### **EXECUTIVE/MANAGERIAL**

- 1. Leading Change.** Demonstrated ability to contribute to development of an organizational vision for NSF large, complex, cutting-edge, multi-user science and engineering research facility projects that integrates key national science and engineering research and education goals with strong management principles. Includes understanding of the relative roles and relationships between NSF and external entities (primarily universities and non-profit organizations) in the planning, construction, operation and performance of large facility projects. Includes the ability to formulate effective program management and oversight strategies for centralized and distributed large science and engineering research facility projects, consistent with the overall goals of the organization. Includes the ability to institutionalize shared learning and contemporary best practices in large facility project policies, guidelines and procedures.
- 2. Leading People.** Demonstrated ability to achieve organizational objectives by effectively leading teams. Demonstrated ability to achieve organizational goals through effective and innovative management approaches emphasizing interdisciplinary coordination and teamwork. Includes the ability to promote quality through the effective use of performance standards and assessment. Includes leveraging diversity and other differences, identifying developmental opportunities for team members, fostering commitment and team spirit, and constructively resolving conflicts.
- 3. Results Driven Leadership.** Demonstrated knowledge and ability in planning and managing the business operations aspects of construction and/or acquisition of large, complex, cutting-edge, multi-user science and engineering research facility projects. Includes the ability to make timely and effective decisions, to produce results through strategic planning and implementation of protocols guiding the pre- and post-award management and oversight of such large facilities.
- 4. Business Acumen.** Demonstrated ability to utilize human, financial, material, and information resources in a manner that instills public trust and accomplishes the organization's mission and to take advantage of new technologies to enhance the effectiveness of large facility project management and oversight. Includes demonstrated ability in managing large, complex, cutting-edge, multi-user science and engineering research facility project construction, acquisition and operations to meet project quality, scope, schedule and cost goals.
- 5. Building Coalitions/Communications.** Demonstrated ability to serve as a senior NSF spokesperson on the business aspects of large, complex, cutting-edge, multi-user science and engineering research facility projects. Demonstrated ability to coordinate organizational strategy and initiatives with representatives of science and engineering communities, both internal and external for NSF. Includes demonstrated ability to interact constructively and professionally with Federal officials, representatives of professional science and engineering organizations and the private sector, in the U.S. as well as overseas.

### **Essential**

### **PROFESSIONAL/TECHNICAL**

1. Advanced degree or equivalent professional experience or both in a field such as accounting, financial management, business administration, or research administration.
2. Demonstrated knowledge and skill in the development and implementation of policies, guidelines and procedures resulting in the effective planning, construction, operations, management and oversight of large, complex, cutting-edge, multi-user science and engineering research facilities.
3. Demonstrated ability to estimate costs, plan schedules, evaluate progress toward construction and/or acquisition, and assess business operations capabilities and performance.
4. Demonstrated skill in the business operations aspects associated with planning, construction/acquisition and operation of large, complex, cutting-edge, multi-user science and engineering research facilities.
5. Demonstrated experience bridging business operations with technical development of large, complex, cutting-edge, multi-user science and engineering research facilities, such as with particle accelerators and detectors, telescopes, distributed multi-user research infrastructure and platforms, and the like.

### **Desirable**

1. Degree or equivalent professional experience in a field of science or engineering related to the NSF mission.
2. Knowledge of Federal funding processes (i.e., cooperative agreements, grants, and contracts).

**NSF IS AN EQUAL OPPORTUNITY EMPLOYER COMMITTED TO EMPLOYING A HIGHLY QUALIFIED STAFF THAT REFLECTS THE DIVERSITY OF OUR NATION.**

NATIONAL SCIENCE FOUNDATION  
APPLICANT SURVEY

OMB No. 3145-0096  
Expiration: 7/31/2005

Vacancy Ann. #: \_\_\_\_\_ Position Status (temporary/permanent): \_\_\_\_\_

Position Title/Series/Grade: \_\_\_\_\_

INSTRUCTIONS

Your completion of this form will be appreciated. Submission of this Information is voluntary and it will have no effect on the processing of your application. The data collected will be used only for statistical purposes to ensure that agency personnel practices meet the requirements of Federal law. Pursuant to 5 CFR 1320.5(b), an agency may not conduct or sponsor, and a person is not required to respond to an information collection unless it displays a valid OMB control number. The OMB control number for this collection is 3145-0096. NSF estimates that each respondent should take about 3 minutes to complete this survey, including time to read the instructions. You may have comments regarding this burden estimate or any other aspect of this survey, including suggestions for reducing this burden. If so, please send them to NSF Reports Clearance Officer, Division of Administrative Services, NSF, 4201 Wilson Blvd., Arlington, VA. 22230.

PRIVACY ACT INFORMATION

GENERAL - This information is provided pursuant to Public Law 93-579 (Privacy Act of 1974), December 31, 1974, for individuals completing Federal records and forms that solicit personal information.

AUTHORITY - Section 7201 of title 5 of the U.S. Code and Section 2000e-16 of title 42 of the U.S. Code.

PURPOSE AND ROUTINE USES

The information is used for research and for a Federal Equal Opportunity Recruitment Program (FEORP) to help insure that agency personnel practices meet the requirements of Federal law. Address questions concerning this form and its uses to the Privacy Act Officer, National Science Foundation, Arlington, VA 22230.

1. Today's Date: \_\_\_\_\_ 2. Year of Birth: \_\_\_\_\_

3. How did you learn about the particular position for which you are applying? (Circle appropriate number.)

- 01 - Newspaper (specify) \_\_\_\_\_
- 02 - Contact with NSF Personnel Office (Agency Bulletin Board or other Announcement)
- 03 - NSF-initiated personal contact
- 04 - Science Magazine, or other professional journal or magazine (specify) \_\_\_\_\_
- 05 - Affirmative Action Register
- 06 - Attendance at conference, meeting or job fair (specify) \_\_\_\_\_
- 07 - NSF recruitment at school or college
- 08 - Colleague referral
- 09 - NSF Bulletin
- 10 - Federal, State or local job information center
- 11 - State vocational rehabilitation agency or Veterans Administration
- 12 - State employment office
- 13 - School or college counselor or other official
- 14 - Private job Information service
- 15 - Private employment service
- 16 - Friend or relative working at NSF
- 17 - Friend or relative not working at NSF
- 18 - NSF website
- 19 - Internet or other website
- 20 - Other (specify) \_\_\_\_\_

4. Select the ethnic category with which you most closely identify:

- A. **Hispanic or Latino.** A person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race.
- B. **Not Hispanic or Latino.**

5. Select one or more racial category with which you most closely identify:

- A. **American Indian or Alaska Native.** A person having origins in any of the original peoples of North and South America (including Central America), and who maintains tribal affiliation or community attachment.
- B. **Asian.** A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.
- C. **Black or African American.** A person having origins in any of the black racial groups of Africa.
- D. **Native Hawaiian or Other Pacific Islander.** A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.
- E. **White.** A person having origins in any of the original peoples of Europe, the Middle East, or North Africa.

6. Sex (Circle the appropriate letter.) F - Female M - Male

7. Please provide information on your disability status by circling the appropriate category below:

- 1. I do not have a disability; 2. Hearing impairment; 3. Vision impairment; 4. Missing extremities; 5. Partial paralysis;
- 6. Complete paralysis; 7. Convulsive disorder; 8. Mental retardation; 9. Mental or emotional illness; 10. Severe distortion of limbs and/or spine; 11. I have a disability but it is not listed.

FOR AGENCY USE

Agency Code: \_\_\_\_\_

AN EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER