

**HARYANA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY
BAYS NO 35-38, SECTOR 2, PANCHKULA**

**CALL FOR PROJECT PROPOSAL UNDER THE SCHEME “COLLABORATIVE
SCIENCE & TECHNOLOGY PROGRAMME-2011”**

Project proposals are invited under the scheme “Collaborative Science & Technology Programme (CSTP)” for further recommendation to Department of Science & Technology, Govt. of India, for financial assistance. The Council will act as a co-ordinator of the project and the Officer in the Council will take up the role of nodal co-ordinator.

1. NATURE OF PROJECT SUPPORT

The support is mainly to ensure integration of S&T for overall socio-economic development of Haryana State. The various categories of assistance are

(i) S&T Studies & Surveys:

This includes support for carrying out S&T studies / surveys including techno-economic analysis, simulation modeling and studies etc; and development of State S&T database, S&T resources; State S&T policy issues; specific status reports etc. The activities under this head should lead to specific action plan for project generation.

(ii) Location specific research & technology development :

Support for identifying/ projectising S&T programmes and for development oriented location specific research and technology development.

(iii) Pilot scale demonstration projects:

Pilot scale demonstration projects including field trials etc based on technologies developed by Central S&T Agencies/ Labs/ Institutions etc. relevant to the State needs. Proposals on Decentralized energy generation; Water purification and Waste management will be given priority.

(iv) Joint Programming:

To evolve and support certain joint programmes focussing on multi-sectoral area based approach to rural/ regional development in cooperation with multiple State & Central Institutions, NGO's and State S&T Councils. These areas should be so identified where S&T intervention could significantly improve the existing socio-economic conditions.

- 2. The major area of research** may be in areas such as Agriculture, Environmental Sciences, Physical Sciences, Biological Sciences, Veterinary Sciences, Medical Sciences, Fisheries, Poultry Science, Social Sciences and Engineering and Technology. S & T projects for societal applications like location specific research and appropriate technology development and their dissemination will be given preference.

3. Under this scheme, a financial assistance will be provided for a maximum period of 3 years to scientists and researchers working in the above field in any of the recognized universities, national labs./ institutes/ S & T agencies, NGO's, State S & T Councils (incase of joint programming) with proven track record.
4. Project proposals based on integration of S&T for overall socio-economic development of Haryana state will be given consideration under the scheme. Therefore, any proposal on basic research will not be considered.
5. Proposal received under CSTP will be subjected to initial screening in the Council. Only those proposals which are considered feasible and worth while will be recommended to Department of Science and Technology, Govt. of India for their consideration and financial assistance.

6. GUIDELINES FOR FORMULATING PROPOSALS

1. The proposal should clearly establish linkage of S&T to overall development of Haryana State. The area identified should have potential to contribute in socio-economic upliftment of the people of State.
3. Please orient your proposal objective to a few specific outputs, which could be possible in a duration of 18 months to 36 months (max).
4. While writing the proposal, please ensure that scientific and technical details are clearly spelt out.
5. Proposals should have specific, concrete, quantifiable objectives.
6. The proposals should be based on innovative technologies/ ideas. Major programmes of extension based on proven technologies are also not considered.
8. Results of ongoing and completed projects of the organization must be reflected in the formulation of new proposals.

All correspondence, including proposals may be sent to the following address latest by October 31st, 2011:

Secretary EC,
Haryana State Council for Science & Technology,
Bays no 35-38, Sector 2, Panchkula
Telephone No: 0172-2563439; 0172-2560339

7. GENERAL TERMS AND CONDITIONS

1. The Principal Institution assumes financial and other administrative responsibilities of the project.
2. In case of multi-institutional project, formal agreement from the collaborating institutions/ scientists should support the proposal.
3. International travel is not permissible under the project.
4. The manpower recruited for the project should be paid as per the rules of the Institute and guidelines of the Government of India.
5. The proposals are considered for approval/rejection by Experts in HSCST. The group may seek

expert opinion, wherever required.

6. It is the policy of DST to maximise the use of an equipment. In this light, Investigator shall permit the use of spare or idle capacities of equipment procured under the project by bonafide users (research workers in other DST funded projects or other projects of the institute)

8. DOCUMENTS/ENCLOSURES REQUIRED WITH THE PROPOSAL:

(a) Endorsement from the Head of the Institutions (on letter head)

(b) Certificate from Investigator(s)

(c) Details of the proposals (6 copies)

(d) Name and address of experts/Institutions who may be interested in the subject/outcome of the project (circulation list).

(e) Registration Certificate, Memorandum of Association and Rules and Regulation of the Institution.

(f) Balance sheet, Audited Statement of accounts and the annual report (pertaining to the last two financial years).

9. INSTRUCTION FOR FILLING UP THE PROFORMA

1. Please use papers of A-4 size (21 cms x 29 cms).

2. Please type as per the layout given in the format on both sides.

3. Please do not skip reproduction of any section even if the answer is "nil" or given elsewhere.

4. Project title should be precise and should not exceed normally 20 words within two lines.

5. Expected total duration of the project should normally be 18 months and in no case should exceed 36 months.

6. If project is to be executed by more than one institution /States (which is welcomed) and /or requires regular inputs from other scientists, names of collaborating institutions/scientists/ State S&T Councils may be listed.

7. Use telegraphic language to the maximum extent possible for objectives, work plan, methodology, expected outcome etc.

FORMAT FOR SUBMISSION OF PROPOSALS UNDER “COLLABORATIVE SCIENCE & TECHNOLOGY PROGRAMME-2011”

(TO BE FILLED BY APPLICANT)

A. IDENTIFICATION

1. Project title

.....
.....

Key Words

2. State :.....

3. Broad Area

(i) S&T Studies/Surveys. (St)

(ii) Location Specific Research & Technology Development. (LSR)

(iii)S&T Demonstration Projects. (DP)

(iv)Joint S&T Programmes on specific theme.(please specify) (JP)

4. Duration: (number of months)

5. Total Cost:

6. Principal Investigator :

6.1 Name :

6.2 Department:

6.3 Designation:

6.4 Organisation/Institution Name:

6.5 Address (Including Telephone (official & residence), E-mail, Fax) Pin :

6.6 Date of Birth :

6.7 Sex (M/F):

7. Co-Investigator :

7.1 Name :

7.2 Designation:

7.3 Department:

7.4 Organisation/Inst. Name:

7.5 Address : (Including Telephone (official & residence), E-mail, Fax) Pin :

7.6 Date of Birth:

7.7 Sex (M/F):

8. Nodal Coordinator from State S&T Council/Department (Please leave it blank as. To be filled when HSCST will forward the project to DST GOI):

8.1 Name :

8.2 Designation:

8.3 Division :

8.4 State S&T Department/Council :

8.5 Address:

8.6 Date of Birth:

8.7 Sex (M/F) :

9. Capability of the Organisation:

(a) Expertise available

(b) List of on-going and completed projects giving the following details.

Project Title	Start date	Completion date	Project cost	Sponsoring organisation

B.

TECHNICAL DETAILS

1. Background

- 1.1 Description of problem
- 1.2 Review of work already done
- 1.3 Rationale for taking up the project
- 1.4 Relevance to State priorities
- 1.5 Financial resources committed at State level

2. Challenge & Constraints

Please identify strengths and weaknesses of the implementers vis-à-vis current project in terms of technical expertise, team building, past record etc. Also list the perceived opportunities and threats and describe how PI/Organisation proposes to capitalise on them or avert them.

3. Description of Proposal

- 3.1 Objectives of the project. (Brief and to the point)
- 3.2 Preliminary Investigations done by organisation. (if any)
- 3.3 S&T component in the project.
- 3.4 Linkage with S&T Instts./NGO,s/resource persons/ R&D organisation/ Industry for technical backup.
- 3.5 Other organisations working in this area
- 3.6 Methodology detailing stepwise activities and sub-activities.

4. Work Plan

Phase-wise plan of action upto post project activities detailing time schedule Milestones may clearly be indicated . PERT/GANTT chart may be attached .

5. Output of the Project

Attempt may be made to quantify output in measurable parameters.

6. Likely Impact (Please attempt to quantify)

7. Parameters for monitoring effectiveness of project

8. Suggested Post Project Activities

C. BUDGET ESTIMATES : SUMMARY

(In Rupees)

Item	BUDGET	-----		
		1 st Year	2 nd Year	3 rd Year
	Total			

A. Recurring

1. Salaries/ Wages
2. Consumables
3. Travel
4. Other Costs

B. Non-Recurring

Permanent Equipment

Grand Total (A+B)

- Financial Year : April to March.
- Count six months from submission of the proposal to arrive at expected time point for commencement of the project.
- Please provide brief justification for each head of expenditure (100 words for each).

BUDGET FOR SALARIES/WAGES

Designation (number of persons)	(In Rupees) Monthly Emoluments	BUDGET			

		1 st yr. (m.m.)	2 nd yr. (m.m.)	3 rd yr. (m.m.)	Total (m.m.)*
Full time					
i)					
ii)					
Part time					
i)					
ii)					
Total					

- m.m. man months to be given within brackets before the budget amount.

BUDGET FOR CONSUMABLES

Items	(In Rupees)			
	BUDGET			
	1 st Year	2 nd Year	3 rd Year	Total
Total				

BUDGET FOR TRAVEL

Items	(In Rupees)			
	BUDGET			
	1 st yr.	2 nd yr.	3 rd yr.	Total
Travel 1. Local *				
2. Out Station *				
Total				

* Please specify.

BUDGET FOR OTHER COSTS

Items	(In Rupees)			
	BUDGET			
	1 st yr.	2 nd yr.	3 rd yr.	Total
a. Contingencies				
b. Others				
Total				

BUDGET FOR PERMANENT EQUIPMENT

(In Rupees)		
Sl. No.	Name of equipment *	Estimated cost
1.		
2.		
Total		

- Please give justification for each equipment.

D. PROFORMA FOR BIODATA OF INVESTIGATORS

A. Name:

B. Date of Birth:

C. Institution:

D. Whether belongs to SC/ST:

E. Academic career:
Professional career:

F. Award/prize/ certificate etc won by the investigator:

G. Publication (Numbers only):

Books	Research Paper, report	General articles
Patents	Others (please specify)	

H. List of completed and on going projects

Sl. No.	Title of project	Duration	Total cost	Funding Agency
		-----	From To	

I. Projects submitted

Sl. No.	Title of project	Name of Organisation	Status
---------	------------------	----------------------	--------

(Name & Signature)

Date.....

Place.....

Annexure-I

ENDORSEMENT FROM THE HEAD OF INSTITUTION

(TO BE GIVEN ON LETTER HEAD)

PROJECT TITLE:

1. Certified that the Institute welcomes participation of Dr./Shri/Smt/Km.-----
-----as the Principal Investigator and Dr./Shri/Smt/Km.-----
-----as the Co-Investigator for the project and that in the unforeseen event of discontinuance by the Principal Investigator, the Co-Investigator will assume the responsibility of the fruitful completion of the project (with due intimation to DST (GOI).
2. Certified that the equipment, other basic facilities and such other administrative facilities as per terms and conditions of the grant, will be extended to investigator(s) throughout the duration of the project.
3. Institute assumes to undertake the financial and other management responsibilities of the project.

Name and Signature of Head of Institutions

Date :

Place :

REMARKS

In regard to research proposals emanating from scientific institutions/ laboratories under various scientific departments the Head of the institution is required to provide a justification indicating clearly whether the research proposal falls in line with the normal research activities of the institution or not and if not, the scientific reasons which merit its consideration by Department of Science & Technology.

Annexure - II

CERTIFICATE FROM THE INVESTIGATOR

PROJECT TITLE:

1. I/We agree to abide by the terms and conditions of the DST grant.
2. I/We did not submit this or a similar project proposal elsewhere for financial support.
3. I/We have explored and ensured that equipment and basic facilities will actually be available as and when required for the purpose of the project. I/We shall not required financial support under this project, for procurement of these items.
4. I/We undertake that spare time on permanent equipment will be made available to other users.
5. I/We have enclosed the following materials.

ITEMS

NUMBER OF COPIES

(a) Endorsement from the Head of the Institution (on letter head)

One

(b) Details of the proposals

6

(c) Registration certificate, Memorandum of Association, rules and regulations of the Institution, audited Balance sheet and Annual report of previous two years. (applicable only for NGOs, field groups registered societies)

Name & Signature of Investigator

Date :.....

Place:.....