



**Central Drug Research Institute, (CDRI), Lucknow**  
**(Council of Scientific & Industrial Research)**



**MoES Project : 'Drugs from the Sea'**  
**(Sponsored by Ministry of Earth Sciences, New Delhi)**

**Advertisement for Project proposals from Researchers in Universities and**  
**Research Institutes**

In order to harness the bioactive principles from the vast marine biota occurring in Indian waters for human therapeutic purposes, the Ministry of Earth Sciences, Government of India, has been implementing a multidisciplinary and multi-institutional Research and Development programme on “Development of potential drugs from ocean (Short title: Drugs from the Sea)” since, 1991. At present there are 14 different reputed R&D labs including Universities that are actively participating in this program under the coordination of Central Drug Research Institute (CDRI), Lucknow. With a view to strengthen the scope of the programme and draw more fresh talent, in quest for prospecting bio-medically useful substances from the seas around India and enhancing their efficacies, a call for new research proposals towards developing novel anti-cancer, anti-fungal, anti-microbial and anti-inflammatory drugs – is being made under the broad categories listed below.

1. Search for bio-actives (small molecules, peptides & proteins) from marine flora & fauna including bacterial resources.
2. Synthetic chemical libraries based on the existing marine natural product leads and chemical transformations of abundant marine natural products to develop NCEs for the above disease areas.
3. Any other activity with the same general objectives.

Researchers in Universities and research institutes in the country are invited to submit detailed project proposals in the prescribed format of MoES. These shall undergo peer-review followed by detailed evaluation and presentation before the Steering Committee. Adequate details should be provided in the proposal to facilitate rigorous evaluation. Selected projects on synthetic chemical libraries will be expected to provide typically 20 or more well characterized synthetic compounds (minimum quantity of 20 mg each of more than 95% purity) per year, based on marine natural product leads, in any of the disease areas mentioned above. The synthetic schemes must be robust for scaling up at later stages. These projects shall be considered for funding by the Ministry of Earth Sciences (MoES) for consumables, justifiable equipment and limited manpower costs for a three year period with yearly performance based renewal. The proforma of proposal can be downloaded from CDRI web site (<http://www.cdriindia.org/uploaded/advertisement-25.01.2011.pdf>) or Ministry of Earth Sciences web site ([www.moes.gov.in](http://www.moes.gov.in)). For any query the proponents may write to the Director, CDRI, Lucknow ([drugs\\_sea@cdri.res.in](mailto:drugs_sea@cdri.res.in)).

A soft copy of the proposal is to be emailed to the Director, CDRI, Lucknow ([drugs\\_sea@cdri.res.in](mailto:drugs_sea@cdri.res.in)) and five hard copies by mail to Director, CDRI, Chattar Manzil Palace, Lucknow 226001, UP. Last date for submission of project proposal in response to this advertisement is one month from the date of publication.

**PROJECT PROPOSAL SEEKING FINANCIAL ASSISTANCE  
FOR CONSIDERATION UNDER  
DEVELOPMENT OF POTENTIAL DRUGS FROM OCEAN (DRUGS FROM SEA) PROGRAMME**

**PROJECT TITLE**

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**SUBMITTED BY**

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*(Name of Principal Investigator)*

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*(Name and Address of the Organization)*

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*(Date of Submission)*

**SUBMITTED TO**

**MINISTRY OF EARTH SCIENCES (MoES)  
GOVERNMENT OF INDIA  
BLOCK-12, CGO COMPLEX, LODI ROAD, NEW DELHI - 110003**

**FORMAT FOR SUBMISSION OF PROPOSAL  
FOR SUPPORT  
UNDER  
DEVELOPMENT OF POTENTIAL DRUGS FROM OCEAN (DRUGS FROM SEA) PROGRAMME**

**CONTENTS**

<b>S.No.</b>	<b>ITEMS</b>	<b>Page No.</b>
1	Cover Sheet	
2	Project Summary	
3	Core Proposal	
4	Bio-Data of the Principal Investigator/ Co-Principal Investigator	
5	Budget Estimates	
6	Undertaking from the Principal Investigator	
7	Endorsement from Head Of the Organization	

## 1. COVER SHEET

For office use

File No:

Date of Receipt:

1.1. Project Title:

1.2. Principal Investigator (PI):

Name:

Designation:

Address:

Telephone No & E-mail:

Date of birth:

1.3. Co-Principal Investigator (Co-PI)

Name:

Designation:

Address:

Telephone No & E-mail:

Date of birth:

1.4. Duration of the Project

1.5. Budget for the Project

*(Rupees in lakh)*

S.No	ITEM	Cost
<b>Total</b>		

**1.6. Project Objectives** (*In bullet form*)

**1.7. Deliverables** (*In bullet form*)

**1.8. List of Equipment with Cost**

## **2. PROJECT SUMMARY**

- 2.1. Project Title:**
- 2.2. Principal Investigator:** (Name, Designation and Affiliation)
- 2.3. Duration:**
- 2.4. Total Budget:**
- 2.5. Objectives** (In bullet form):
- 2.6. Outcome/ Deliverables and their Expected Impact** (In bullet form):
- 2.7. Brief Technical Details** (*300 words*), **giving Justifications for the Project, the underlying Scientific Basis and the Methodology:**

### 3. CORE PROPOSAL

#### 3.1. Title of the Project

#### 3.2. Duration

#### 3.3. Names of participating Organizations

#### 3.4. Objectives of the Proposal (*precise and preferably quantified; use Bullet Form*)

3.4.1 Overall Development Objectives

3.4.2 Intermediate Objectives (*corresponding to each milestone*)

#### 3.5. Critical Review of R&D Scenario (*include references*) **identifying Gaps**

3.6.1 National Status Review

3.6.2 International Status Review

#### 3.6. Origin and Justification of the Proposal

*(Please justify based on the identified Qualifiers' criteria)*

#### 3.7. Summary Outline of the Project (*with Schematics, wherever possible; Define the Problem and give technical details*)

#### 3.8. Expected Outcome in Physical Terms

- a. New/ Up-graded Product
- b. New/ Up-scaled Process
- c. Any other

#### 3.9. Targeted Specifications of the Expected Outcome

#### 3.10. Deliverables of the Project (*precise and in bullet form*)

#### 3.11. Methodology

*(Please highlight how success in the project execution will be ensured)*

#### 3.12. Milestones with Dates, Work Elements for each and the Organization responsible for each Work Element

S. No.	Milestone	Target Date	Work Elements	Responsible Organization
			1. 2.	
			1. 2.	

**3.13. Work Plan**

*(Provide a bar chart giving project activities and milestones. Highlight milestones)*

**3.14. Names of 5-6 Area Experts**

*(Please give complete postal address, telephone numbers and e-mail addresses)*

**3.15. Any other Information relevant to the Project Proposal and its Execution**

**4. BIO-DATA OF THE PRINCIPAL INVESTIGATOR/  
CO- PRINCIPAL INVESTIGATOR**

**4.1. Name:**

**4.2. Gender:**                      **Male**                                       **Female**

**4.3. Date of Birth:**

**4.4. Designation & Affiliation**

**4.5. Postal Address**

**4.6. Phone Numbers:**

**4.7. E-mail ID:**

**4.8. Qualifications** (*starting from University Level*)

<b>S.No.</b>	<b>Degree</b>	<b>Institution</b>	<b>Year</b>

**4.9. Employment Experience**

<b>S.No.</b>	<b>Position and Organization</b>	<b>Nature of Job</b>	<b>Period</b>

**4.10. List of Publications** (*for the last 5 years only*)

10.1 Journal Publications

10.2 Conference Presentations

**4.11. Patents filed/granted with details**

**4.12. Books published /Chapters contributed**

**4.13. Sponsored Research Projects**

<b>S. No</b>	<b>Title</b>	<b>Sponsoring Agency</b>	<b>Period</b>	<b>Amount</b> <i>(Rupees in lakh)</i>	<b>Achievements</b>

**4.14. Consultancy Projects**

<b>S. No</b>	<b>Title</b>	<b>Sponsoring Agency</b>	<b>Period</b>	<b>Amount</b> <i>(Rupees in lakh)</i>

**4.15. Sponsored Research/Consultancy Projects submitted for approval.**

<b>S. No</b>	<b>Title</b>	<b>Agency to whom submitted</b>	<b>Duration</b>	<b>Date of Submission</b>	<b>Amount</b> <i>(Rupees in lakh)</i>

## 5. BUDGET ESTIMATES

### 5.1. Break-up of the Total Budget

*(Rupees in lakh)*

S.No	Item (Pl. add more rows if needed)	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total
1.	Manpower				
2.	Consumables				
3.	Contingency				
4.	Other Costs ( <i>Outsourcing, Fabrication, Testing, Patents, etc.</i> )				
5.	Travel				
6	Permanent Equipment				
7	Overhead Charges				
	Total				

Grand Total:

**5.2 Item-wise Budget (Please provide justification:)**

**5.2.1 Manpower Budget for Salaries**

Designation	Qualification	Salary per month	Number of Persons	Amount (Rupees in lakh)	Justification

**5.2.2. Budget for Consumable Materials**

*(Rupees in lakh)*

1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total	Justification including the basis of cost estimates/quotations

**5.2.3. Budget for Contingencies**

*(Rupees in lakhs)*

1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total	Justification including the basis of cost estimates

#### 5.2.4. Budget for Other Costs

(Rupees in lakh)

Item	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total	Justification including the basis of cost estimates/ quotations
Outsourcing					
Fabrication					
Testing					
Patenting					
Others					

#### 5.2.5. Budget for Domestic Travel

(Rupees in lakh)

1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total	Justification indicating journeys, mode and class of transport

\* Note: No foreign travel is permitted under MoES's grants. Class and mode of transportation should be as per the entitlement of the concerned staff in the Organization. Travel component of visits of the Project Review Committee would be added by MoES separately in the Project cost)

#### 5.2.6. Equipment\* - Budget for Permanent Equipment

Description of Equipment	Foreign/Indigenous	Unit Landed Cost (CIF+Custom Duty+ others )	Number of Items	Total (Rupees in lakh)	Justification in relation to Project requirement

\* **Note:** A List of equipment and facilities available to the investigators and **relevant to the project** to be provided separately.

## 6. UNDERTAKING FROM THE PRINCIPAL INVESTIGATOR

### Project Title:

1. I have carefully read the terms and conditions of the Technology Systems Development Programme and I agree to abide by them.
2. I have not submitted this or a similar Project Proposal elsewhere for financial support.
3. I shall ensure that no item/equipment shown available in the Project Proposal from my Organization, shall be purchased under the Project.
4. I undertake that idle capacity of the permanent equipment procured under the Project will be made available to other users.
5. I have enclosed the following :
  - a. Endorsement from the Head of the Organization (*on letter head*)
  - b. Project Proposal complete in all respect (*5 hard copies and a soft copy*)

Signature of Principal Investigator:  
Office Seal/Rubber Stamp

Name:

Signature:

Date:

Place:

## 7. ENDORSEMENT FROM HEAD OF ORGANISATION

*(On the official letter-head)*

### **Project Title**

1. Affirmed that the Organization welcomes the participation of Dr./Mr./Ms. ....as the PI and Dr./Mr./Ms.....as the Co-PI for the Project and that in the unforeseen and legitimate event of discontinuation by the PI, the Co-PI will assume full responsibility for completion of the Project. Information to this effect, endorsed by me, will be promptly sent to MoES
2. Affirmed that the equipment and basic as well as other administrative facilities as per the terms and conditions of the award of the Project, will be made available to the Investigator(s) throughout the duration of the Project
3. The Organization shall ensure that the financial and purchase procedures are followed as per the prevailing norms of the Organization, within the allocated budget.
4. The Organization shall provide timely the Statement of Expenditure and the Utilisation Certificate of the Funds under the Grant as required by MoES in the prescribed format.

**(Signature of Head of Organization)**  
**Seal/Stamp**

**Date**  
**Place**

**DEVELOPMENT OF POTENTIAL DRUGS FROM OCEAN (DRUGS FROM SEA)  
PROGRAMME  
GUIDELINES FOR SUBMISSION OF RESEARCH PROPOSAL**

These guidelines provide assistance for the preparation and submission of Project Proposals for support under “Development of potential drugs from ocean (Drugs from sea)” programme of the Ministry of Earth Sciences (MoES)

## **I Introduction**

Development of potential drugs from ocean (Drugs from sea)” programme supports activities aimed at bio-prospecting, drug discovery and developing novel anti-cancer, anti-fungal, anti-microbial and anti-inflammatory drugs from marine organisms occurring in Indian waters. Under the programme, feasibility of fresh ideas/ concepts is assessed for their potential conversion into useful technology/product. Applications of R&D for socio-economic benefits is consciously promoted under this programme.

## **II Objectives**

The primary objective of the Programme is to facilitate and support development of products including techniques/technology aimed at specific end use. The Programme stresses on clearly identifying the needs for development of the technology so that the developmental effort could be useful to the target beneficiary. It envisages active user involvement and association in the development effort. The intention is that the products/technologies developed under the Programme become useful for the benefit of the people at large. The specific objectives of the Programme are to

- develop and integrate technologies following a holistic approach in identified areas towards bio-prospecting, drug discovery and drug development;
- promote application of modern/advanced technologies to socio-economic problem solving;
- promote modernization of traditional technologies, tools and skills;
- facilitate enhancing quality and performance of the traditional/non-traditional items;
- encourage developments in application of R&D activities; and
- promote activities aimed at improving technology, technique, material, methods and other appropriate activities conducive for development of technology status in identified areas.

## **III Technology Qualifiers’ Criteria**

The proposal to qualify consideration under the “Drugs from sea” programme should meet one or more of the following criteria. The technology should be

- based on established R&D outcome/ results
- conforming to national/ international specifications
- potentially useful, demand driven and required by other agencies and users
- a development of technology for multiple applications
- an adaptation of existing technology for its applications other than originally intended
- meeting a critical national need (present/ future) and strengthening technological capabilities for the same
- an application of advanced science and technology with a promise of giving competitive solutions

#### **IV Spectrum of Activities Qualified for Support**

Under the programme, primarily those Projects/ Activities are supported for which “proof of concept” has already been established. The Proposals aimed at applied R&D are encouraged. Proposals involving only basic/exploratory research are not considered under this Programme. Specifically, following activities are supported under the Programme:

- Applied Research and Analysis
- Development of Technology and Engineering (T&E)
- Application oriented Research, Design and Development (RD&D) having Production Potential
- Prototype Development of Product/ System/ Services/ Software Development (new/ up-gradation of the existing, field trials and demonstration)
- Process Development (new, up-scaling of the existing, field trials and demonstration)
- Data Generation and Feasibility Study
- Provision for Production Facility on a limited scale for a specific Technology Segment to enable the Technology to become competitive
- Sophisticated Equipment and Technology based Job-Shops for cost-effective Fabrication Techniques
- Scientific Knowledge leading to future Technology Development
- Technological Capability Development

#### **V Who can submit?**

- Project Proposals can be submitted for financial support by scientists/engineers/technologists working in academic institutions / registered societies / R&D institutions / laboratories having adequate infrastructure / facilities to carry out technology development work. The Programme encourages multi-disciplinary Proposals envisaging network / collaboration of various organizations having diverse expertise and facilities for synergistic implementation of the projects. Participation of industry is important.
- Project proposals are also welcome from Industry having DSIR recognized R&D Laboratories either alone or in collaboration with academic / R&D Institutions.

#### **VI Niche Areas**

Some of the typical areas in which Proposals can be submitted are listed below:

- Bio-prospecting, drug discovery and development of novel drugs for anti-cancer, anti-fungal, anti-microbial, anti-inflammatory properties from marine organisms occurring in Indian waters.
- The above list is not exhaustive and Proposals in other areas are equally welcome if the activity is perceived to be useful by MoES for technology advancement in the country and is not being taken up under any other major R&D programme of the Government of India.

#### **VII Forms of MoES Grants**

**For Institutions:** Project staff salaries, equipment, supplies and consumables, contingency expenditure, patent filing charges, outsourcing charges, internal travel, fabrication costs, testing charges, overheads, etc.

**For Industry:** Only cost of consumables upto 50%.

**For Institution/Industry Joint Programmes:** Support to the Industry upto 50% of the cost of consumables.

The IPR will be under the purview of MoES, Institution and Industry. If, however, the Industry returns the amount received as grant from MoES, the IPR, at the discretion of MoES, shall be appropriately assigned to the Institution and the Industry.

### **VIII Mechanism of Evaluation, Implementation and Monitoring**

The Project Proposals are also received directly, which are screened with a view to assess their suitability for consideration under the Programme mandate. After initial scrutiny, both directly received as well as mobilized Proposals are peer reviewed by experts and the Investigators are advised to revise the Proposal, if needed. The Proposals along with the Reviewers' Comments are placed before the Steering Committee (SC) of the respective areas for their recommendation. Principal Investigators are called for presentation before SC, if required. The recommended Proposals are processed for financial concurrence and administrative approval as per MoES procedure.

The Projects are periodically monitored usually at site by the Project Review Committees (PRC) and/ or Group Monitoring Committees (at a common location at various stages of the progress of Projects). Close association between PI and PRC is ensured to achieve the Project Objectives. PI is advised to take necessary action on the recommendations of the Reviewers. Project Completion Reports (PCR) are sent to experts for comments. A presentation is also required to be made by PI on completion of the Project for final assessment and identification of the future course of action on the Project.

### **IX Submission of Proposals**

- (i) The Project Proposals for consideration under the Programme can be submitted anytime throughout the year.
- (ii) The Investigators are required to submit 6 copies of the complete Proposal printed on both sides of A4 size paper, with an electronic copy of the Proposal on a CD in MS Word.
- (iii) The Proposal should be prepared and submitted strictly according to the formats prescribed in this Document.
- (iv) The duration of the Project should preferably be for a maximum period of 3 years. Projects for development of integrated systems requiring development of various sub-assemblies at multiple Organizations may be of longer duration. They should, however, be broken up in different phases in such a way that there are clearly defined deliverables at the end of each phase (of not greater than three years)
- (v) A copy of the Proposal and other required documents must be sent in one lot through proper channel to the Programme Adviser Dr. S.K. Das / Programme Director (Shri P. Madeswaran, Scientist-F), Block- 12, CGO Complex, Lodi Road, New Delhi-110003. Remaining copies of the Proposal must be sent to the Director (Dr. Tushar Kanti Chakraborty), Central Drug Research Institute (CDRI), Council of Scientific and Industrial Research (CSIR), Chattar Manzil Palace, Lucknow -226001.
- (vi) MoES may be contacted if the acknowledgement letter intimating the registration number of the Project is not received within one month from the date of dispatch of the Proposal.
- (vii) It may be ensured that the registration number/ letter number (given by MoES) and title of the Proposal are quoted in all subsequent communications.
- (viii) It is expected that PI will remain in the service of the Organization throughout the duration of the Project.

## **X General Requirements**

- (i) The coordinating Organization implementing the Project is required to take all the financial and administrative responsibilities for the Project.
- (ii) In case of a multi-organizational Project, PI has to obtain formal consent from the collaborating organizations/scientists. Formal MoU/ Agreement may be worked out detailing the obligations and arrangements stated in the Proposal and got approved by MoES subsequent to the sanctioning of the Project, before the funds are released by MoES.
- (iii) International travel is not normally permissible under the Project.
- (iv) The Project personnel recruited for the Project are temporary and they should be paid according to MoES norms.
- (v) It is the policy of MoES that the equipment procured under the Project be optimally utilized. The Principal Investigator shall permit the use of any spare or idle capacity of the equipment to legitimate users from the parent and other Organizations.

**Ministry of Earth Sciences (MoES)**  
**DEVELOPMENT OF POTENTIAL DRUGS FROM OCEAN (DRUGS FROM SEA)**  
**PROGRAMME**

**Terms & Conditions of the Grant**

1. Approval of the Research Proposal and the grant released for it is for the specific Project sanctioned and the released grant should be exclusively spent on the Project within the stipulated period. The Institution may use funds obtained from any other Organization with the concurrence of MoES, for the Project. **Any un-spent balance out of the amount sanctioned must be surrendered to the Government of India through a crossed Cheque/ Demand Draft drawn in favour of Drawing & Disbursing Officer, MoES payable in New Delhi.**
2. For permanent, semi-permanent Assets acquired solely or mainly out of the Project grant, an audited record in the form of a register shall be maintained by the Organization. The term “Assets” include (a) the immovable property acquired out of the grant; and (b) movable property of capital nature where the value exceeds ` . 10,000/-. The Organization is required to send to the MoES a list of Assets acquired from the grant. The grant shall not be utilized for construction of any building unless a specific provision is made for that purpose. Full infrastructural facilities by way of accommodation, water, electricity, communication, etc. for smooth implementation of the Project shall be provided by the Organization.
3. All the Assets acquired from the grant will be the property of the Government of India and should not be disposed off or encumbered or utilized for purposes other than those for which the grant had been sanctioned, without the prior sanction of MoES.
4. At the conclusion/ termination of the Project, the Government of India will be free to sell or otherwise dispose off the Assets which are the property of the Government. The Organization shall render to the Government necessary facilities for arranging the sale of these Assets. The Government of India has the discretion to gift the Assets to the Organization or transfer them to any other Organization if it is considered appropriate.
5. The Organization / PI will furnish Six-Monthly Progress Report (5 copies) of the work on the Project on half-yearly basis. The first half-year period shall be rounded off to the last date of the sixth month. The subsequent periods of six months shall begin from the first day of the following calendar month. In addition, MoES may designate a Scientist/ Specialist or an Expert Panel to visit the Organization periodically to review the progress of the work being carried out and to suggest suitable measures to ensure realization of the objectives of the Project. During the implementation of the Project, the Organization will provide all facilities to the visiting scientist/ specialist or the Expert Panel by way of accommodation, etc. at the time of their visit. On completion of the Project, ten copies of a self contained Project Completion Report as per the MoES format on the work done on the Project should be sent to MoES.
6. At the time of seeking further installment of the grant, the Organization / PI has to furnish the following documents:
  - a) Utilisation Certificate (UC) and Statement of Expenditure (SoE) for the previous financial year (in original or copy if sent earlier);
  - b) An authenticated Statement of Expenditure (SE) including committed Expenditure for the Project until the previous month.

7. Request for specific approval of MoES to **carry forward** the unspent grant to the next financial year for utilization for the same Project, should be sent along with UC and SE, after completion of the financial year.

8. **The Comptroller & Auditor General of India, at his discretion, shall have the right of access to the books and accounts of the Organization maintained in respect of the grant received from the Government of India.**

9. The Organization will maintain separate audited accounts for the Project. If it is found expedient to keep a part or whole of the grant in a bank account earning interest, the interest thus earned should be reported to MoES and should be reflected in the Statement of Expenditure. The interest thus earned will be treated as a credit to the Organization to be adjusted towards further installment of the grant.

10. The Organization will neither entrust the implementation of the work (except the outsourced part as approved) for which the grant has been sanctioned to any other Organization nor will it divert the grant receipts to any other Organization as assistance. In case the Organization is not in a position to implement or complete the Project, it should, forthwith, refund to MoES the entire grant received by it or the balance grant remaining with it.

11. All the personnel including Research personnel appointed under the Project, for the full/ part duration of the Project, are to be treated as temporary employees and will be governed by the administrative rules/ service conditions (for leave, TA/DA, etc.) of the implementing Organization. They are not to be treated as employees of the Government of India and MoES will have no liability, whatsoever, for the project staff after the completion of the Project duration.

12. For expeditious implementation of the research Project, PI will take the assistance of the Organization in the process of selection and appointment of staff and payment to them. Pay Scale and emoluments for the posts not covered under MoES's OM are governed by the norms prevalent in the implementing Organization or as agreed upon in consultation with MoES.

13. **MoES reserves the right to terminate the Project at any stage if it is convinced that the grant has not been properly utilized or satisfactory progress is not being made.**

14. **The Project becomes operative with effect from the date on which the Draft/ Cheque is received by the implementing Organization. This date should be immediately intimated by the Organization authorities/ Principal Investigator to MoES.**

15. If PI to whom a grant for a Project has been sanctioned wishes to leave the Organization where the Project is based, PI/ Organization will inform MoES of the same and in consultation with MoES, take steps to ensure successful completion of the Project, before PI is relieved.

16. Investigators wishing to publish technical/ scientific papers based on the research work done under the Project should acknowledge the support received from MoES, indicating the Programme. Investigators are expected to publish a few of their research papers emerging out of the Project in leading Indian Journals.

17. If the results of research are to be legally protected, the results should not be published without securing legal protection for the research results. For Projects identified to have a distinct potential for generating know-how, in the form of product/ process, that could be protected through patenting, copyrights etc., PI should carefully follow the "**Guidelines/ Instructions for Technology Transfer and Intellectual Property Rights**" provided in the **Guidelines for Implementing Research Projects** booklet being issued by MoES.

Appendix `B`  
UTILISATION CERTIFICATE

(Rs. in lakh)

1. Title of the Project/Scheme :
2. Name of the Organization :
3. (a) Principal Investigator  
(b) Co- Principal Investigator :
4. Ministry of Earth Sciences letter No. and date of sanction of the Project/Scheme :
5. Amount brought forward from the previous financial year quoting MoES's letter No. & date of sanction order showing the amount paid :
6. Amount received from MoES during the financial year (Please give No. & date of sanction orders showing the amount paid) :
7. Other receipts/interest earned, if any on the MoES grants :  
Total amount that was available for expenditure incurred during the financial year (S.NO. 5,6 and 7) :
8. Actual expenditure (excluding commitments) incurring during the financial year (Statement of expenditure is enclosed) :
9. Unspent balance refunded, if any (Please give details of Cheque No. etc.):
10. Balance amount available at the end of the financial year :
11. Amount allowed to be carried forward to the next financial year vide letter No. & date:

Certified that the amount of Rs. ----- mentioned against col. 9 has been utilized on the project/scheme for the purpose for which it was sanctioned and that the balance of Rs. ----- remaining unutilized at the end of the year has been surrendered to Govt. (vide No. -----) /will be adjusted toward the grants in aid payable during next year.

Certified that I have satisfied myself that the condition on which the grants in aid was sanctioned have been duly fulfilled /are being fulfilled and that I have exercised the following checks to see that money was actually utilized for the purpose for which it was sanctioned.

Kinds of checked exercised:

- 1
- 2
- 3
- 4
- 5

**Date:**

Signature of  
Principal  
Investigator  
(with seal)

Signature of Co-  
Principal  
Investigator (with seal)

Signature of  
Finance Officer  
(with seal)

Signature of  
Head of the Institute  
(with seal)

**(To be counter signed by MoES officer-in charge)**

**Appendix `A`**

**Assets acquired wholly or substantially out of Government Grants Register to be maintained by Grantee Institution**

Name of the Sanctioning Authority

1. S.No.
2. Name, Designation and address of the of the Principal Investigator:
3. No. & Date of Sanction order
4. Amount of the sanctioned grant
5. Brief purpose of the Grant
6. Whether any condition regarding right of ownership of Govt. in the property or other assets acquired out of the grant was incorporated in the grant-in-aid sanction order
7. Particulars of assets actually created/acquired
8. Value for the Assets as on -----
9. Purpose for which utilized at present
10. Encumbered or not
11. Reasons, if encumbered
12. Disposed of or not
13. Reasons and authority, if any for disposal
14. Amount realized on disposal
15. Remarks

Signature of  
Principal Investigator

Signature of  
Co-Investigator

Signature of  
Finance Officer

Signature of Head of the Institute with seal

Appendix - `C`

Statement of expenditure referred to in para 9 of the Utilisation Certificate

Showing grants received from the Ministry of Earth Sciences and the Expenditure incurred during the period from 1<sup>st</sup> April to 31<sup>st</sup> March

Item	Unspent balance carried forward from previous year	Grants received from MoES during the year	Other receipts interest earned, if any, on the MoES grants	Total of col. (2+3+4)	Expenditure (excluding commitments) incurred during the year	Balance (5-6)	Remarks
1	2	3	4	5	6	7	8

1. Non Recurring
2. Recurring
  - i) Manpower
  - ii) Consumables
  - iii) Travel
  - iv) Contingency
  - v) Overheads (if applicable)

Total

(PRINCIPAL  
INVESTIGATOR)

(CO-PRINCIPAL  
INVESTIGATOR)

(FINANCE OFFICER)

(HEAD OF THE INSTITUTE)