

# PROGRAM ANNOUNCEMENT

NATIONAL FOUNDATION OF SCIENCE AND ADVANCED TECHNOLOGIES  
(NFSAT)

AND

U.S. CIVILIAN RESEARCH AND DEVELOPMENT FOUNDATION FOR THE INDEPENDENT  
STATES OF THE FORMER SOVIET UNION  
(CRDF)

## Armenian-U.S. Bilateral Grants Program-III

### *I. Introduction*

#### **Summary of Important Features of the Program**

NFSAT and CRDF will conduct a two-part merit-based competition for grants to support research in the all areas of Exact, Natural and Technical sciences. NFSAT and CRDF will give the highest priority to proposals including former defense scientists and young scientists, including undergraduate students at Armenian universities having completed at least three years, graduate students and those scientists who have received their Ph.D. or *Kandidat* within the last 6 years.

?? All awards will be for collaboration between researchers of the Republic of Armenia and their colleagues in the United States.

?? ***The Armenian Principal Investigator and all Armenian team members must be Armenian citizens currently residing and working in Armenia. The American Principal Investigator must be a citizen or permanent resident of the United States.***

?? Assuming sufficient meritorious proposals, approximately \$600,000 will be awarded.

?? The competition will be divided into Category A and Category B.

?? Applicants to Category A may request up to \$30,000 for a 24-month period. At least 80% of total project costs must be designated for the Armenian component of the collaboration. NFSAT and CRDF will award twelve grants for Category A.

?? Applicants to Category B may request up to \$80,000 for a 24-month period. These larger grants will include state-of-the-art scientific equipment comprising up to \$50,000 of the total for the Armenian component of the collaboration to carry out awarded research. No more than \$5,000 may be designated for the U.S. component of the collaboration. NFSAT and CRDF will award three grants for Category B.

?? Applicants must submit an original hardcopy of the proposal to NFSAT and an electronic copy to CRDF.

?? For explanatory purposes or for the sake of clarification, this Program Announcement may be translated into one or more languages other than English. In the event of the existence of such translations, the English-language version shall serve as the definitive variant in determining the interpretation of any provision of this Announcement.

?? **The deadline for proposals to be submitted to the NFSAT and CRDF is 6:00 pm local time on February 28, 2002.**

## ***II. Background on the NFSAT***

The National Foundation of Science and Advanced Technologies is a non-profit, voluntary, self-financing organization established in 1997 according to the legislation of the Republic of Armenia. The goals of the NFSAT are to:

- A) Promote scientific research and technological development in various fields in conformity with international standards, as well as to develop the scientific and engineering potential in the Republic of Armenia;
- B) Provide direct funds (grants) for scientific research and development projects on a competitive basis.

## ***III. Background on the CRDF***

The U.S. Civilian Research and Development Foundation for the Independent States of the Former Soviet Union (CRDF) is a unique public-private partnership to support cooperative research between U.S. scientists and engineers and their counterparts in the former Soviet Union (FSU). The mission of the CRDF is to fund civilian basic and applied research conducted in the countries of the FSU and to promote defense conversion and development of market economies in the region. Further information on the CRDF may be found on-line at <http://www.crdf.org>.

All activities funded by the NFSAT and CRDF must be oriented toward non-defense objectives and must be carried out in a civilian environment.

This competition is made possible through funds provided to the CRDF from the U.S. Government for the promotion of Armenian science and technology development.

## ***IV. The Armenian-U.S. Bilateral Grants Program***

- A. **Overview.** The Armenian-U.S. Bilateral Grants Program supports cooperative research in all areas of basic and applied research and development by funding joint teams of Armenian and U.S. researchers. For the grants valued up to \$30,000 (Category A), at least 80% of the funds awarded to each project will be used for project-related expenses of the Armenian component of the research team, including institutional support. For the grants valued up to \$80,000 (Category B), up to \$50,000 must be allotted for the purchase of state-of-the-art scientific equipment and no more than \$5,000 can be used for the support of the U.S. team. **Proposals to this program are due no later than 6:00 pm local time on Friday, February 1, 2002. All applicants must submit two copies of their proposal: one original hardcopy to NFSAT and one electronic copy to CRDF, which must be submitted through the CRDF website. Details are provided below.**
- B. **Eligibility.** Each proposal submitted to the NFSAT/CRDF Program must have one Armenian Principal Investigator and one U.S. Principal Investigator, who share overall responsibility for the project in their respective countries, coordinating all participating personnel and institutions. Each Principal Investigator must possess the degree of Ph.D., *Kandidat* or the equivalent. The Armenian Principal Investigator must be an Armenian citizen currently residing and working in Armenia, and must work full-time in a civilian institution. The U.S. Principal Investigator must be a U.S. citizen or permanent resident. No individual may appear as a Principal Investigator in more than one proposal submitted to this program. Persons who are administrative superiors of a Principal Investigator may not be included in the proposal. NFSAT will make its Internet resources available to assist potential Armenian applicants seeking to identify U.S. counterparts.

Proposals that include the participation of a U.S. for-profit company are eligible to apply to the Bilateral Grants Program, but the U.S. for-profit company must agree to cost-share on

this project. This cost-sharing must include two components: 1) U.S. for-profit company coverage of all U.S. team expenses; and 2) a contribution by the U.S. for-profit company to some of the expenses of the Armenian team. The required contribution to the Armenian team expenses is a function of the company's size:

<u>Number of Employees</u>	<u>Required Contribution to Armenian Team Expenses</u>
1 - 10	10% of Total Amount Requested from NFSAT
11 - 50	25% of Total Amount Requested from NFSAT
51 - 100	50% of Total Amount Requested from NFSAT
100 - 500	75% of Total Amount Requested from NFSAT
Over 500	100% of Total Amount Requested from NFSAT

Both components of the cost-share must be described in the Budget Narrative of the proposal (see below). U.S. for-profit companies are encouraged to contact CRDF for more information about cost-sharing prior to submitting a proposal.

NFSAT and CRDF strongly encourage the full-time inclusion of Armenian researchers formerly engaged in work on weapons of mass destruction or in other defense research in the civilian research projects funded through this program. NFSAT and CRDF will give priority consideration to proposals under this program that include full-time participation by Armenian defense scientists in civilian topics in civilian research environments.

- C. **Proposal Submission.** All proposals must be in English. Each proposal must include a cover sheet (Form A) with basic information about the proposal, Armenian Principal Investigator, Armenian Institute Director, and U.S. Principal Investigator, and include *all* of the elements in Section G, below.

The U.S. and Armenian Principal Investigators should simultaneously submit one original completed application to NFSAT no later than 6:00 pm local time and one electronic application to CRDF through the CRDF website no later than 6:00 pm U.S. Eastern Standard Time (EST) February 1, 2002.

Specifically, applications to NFSAT should be sent to:

National Foundation of Science and Advanced Technologies (NFSAT)  
 26, Azatutyan Ave.  
 375014 Yerevan  
 Republic of Armenia  
 Tel: (374-1) 28-81-92  
 Fax: (374-1) 15-12-73  
 CBS@nfsat.am

NFSAT will not accept fax submissions. For applications submitted to NFSAT, the cover sheet must include the faxed or original signatures of both the U.S. and Armenian Principal Investigators.

Electronic applications to CRDF should be sent through the CRDF website:

**<http://www.crdf.org>**

***Proposals may be submitted through this site anytime after December 15, 2001 and before the February 1, 2002 deadline.*** Proposals should be submitted electronically only ONE time and by only ONE Principal Investigator on the project. The Armenian and US Principal Investigators should jointly develop the proposal and obtain the concurrence of the

Armenian Institute Director. Once the final version of the proposal has been produced, they should select *one Principal Investigator* to submit the proposal electronically through the CRDF website. ***Please note that the electronic proposal must be submitted in its entirety at one time.*** Further instructions on electronic proposal submission are available at this website. A hardcopy of the proposal is not required to be submitted to CRDF at any time.

All proposals must be complete when submitted to NFSAT and CRDF. Any proposal not containing all required forms or sections as indicated on the following checklist and as described in detail in Section G, below, will be ruled ineligible.

**Checklist of Documents Required for Proposal Submission:**

- ? Cover Sheet (Form A)
- ? Abstract
- ? Project Narrative
- ? Justification for Major Equipment (*for Category B applicants only*)
- ? Curriculum Vitae
- ? Budget (Form B)
- ? Budget Narrative
- ? FSU Personnel Data (Form C)
- ? Statement of Other Support (Form D)

No modifications may be made to any proposal once NFSAT and CRDF have received it. If circumstances change so significantly since the time of proposal submission that the project can no longer be carried out as proposed, the Principal Investigators should notify the NFSAT and CRDF accordingly, in writing, and indicate that they are withdrawing the proposal from the competition.

- D. **Confirmation of Receipt.** NFSAT will confirm receipt of proposals via e-mail messages to the Armenian and U.S. Principal Investigators respectively. At the conclusion of the electronic submission process, a confirmation and verification message will be sent immediately to the U.S. Principal Investigator, the Armenian Principal Investigator, and the Armenian Institute Director.
- E. **Review of Proposals.** All proposals will be screened for eligibility and completeness upon receipt by the NFSAT and CRDF. CRDF's role in the review process will be to arrange for expert reviews of the proposals by American reviewers. NFSAT will simultaneously recruit Armenian and international experts who will use the criteria described in Section F, below, to evaluate the proposals and make funding recommendations. On the basis of the results of the peer review and the NFSAT and CRDF priorities identified above, the CRDF and the NFSAT will jointly select proposals for an award, subject to the availability of funding. All joint decisions of the NFSAT and the CRDF are final. NFSAT and CRDF will announce all awards on approximately May 15, 2002. NFSAT and CRDF will issue formal awards 6-8 weeks thereafter.
- F. **Evaluation Criteria.** Proposals will be evaluated by experts appointed by the NFSAT and CRDF. The experts will utilize the following criteria in the evaluation of proposals for this program. The first two serve as NFSAT's and CRDF's primary and most important criteria, and must be met by all projects; the remaining four serve as supplementary criteria, as appropriate to the nature of each project:
1. **Performance Excellence:** the capability of the investigators, the technical soundness of the proposed approach, the adequacy of the technical resources and capabilities available to the project through all participants, and soundness of plans to manage and coordinate the project.

2. **Intrinsic Merit:** the likelihood that the project may lead to new knowledge or novel processes that will have a substantial impact on one or more fields of science.
3. **Utility:** the likelihood that the results of the project will serve as the basis for new or improved technology, have potential commercial value in the marketplace, or assist in the solution of societal problems, especially in Armenia.
4. **Defense Conversion:** in the sense of full-time participation of defense scientists in civilian projects carried out in civilian research environments. A brief description of the scientist's defense experience must appear on the Cover Sheet (Form A).
5. **Mutuality of Benefit:** the likelihood that the project will result in comparable scientific or technical benefits to Armenia and to the United States and other participants.
6. **Effect on the Infrastructure of Science and Engineering:** potential for improving the broad basis of science and technology, including: education and personnel (e.g., participation of younger scientists and students, university researchers, and women); geographic distribution of R&D personnel and resources; and sharing of equipment among institutions.

G. **Proposal Contents.** Each proposal must include all the following elements, in the order prescribed below. Only applications that include this information will be considered. All proposals should be typed single-spaced in English, point 10-font size, with margins of 2.5cm (one inch) at the sides and on the top and bottom, with all pages, including forms, numbered consecutively in the upper right corner.

NFSAT and CRDF will treat all proposals as confidential material and will require all reviewers to respect the confidentiality of proposals. However, proposal authors are advised that successful proposals will be treated as being in the public domain. Therefore, at the author's discretion, specific information in the proposal which is business-confidential and not intended for public dissemination should be clearly labeled as such at the top and bottom of the applicable page of the proposal. Such pages will be withheld from public distribution if the proposal is successful. Proposals that do not result in awards are not subject to public dissemination by NFSAT and CRDF.

**IMPORTANT NOTICE: No proposal for Category A may exceed 20 pages in length, including all forms. Proposals for Category B may not exceed 22 pages, including all forms and the Justification for Major Equipment. Any proposal exceeding the aforementioned lengths will be deemed ineligible.**

1. **Cover Sheet.** (Form A). The cover sheet that is submitted to NFSAT must contain the original signatures or faxed copies of original signatures of both the Armenian and the U.S. Principal Investigators. Armenian teams that include members with defense research backgrounds MUST indicate this in response to the appropriate question on Form A.
2. **Abstract.** In one concise paragraph, summarize all relevant aspects of the project, with special attention to its objectives, methods, and potential results.
3. **Project Narrative (6 pages maximum).** Describe:
  - a. The approach, objectives, milestones, and measurements of success that will be used;

b. How the individual and combined competencies of the Armenian and U.S. research team will enable the project to be carried out, and what relevant prior work has been carried out by members of the team;

c. The anticipated results of the project and how they relate to the NFSAT and CRDF evaluation criteria (Section IV.F);

d. Equipment to be utilized in the project, with special attention to justifying requests for any equipment for which CRDF and NFSAT support is requested;

e. How the Armenian and U.S. Principal Investigators will coordinate project implementation and assess progress at regular intervals. **Each project must involve significant, substantive cooperation between the U.S. and Armenian teams.** All proposed international travel to be funded under the project must be described in terms of its purpose and duration.

f. If the current proposal is based on a previous CRDF grant, the Principal Investigators must include in the above project narrative a detailed description of the goals and accomplishments of the previous project. In doing so, the Principal Investigators must indicate clearly the rationale for the continuation or expansion of the project. The discussion of the previous grant should also reference relevant publications, conference presentations, and other milestones resulting from the previous grant. In addition, such Principal Investigators must be up-to-date on submitting the required reports to CRDF and NFSAT for the previous grant, as CRDF and NFSAT reviewers may consult these materials in their evaluation.

4. **Justification for Major Equipment- *Category B applicants only (2 pages maximum)***. Describe:

a. The necessity of the requested equipment for conducting the research described in section G.3.

b. Comparative expediency of the requested equipment. Describe the advantages of using this particular equipment by explaining its characteristics (manufacturer, basic design, effectiveness, accuracy, cost, etc.) relative to other similar equipment.

c. The capabilities and resources of the host facility. Describe the institutional support that will be provided for the requested equipment, including the management plan, available space, maintenance, technical resources, security measures, etc. In addition, describe any previous experience with other major pieces of equipment.

5. **Personnel.** The proposal must contain a *curriculum vitae* for each person on the project. Each *curriculum vitae* should be no more than one-half page for each of the personnel on the project (both Armenian and U.S.), giving the person's name, title, current and previous institutional affiliations with dates, area of expertise, and, if available, titles of his or her five most recent scientific publications of relevance to the project. Not more than six team members (including Principal Investigators) may be included on the Armenian team. Armenian defense scientists and engineers should be identified as such, with a three- or four-word description of their defense-related work. This information should be distinguished from the rest of the curriculum vitae with bold type, capitalization, italics or underlining.

6. **Budget (Form B).** A budget must be submitted using Form B to this announcement. Form B consists of one page for the full 24-month total. This page must be filled out completely. It contains two columns: "Armenian Team Expenses;" and "U.S. Team

Expenses.” (Categories of expenses are explained further below in “H. Allowable Costs.”)

7. **Budget Narrative.** A separate sheet explaining each budget item must follow the budget forms. This sheet should be clearly marked “Budget Narrative.”

8. **Armenian Personnel Data (Form C).** Please fill this out for each Armenian investigator other than the Armenian Principal Investigator. Please copy this page as necessary to complete information about all Armenian personnel, including all researchers, engineers, students, technicians, consultants, and subcontractors.

9. **Statement of Other Support (Form D).** Both Principal Investigators **must** complete the Statement of Other Support, listing current and pending sources of support, excluding administrative and salary support from their own institution and those sources of support which are already included under the “Cost-Sharing” in the budget. Grants from foreign or domestic agencies do not preclude support from the NFSAT and CRDF. **If no other support exists, please state “NONE.”**

H. **Allowable Costs.** No proposal from Category A requesting more than \$30,000 or from Category B requesting more than \$80,000 will be considered. The maximum duration for all grants is two years (24 months). The following costs are permitted under NFSAT and CRDF guidelines for this program:

1. **Armenian Team’s Expenses.** Support for the Armenian team’s expenses must account for no less than 80% of the total for Category A, and no less than \$75,000 of the total for Category B. Allowable expenses include:

a. **Individual Financial Support.** Individual financial support in a total amount not exceeding an **average** of \$280 per person per month for a full-time effort for those Armenian personnel who will receive support through the project. Actual individual financial support requests may not exceed \$350 per person per month for a full-time effort.

b. **Equipment and Supplies.** Support for research equipment, including computers and telecommunications devices, subscriptions to scientific journals and telecommunications services, and reagents and other materials to be used in the research. Any item of requested equipment valued at more than \$1,000 must be specifically described and justified in the Budget Narrative. Applicants to Category B **MUST** provide a separate Justification for Major Equipment (two pages maximum) in accordance with the description in G.4. No proposal for Category B requesting more than \$50,000 for Major Equipment will be considered.

c. **Travel.** One travel opportunity per year and related per diem support for the Armenian project personnel in connection with the project may be requested. Travel funds may include domestic travel within the FSU, travel to the United States to work with the U.S. partner, as well as limited support for travel to international scientific meetings. The purpose and cost of all travel should be justified in the Budget Narrative. The following cost guidelines should be used in preparing the budget:

(1) **International Transportation.** Lowest-cost applicable round-trip airfare from Armenia. Travel must be on U.S. carriers on all segments for which they are available, and is mandatory on transoceanic flights.

(2) **International Living Allowances.** For research visits of two weeks or less, living allowances should follow U.S. Government per diem guidelines (please refer to the following website for detailed rates:

<http://policyworks.gov/org/main/mt/homepage/mtt/perdiem/travel.html>.

For research visits of two weeks or longer, the allowable rate is \$2,000 per month or the prorated equivalent. These allowances cover all costs, including mandatory health insurance, which is required. Normally, the maximum single stay abroad with NFSAT and CRDF support is one month. Grantees requesting more than one month should justify such stays abroad in the budget narrative. While grant funds may be used to purchase airline tickets in part or in full to attend scientific meetings in other countries, no per diem for such visits may be taken from the grant.

(3) **Transportation in the Former Soviet Union.** Armenian participants who are required to travel within the Former Soviet Union (FSU) for project related activities should estimate and include such expenses under the FSU transportation and per diem sections of Form B and should provide justification for these costs in the Budget Narrative.

- d. **Subcontracts** for project-related costs to other institutions. Subcontracts may include any allowable costs described in this section. All personnel and facilities involved in subcontracts must be specifically listed and described in the proposal. A separate budget must be included for each subcontract.
- e. **Institutional Support.** Armenian grantees must include in their budgets an allowance for institutional costs to their home institution(s), e.g. utilities, equipment, admin/clerical support staff, etc. The institutional support is to be calculated at no more than 10% of the Armenian team expenses. The total amount of institutional support requested for the entire award period may not exceed \$3,000 for Category A and \$5,000 for Category B.

2. **U.S. Team's Expenses.** Support for the U.S. team's expenses may account for no more than 20% of the total 24-month project budget for applicants to Category A, and no more than \$5,000 for applicants to Category B, except as limited by the cost-sharing requirements of paragraph H.3, below. Additionally, the U.S. team may not request indirect costs for its institution. CRDF will distribute support to the U.S. team on a cost-reimbursable basis. Allowable expenses are limited to the following:

- a. **Travel Expenses.** Transportation and per diem support for scientific travel of U.S. project personnel in connection with the project to Armenia may be requested. All travel must be at lowest available cost and must be on U.S. carriers wherever service is available, mandatory on transoceanic flights. Per diem must not exceed U.S. Government guidelines, as specified at the following website: <http://www.state.gov/www/perdiems/index.html>. U.S. team members should justify the purpose and expense of all travel in the budget narrative.
- b. **Expendable Materials and Supplies.** The budget may include expendable materials and supplies that are necessary to carry out the U.S. team's or laboratory's role in the proposed collaboration. Expenses for telecommunication services shipping and postage fees may also be requested within this category if they are necessary to carry out the proposed project. All expenses in this category which together total more than \$1,000 must be itemized and justified in the Budget Narrative.

c. **Graduate Student Stipend.** The U.S. team may request individual financial support for a graduate student member of the team, for a maximum of \$4,000 for the entire award period.

3. **Cost-Sharing.** Cost sharing is defined as direct financial or in-kind contributions to the proposed project from a source other than the NFSAT and CRDF. **Cost-sharing is mandatory for all for-profit companies participating in CRDF projects and is strongly encouraged for all other institutional performers.** Participants from for-profit companies must cover at least 10% of the Armenian team expenses and should contact CRDF for specific instructions on this subject.

All cost-sharing should be clearly indicated on the budget forms in the space provided. If funds listed under cost sharing are to be drawn from proposals currently pending with other funding sources, this should be indicated in the Budget Narrative.

- I. **Intellectual Property.** The NFSAT and CRDF make no claim to any intellectual property produced through activities they finance. CRDF and NFSAT's primary interest is that intellectual property rights be equitably allocated. For this reason, they require that all persons or institutions applying for support of cooperative activities make adequate provisions for the protection of intellectual property which is included in, or which may arise through, CRDF-NFSAT funded collaborations. Both the U.S. and Armenian parties should be familiar with and abide by the laws regarding intellectual property in their respective countries and by the regulations regarding grants for research projects. NFSAT and CRDF may require grantees to submit, as a condition of their NFSAT-CRDF Award, a jointly-executed statement indicating their commitment to equitably allocate intellectual property arising out of their jointly funded research and their procedure for implementing this commitment. Such a document would not be required until such time as NFSAT and CRDF offer an award.

V. **Information.** For further information about this and other CRDF and NFSAT programs, please contact:

U.S. Civilian Research and Development Foundation  
1800 N. Kent Street, Suite 1106  
Arlington, Virginia 22209  
Phone: 703/526-9720? Fax: 703/526-9721? e-mail: [armenia@crdf.org](mailto:armenia@crdf.org)  
WebPage: <http://www.crdf.org>

or

National Foundation of Science and Advanced Technologies  
26, Azatutyan Ave  
375014 Yerevan  
Republic of Armenia  
Tel: (374-1) 28-81-92 ? Fax: (374-1) 15-12-73 ? e-mail: [info@nfsat.am](mailto:info@nfsat.am)  
WebPage: <http://www.nfsat.am>

Inquiries by e-mail are strongly encouraged and will result in a prompt response.

**FORM A: COVER SHEET FOR ARMENIAN-U.S. BILATERAL GRANTS PROGRAM**

<b>GENERAL PROJECT INFORMATION</b>		<b>CATEGORY</b>	
Total Amount Requested from NFSAT/CRDF		Projected Length of Project (in months, not to exceed 24)	
General Scientific Field of Proposed Activity (e.g. Chemistry, Electronics, Mathematics)			
Brief descriptive title for your proposal (not to exceed twenty-five words)			

**INFORMATION ON THE ARMENIAN PRINCIPAL INVESTIGATOR**

Full Name (Last, First, Patronymic)			
Position/Title			
Date of Birth (MM/DD/YY)		Passport Number	
Sex (Male or Female)		Highest Degree Earned	
Field of Degree		Year Awarded	
Telephone #		Facsimile #	
E-Mail			
Institution/Address			
Name of Institution Director		E-mail:	
<b>Have you participated in a previous CRDF program?</b>		<b>Yes</b>	<b>No</b>
<i>If yes, which program?</i>			
<i>Do you have experience in defense-related subjects?</i>		Yes	No
<i>If "Yes," please provide a brief 3-4 word description of the defense-related experience in the space below.</i>			
Total # of Arm.-based investigators, including Armenian PI (and total # of young scientists)			

**INFORMATION ON THE US PRINCIPAL INVESTIGATOR**

Full Name (Last, First, Middle)			
Position/Title			
Institution/Address			
Date of Birth (MM/DD/YY)		Passport Number	
Sex (Male or Female)		Highest Degree Earned	
Field of Degree		Year of Degree	
Telephone #		Facsimile #	
E-Mail	Are you a U.S. Citizen?   U.S. Permanent Resident?   (Check one)		
<b>Have you participated in a previous CRDF program?</b>		<b>Yes</b>	<b>No</b>
<i>If yes, which program?</i>			
Total Number of US-based investigators, including US Principal Investigator			

**SIGNATURES**  
*By signing this application, I certify that I meet all the eligibility requirements in this announcement and that I will honor all conditions of the program.*

Armenian Principal Investigator Signature		Date	
Armenian Institute Director Signature		Date	
US Principal Investigator Signature		Date	

**ARMENIAN-U.S. BILATERAL GRANTS PROGRAM  
FORM B: PROJECT BUDGET**

Expenses requested from CRDF

<i>Individual Financial Support</i>			<b>ARMENIAN Team</b>	<b>US Team</b>
Name	Amount Per Month	# Months		<i>Note: Grad Student Stipends Only</i>
<b>TOTAL INDIVIDUAL FINANCIAL SUPPORT</b>				
<b>Equipment and Supplies</b> <i>(Please list. All items over \$1,000 must be justified in the Budget Narrative. If more space is needed, please list on separate page.)</i>				<i>Note: Expendable materials &amp; supplies only</i>
1. Major Equipment (for Category B applicants only). The separate Justification for Major Equipment (2 pages maximum) MUST be provided as well.				
2. Supplies				
3.				
4.				
<b>TOTAL EQUIPMENT AND SUPPLIES</b>				
<b>Institutional Support</b> <i>(No more than 10% of Armenian team expenses. Total overhead not to exceed \$3,000 for Category A and \$5,000 for Category B)</i>				N/A
<b>Travel</b> <i>(Please describe in Budget Narrative.)</i>			-----	-----
Domestic Transportation				
Domestic Per Diem				
International Transportation				
International Living Allowance/Per Diem				
Other Travel Expenses (e.g. visa fees, conference registration fees, etc.)				
<b>TOTAL TRAVEL</b>				
<b>Subcontracts</b> <i>(All subcontracting institutions must be identified and subcontracts described in detail in the Budget Narrative.)</i>			-----	N/A
<b>Subcontract: Individual Financial Support</b>				N/A
Name	Amount/Month	# Months		N/A
				N/A
				N/A
<b>Subcontract: Equipment and Supplies</b> <i>(Please list. All items over \$500 must be justified in the Budget Narrative. If more space is needed, please list on separate page.)</i>				N/A
1.				N/A
2.				N/A
<b>Subcontract: Travel</b> <i>(Please describe in Budget Narrative.)</i>			-----	N/A
<b>Subcontract: Overhead</b> <i>(20% of total Individual Financial Support plus 20% of all items of equipment costing more than \$500. Total overhead not to exceed \$1,000)</i>				N/A
<b>TOTAL SUBCONTRACTS</b>				N/A
<b>Other</b> <i>(Please describe in Budget Narrative.)</i>				
<b>TOTAL REQUESTED FROM CRDF and NFSAT</b>				
<b>Plus TOTAL PROVIDED BY OTHER SOURCES</b>				
<b>TOTAL PROJECT COST</b>				

## ARMENIAN-U.S. BILATERAL GRANTS PROGRAM

### FORM C: ARMENIAN PERSONNEL DATA

*(For all members of the Armenian team other than the Armenian Principal Investigator. Please copy this page as necessary.)*

Full Name (Last, First, Patronymic)			
Institution/Address			
Date of Birth (MM/DD/YY)		Passport Number	
Telephone #		Facsimile #	
E-Mail			
Classification (please check one)			
Researcher	Student	Engineer	Technician
<b>Has the individual participated in a previous CRDF program?</b>		<b>Yes</b>	<b>No</b>
Which Program?			
Does the listed individual have experience in defense-related subjects?		Yes	No
If "Yes," please provide a brief 3-4 word description of the defense-related experience in the space below.			

Full Name (Last, First Patronymic)			
Institution/Address			
Date of Birth (MM/DD/YY)		Passport Number	
Telephone #		Facsimile #	
E-Mail			
Classification (please check one)			
Researcher	Student	Engineer	Technician
<b>Has the individual participated in a previous CRDF program?</b>		<b>Yes</b>	<b>No</b>
Which Program?			
Does the listed individual have experience in defense-related subjects?		Yes	No
If "Yes," please provide a brief 3-4 word description of the defense-related experience in the space below.			

Full Name (Last, First Patronymic)			
Institution/Address			
Date of Birth (MM/DD/YY)		Passport Number	
Telephone #		Facsimile #	
E-Mail			
Classification (please check one)			
Researcher	Student	Engineer	Technician
<b>Has the individual participated in a previous CRDF program?</b>		<b>Yes</b>	<b>No</b>
Which Program?			
Does the listed individual have experience in defense-related subjects?		Yes	No
If "Yes," please provide a brief 3-4 word description of the defense-related experience in the space below.			

ARMENIAN-U.S. BILATERAL GRANTS PROGRAM

FORM D

OTHER SOURCES OF SUPPORT OF ALL PERSONNEL

**Investigator Name:** \_\_\_\_\_

Support: \_\_\_\_\_ Current \_\_\_\_\_ Pending Submission Planned in Near Future

Project/Proposal Title: \_\_\_\_\_

Source of Support: \_\_\_\_\_

Award Amount: \_\_\_\_\_

Period Covered: \_\_\_\_\_

Location of Research: \_\_\_\_\_

**Investigator Name:** \_\_\_\_\_

Support: \_\_\_\_\_ Current \_\_\_\_\_ Pending Submission Planned in Near Future

Project/Proposal Title: \_\_\_\_\_

Source of Support: \_\_\_\_\_

Award Amount: \_\_\_\_\_

Period Covered: \_\_\_\_\_

Location of Research: \_\_\_\_\_

**Investigator Name:** \_\_\_\_\_

Support: \_\_\_\_\_ Current \_\_\_\_\_ Pending Submission Planned in Near Future

Project/Proposal Title: \_\_\_\_\_

Source of Support: \_\_\_\_\_

Award Amount: \_\_\_\_\_

Period Covered: \_\_\_\_\_

Location of Research: \_\_\_\_\_