

**Department of Science & Technology (India)
&
Ministry of Science & Technology (Vietnam)**

**CALL FOR PROPOSALS
INDO-VIETNAMESE PROGRAMME OF COOPERATION
IN SCIENCE & TECHNOLOGY**

DEADLINE : 30th October 2010

General Information and Guidelines for Proposals

With a view to intensifying interaction and the scientific cooperation between Indian and Vietnamese Scientists and Institutions, **Department of Science & Technology (DST)** of India and the Ministry of Science & Technology (MOST) of Vietnam jointly extend support for joint research projects.

ELIGIBILITY / PROJECT PARTICIPANTS AND SUBJECT AREAS:

Faculty, Scientists and Academicians belonging to Universities, Deemed Universities and Research Institutes having permanent positions can apply as Principal Investigator (PI) and can include up to additional two junior researchers / scientists who are associated with the University/ Institute in one or the other capacity. In order to qualify for such funding, investigators are required to have a concrete and sound research proposal on one of the following areas:

- Biotechnology including Bio-informatics
- Material Science.
- Information Technology including High Performance Computation
- Science and Technology Management.
- Ocean Development and Oceanographic Research.
- Meteorology including Climate Research
- Pharmaceuticals & Medical Research
- Non-conventional Energy.

The following types of proposals **shall not be** considered:

- Already existing collaborative projects where travel and living expenses are financed by some other source;
- Purely individual visits / training programme;
- Organisation of Seminars / Workshops or participation in a Conference / Congress.

FUNDING:

Grants will be offered only towards travel and living costs, (normally up to 4 visits from each side spread over project duration of 2 years) within the framework of well-defined and approved research projects. The sending side will bear the travel cost (including overseas medical insurance; visa fees etc) between the place of work of the scientists/ students in their own country and the place of work in the host country. The host side will provide the living expenses (per-diem). It is expected that primary financing for the collaborative research project, including personnel costs, is already available/ will be available to both the sides from other sources. Hence, project-related incidental costs (for example, bench fees, staff or running costs, costs for computer time, materials purchases, documentation, photocopying, printing, internal travel) shall not be covered under this programme, as is the case for costs related to purchase of equipment, infrastructure, workspaces and office machine etc.

The local hospitality terms for visiting scientists in each others' host countries are as follows:

For Indian scientists visiting Vietnam to be paid by MOST, Vietnam: an allowance up to US \$ 8 per person/perday for out of pocket expenses plus free boarding and lodging in a guest house or a hotel with reasonable amenities.

For Vietnamese scientists visiting India to be paid by DST (India) through project Investigator: an allowance of Rs.1000/per person/ per day for out of pocket expenses plus well furnished accommodation. The mutual visits of the scientists must be balanced in number & duration (normally up to 4 visits from each side spread over entire duration of the 2 year project).

The sending side would provide return international airfare up to the city of arrival in the host country. The receiving side will arrange in country travel of the visiting scientists from city of arrival to the place of the visiting institute by appropriate means. The sending side also provide for medical insurance for the visiting scientists.

For senior scientists, the maximum period of each visit shall be 30 days per year of the project and for young scientists each visit will be for a maximum period of 60 days per year of the project. *A participant from either side would be allowed to avail only one visit per year of the project.*

PROJECT DURATION:

Support to the project will be granted for duration of 2 years only. The sanctioned visits (ie max 4 from each side) will have to be completed within the duration of the 2 years. Request for extension of the project shall NOT be considered.

APPLICATION PROCEDURE:

Proposals in the **prescribed format**, duly forwarded by the Head of the Institutions are to be submitted simultaneously by the Indian Project Leader to the Department of Science & Technology DST, New Delhi and by the Vietnamese Project Leader to International Cooperation Department, MOST, Hanoi, Vietnam. **Applications received**

by both the agencies with all necessary documents shall only be considered. Applications will be evaluated independently on both sides by an external peer-review system on the basis of scientific merit, need for co-operation and the composition of project teams. Final decision will be made jointly by DST and MOST.

The Vietnamese project leaders are required to submit the identical project document to: Mr. Pham Hoang Ha, senior officer, International Cooperation Department, Ministry of Science & Technology (MOST), 39 Tran Hung Dao Str, Hanoi, Vietnam., E-mail: phha@most.gov.vn or hoanghamost@yahoo.com; Fax: 0084-4-39439987.

The Indian project leaders are required to send one original copy of the complete application to: **Shri R K Sharma, Scientist-C, International Division (Room No 4 B, Adm. Block) Department of Science and Technology, Technology Bhavan, New Mehrauli Road, New Delhi-110 016.**

Kindly note:

- i) Advance copies of the proposals shall NOT be considered in any case.
- ii) The hard copy of the proposal must be neatly stapled at left hand top corner in a single set (must not be bounded).
- iii) Any loose papers and supplementary information/ documents shall not be considered.
- iv) A softcopy of the proposal (in a single soft file in ms-word or pdf format only) as email attachment be also sent at email: sharma_rk@nic.in
- v) Please do not send the scan copies of the application while sending the softcopy. The signatures are not required in the soft copy and soft copy must be only in a SINGLE soft file. Also please do not send the soft copy in CD/DVD etc.

The last date for submission of applications is 30th October 2010. Applications received after last date will not be entertained.

INSTRUCTIONS / TIPS FOR PROPOSAL PREPARATION

(Please read these instruction carefully before formulating the proposals. Proposals not confining to these instructions are liable for rejection in the initial screening)

The Project description should contain clear statement of work to be done and should include sub-sections on introduction, objective, plan of work, experimental methods, specific activities to be undertaken by the Indian and Vietnamese collaborator(s), significance of expected outcome and its relation to present state of knowledge in the field. The project description should clearly bring out the need for collaboration and expected tangible gains for the two sides. The total project document (except CVs) should not exceed 10 pages.

- (i) The **CV of all Indian and Vietnamese participants (each not more than 2 pages)** of the project must be attached with the project proposal. The following information may be provided in the CV's:
- Title, Name, Date of birth, Marital Status, Whether belong to SC/ST, M.Sc onward academic and professional career including NET qualification and year/details of Ph.D. registration/completion (with years and names of universities/institutes)
 - List of up to 5 publications most closely related to the project proposal
 - Publications, including those accepted for publications
 - Patents, copyrights or software systems developed may be substituted for publications.
- (ii) One copy each of the following documents is also required along with the project proposal:
- In case of proposal involving Recombinant DNA work, a certificate from the Institutional Bio-safety committee.
 - In case of proposal involving research with human subjects, a certificate from the Institutional Ethical Committee.
 - In case of any biological material transfer envisaged clearances from appropriate agencies of government.
 - In case of proposal involving IPR related issues, a copy of the agreement signed between the two PI's for sharing the IPR.
 - In case of proposals from CSIR/ICMR/ICAR labs or proposals relating to Atomic/Nuclear research or other related sensitive areas, security sensitivity clearance from respective Secretary/DG of the concerned Administrative Department.

APPLICATION FORMAT

PART -I

1. Title of the project:
2. (Subject Area, as specified in the announcement)
3. Contact details / Address of the project leaders:

| | Indian project leader | Vietnamese Project leader |
|--|------------------------------|----------------------------------|
| Name & Designation | | |
| Department & Institute/ University (address) | | |
| Telephone (Work) | | |
| Telephone (Residence) | | |
| Fax No. | | |
| Email ID | | |

PART-II

1. Scientific objectives and individual components of the joint project: (max. ½ page)
2. Current state of the research/ technology (max. 2 pages)
3. Preliminary activities by the Indian side (max. 1 page)
4. Preliminary activities by the Vietnamese side (max. 1 page)
5. Detailed description of the Indo-Vietnamese co-operation (max ½ page)
(Justification/ Rationale for collaboration)
6. Compatibility of intensions of both sides with regard to individual components of the project, working method of equipment (max. 1 page)
7. List of the five most important publications of the project participants, which have a bearing on the project (please do not send copies of the publications themselves or lists detailing all publications of the group)

PART-III (For Indian partners only)

1. List of on-going research projects with the Indian project participants:

| Title of the project | Brief description | Duration with dates of commencement and completion of the project | Funding available and source of funds |
|----------------------|-------------------|---|---------------------------------------|
| | | | |
| | | | |
| | | | |

2. Infrastructure available/required to implement the project:

| Facilities | List of items required for the project | If not available presently, how it is proposed to be procured/recruited. Please indicate the source of funding |
|-------------------------------|--|--|
| Equipment | | |
| Manpower | | |
| Consumables and Contingencies | | |

3. Certified that the following Indian scientists (including Ph.D. students, SRF/JRF, Post-Docs etc) are presently affiliated with the University/Institute and will be the official project participants for the entire duration of the project:

| S. No. | Name of the project participant | Position held | From | To |
|--------|---------------------------------|---------------|------|----|
| 1. | | | | |
| 2. | | | | |
| 3. | | | | |

3. Does the project involve (i) Biological Material Transfer / Use of GMOs / Radioactive materials; (ii) Human / animal trials ? Please submit necessary clearance of nodal agency / department of Govt in this regard.

4. Please mention Name/Address/Contact details including email address/ area of specialisation of 3 possible peer-reviewers of the project proposal.

(The proposal be forwarded by the respective Institutions / Universities as per the format below)

INSTITUTIONS ENDORSEMENT

Certified that –

- i) The project participants involved in the project are affiliated to the Institute/ University.
- ii) All information provided in the project proposal is correct; and
- iii) the infrastructural facilities related to the project activity is available in this Institution including equipment, manpower and other facilities and all necessary administrative support will be extended for the project

Signatures Indian PI

Signatures Vietnamese PI

**Signatures Head of Indian Institution:
With Seal**

**Signatures Head of Vietnamese Institution:
with seal**

**DETAILS OF PROPOSED SCHOLARSHIP
INDIAN PARTICIPANTS**

(Please use a separate form for each year of the project)

FIRST YEAR

| Name of Indian Scientists/student visiting Vietnam | Qualifications (Academic degree) and present Appointment/ Position | Purpose of visit | Dates of proposed visit and duration of stay in Vietnam | Travel cost from Indian Home Institution to Vietnamese Partner Institution including surface/rail travel in India and Vietnam 1n Rs. And in following order: Air Fare including taxes (IATA excursion) Surface travel in India Surface travel in Vietnam | Cost of Overseas Insurance Cover for Indian visitor In Rs. |
|--|--|-----------------------------------|---|--|--|
| Example: Kumar., Amit | PhD: Assistant Prof | Completion of a joint publication | 01.05.2001 30.05.2001/ 30 Days | | |
| 1 | | | | | |
| 2. | | | | | |
| TOTAL | | | | Rs..... | Rs..... |

* Applicants who do not hold a doctor's degree are requested to specify their academic status (Graduate doctoral candidate) and attach bio-data of each of the above Indian participants

**DETAILS OF PROPOSED SCHOLARSHIP
INDIAN PARTICIPANTS**

(Please use a separate form for each year of the project)

SECOND YEAR

| Name of Indian Scientists/student visiting Vietnam | Qualifications (Academic degree) and present Appointment/ Position | Purpose of visit | Dates of proposed visit and duration of stay in Vietnam | Travel cost from Indian Home Institution to Vietnamese Partner Institution including surface/rail travel in India and Vietnam 1n Rs. And in following order: Air Fare including taxes (IATA excursion) Surface travel in India Surface travel in Vietnam | Cost of Overseas Insurance Cover for Indian visitor In Rs. |
|--|--|-----------------------------------|---|--|--|
| Example: Kumar. Amit | PhD: Assistant Prof | Completion of a joint publication | 01.05.2001 30.05.2001/ 30 Days | | |
| 1 | | | | | |
| 2. | | | | | |
| TOTAL | | | | Rs..... | Rs..... |

* Applicants who do not hold a doctor's degree are requested to specify their academic status (Graduate, doctoral candidate) and attach bio-data of each of the above Indian participants

DETAILS OF PROPOSED SCHOLARSHIP**Vietnamese PARTICIPANTS**

(Please use a separate form for each year of the project)

FIRST YEAR

| Name, First Name* of Vietnamese Participant visiting India | Qualifications (Academic degree) and present Appointment/ Position | Purpose of visit | Dates of proposed visit and duration of stay in Indian Institute | Proposed rate/ Charges for Institutional / Guest House accommodation in India | Expenses on account of per-diem @ Rs 1000/- per day |
|--|--|-----------------------------------|--|---|---|
| Example: Muller, Peter | Doctoral candidate | Completion of a joint publication | 01.05.2001 10.05.2001/ 10 Days | 1n Rs. | In Rs. |
| 1 | | | | | |
| 2. | | | | | |
| 3. | | | | | |
| TOTAL (For Per diem and lodging for German participants) | | | | Rs..... | Rs..... |

* Applicants who do not hold a doctor's degree are requested to specify their academic status (Graduate, doctoral candidate) and attach bio-data of each of the above German participants

DETAILS OF PROPOSED SCHOLARSHIP**Vietnamese PARTICIPANTS**

(Please use a separate form for each year of the project)

SECOND YEAR

| Name, First Name* of German Participant visiting India | Qualifications (Academic degree and present appointment / Position) | Purpose of visit | Dates of proposed visit and duration of stay in Indian Institute | Proposed Charges for Institutional/ Guest House accommodation in India | Expenses on account of per-diem @ Rs 1000/- per day |
|--|---|-----------------------------------|--|--|---|
| Example: Muller, Peter | Doctoral candidate | Completion of a joint publication | 01.05.2001 10.05.2001/ 10 Days | 1n Rs. | In Rs. |
| 1 | | | | | |
| 2. | | | | | |
| 3. | | | | | |
| TOTAL (For Per diem and lodging for German participants) | | | | Rs..... | Rs..... |

* Applicants who do not hold a doctor's degree are requested to specify their academic status (Graduate, doctoral candidate) and attach bio-data of each of the above German participants.

PROJECT SUMMARY

(NOTE- This project summary should not exceed more than one page in any case)

1. Programme/Scheme applied for -
2. Project Title -
3. Project Participants -

| Indian side | Vietnamese side |
|-------------|-----------------|
| | |

4. Broad objectives of the Project-

5. Methodology to be adopted-

6. Likely out-puts of the project-

7. Are any IPR/Security-sensitivity/GMO/ transfer of biological material aspects involved in the project proposal-

8. Justification/ need for foreign collaboration-

9. Break-up of financial support asked for –

(Signature of the Indian PI)