

GOVERNMENT OF ODISHA
SCIENCE AND TECHNOLOGY DEPARTMENT

Dy. No. 452/S1
15/2/17

Letter No. ⁶⁸⁹ /ST, Bhubaneswar dated the 10.02.17
ST-(Bio)-05/2017

From

Er L N Padhi
Jr Scientist & Dy. Director (BT)

To All Principal Secretaries to Government/
All Commissioner-cum-Secretaries to Government/
All Secretaries to Government/
All Special Secretaries to Government.
(Except Parliamentary Affairs Department)

Sub: Operational Guidelines on Biotechnology Policy Resolution 2016

Madam/Sir,

In inviting a reference to the subject cited above, I am directed to enclose herewith the following operational guidelines on Biotechnology Policy Resolution 2016 for favour of kind information and necessary action.

1. Guidelines for providing financial support to set up or upgrade Biotechnology Incubators
2. Guidelines for Social and Rural Development Project Support

The above two operational guidelines have been concurred in by Finance Department vide their UOR No-18-ES-III dated 06/02/2017.

Yours faithfully,

Jr Scientist & Dy. Director (BT)

Memo No. ⁶⁹⁰ /ST Dt: 10.02.17

Copy along with copies of the guidelines forwarded to Head, IT Portal, Secretariat, Govt. Of Odisha with a request to kindly upload the same in the website of Science & Technology Department for information of Public.

Jr Scientist & Dy. Director (BT)

Memo No. ⁶⁹¹ /Dt: 10.02.17

Copy along with copies of the enclosures forwarded to Private Secretaries to Hon'ble Chief Ministers, Odisha/ Hon'ble Ministers Science & Technology, Odisha for favour of kind information of Hon'ble Chief Minister, Odisha/ Hon'ble Minister, Science & Technology.

Jr Scientist & Dy. Director (BT)

(Contd..)

Memo No. 692^{CB} / Dt: 10.02.17

Copy along with copies of the enclosures forwarded to Private Secretary to Chief Secretary/ Private Secretary to Development Commissioner-cum-Additional Chief Secretary/ Private Secretary to Agriculture Production Commissioner / Private Secretary to KBK Administrator for favour of kind information of the Chief Secretary/ Development Commissioner-cum-Additional Chief Secretary/ Agriculture Production Commissioner / KBK Administrator respectively.

[Signature]
Jr Scientist & Dy. Director (BT)

Memo No. 693^{CB} / Dt: 10.02.17

Copy along with copies of the enclosures forwarded to Principal Resident Commissioner, Govt of Odisha, Odisha Niwas, New Delhi-110021/ all RDCs/ Principal Accountant General (A&E), Bhubaneswar/ all Collectors /all Heads of Department for favour of kind information and necessary action.

[Signature]
Jr Scientist & Dy. Director (BT)

Memo No. 694^{CB} / Dt: 10.02.17

Copy along with copies of the enclosures forwarded to all Vice Chancellors of Utkal University, Bhubaneswar/ Berhampur University, Berhampur/ Sambalpur University, Burla/ VSSUT, Burla/Fakir Mohan University, Balasore/ North Orissa University, Baripada/ Ravenshaw University, Cuttack/ OUAT, Bhubaneswar/ Central University, Koraput/ Ramadevi Women's University, Bhubaneswar/ GM Cluster University, Sambalpur/ Khallikote University, Berhampur/ Prinicipal, College of Engineering & Technology, Bhubaneswar for kind information and necessary action.

[Signature]
Jr Scientist & Dy. Director (BT)

Memo No. 695^{CB} / Dt: 10.02.17

Copy along with copies of the enclosures forwarded to the Directors, Institute of Life Sciences (ILS), Bhubaneswar/ IIT, Bhubaneswar/ National Institute of Science Education & Research (NISER), Jatani, Bhubaneswar/ Indian Institute of Science Education & Research (IISER), Berhampur /NIT, Rourkela/ NRRI, Bidydharpur, Cuttack/ IIMT(formerly RRL), Bhubaneswar/ Central Tuber Crop Research Institute (CTCRI), Bhubaneswar/ RMRC, Bhubaneswar/ CIFA, Kausalyaganga, Bhubaneswar for kind information and necessary action.

[Signature]
Jr Scientist & Dy. Director (BT)

Memo No. 696 / Dt: 10.02.17

Copy along with copies of the enclosures forwarded to the P.S. to the Commissioner-cum-Secretary to Government, Science & Technology Department for kind information of the Commissioner-cum-Secretary.

[Signature]
Jr Scientist & Dy. Director (BT)

Memo No. 697^{CB} / Dt: 10.02.17

Copy along with copies of the enclosures forwarded to all Agencies / all Sections /all Officers of Science and Technology Department for information and necessary action.

[Signature]
Jr Scientist & Dy. Director (BT)

GUIDELINES FOR PROVIDING FINANCIAL SUPPORT TO SET UP OR UPGRADE BIOTECHNOLOGY INCUBATORS

Background

Biotechnology is gaining importance in India and has now become a priority sector. Many MNCs in bio-pharma, agriculture and allied sector are giving importance to research and development, manufacturing and innovation in products & services. These companies are now strengthening government initiatives by putting up state-of-art infrastructures in Public Private Partnership (PPP) mode to foster economic growth and create large scale employment opportunity in biotechnology sector.

Some of the States, including Odisha, have come up with specific policies for commercialization of biotechnology and life science sector with lot of emphasis on establishment of Biotechnology Parks, Incubators, etc. to facilitate product advancement and innovation through the development of biotechnology industrial cluster and to produce biotechnologists and entrepreneurs who have strong foundation in research and innovation. Both Central and State Governments are making their earnest efforts to support establishment of incubators as well as pilot projects through Public Private Partnership. Government of Odisha in its Biotechnology Policy Resolution 2016 (BPR 2016) has come up with financial support, up to Rupees two crore, for setting up or upgrading of Biotech Incubators (BI) to nurture innovation, support and mentor start-ups in biotechnology. The Government will set up Incubators either on its own or in partnership with Private sector.

2. Objectives

To strengthen the facilities for start-ups for incubation and development of innovative, affordable and commercially viable bio-processes, products and services of high quality which will enable setting up of biotech clusters by bio-entrepreneurs.

3. Eligibility

Multiple entities like Universities/institutes/Industries individually or in partnership, will be eligible for the funding. The institutes individually will only be eligible provided they are able to demonstrate their capability of making Incubation Centre a commercially viable business model.

4. Scope for Biotechnology Incubation Centre (BIC)

The grant is meant for setting up BIC or up-grading existing facilities in a BIC. The tenure of the project will be coterminous with the period of the IPR 2015.

5. Selection Procedure

The Scrutiny of applications will be done by an Internal Sub-Committee (ISC) to be constituted by Science & Technology Department. The request for grants will be in the format enclosed at Annexure-I. The project for which the financial support is sought will be reviewed by Independent External Experts / Professional Agency. All the grants will be sanctioned by the Grant Empowered Committee (GEC) to be constituted by S & T Department.

Applications will be received round the year both in hard and soft copy. The applications will be addressed to the Director, Biotechnology, Science & Technology Department and through E. mail Id: director.bt@gmail.com.

The Internal Sub-Committee will review the completeness of the proposal. Incomplete applications and those which do not meet eligibility criteria will not be considered. Applications that are complete will be evaluated. The applicant may be invited to make a detailed presentation before the Grant Empowered Committee. The decision of the committee on a proposal will be final and communicated to the applicant.

6. Monitoring & Evaluation

The Lead Partner Institute/Individual Institutes will regularly submit progress report as per the time line mutually agreed upon between Science & Technology Department and Grantee through the MoU. The Internal Sub-Committee will coordinate and place the progress report biannually before the Grant Empowered Committee for review and suggestions.

7. Termination of Grant

During periodic review, if performance is found to be unsatisfactory due to lack of poor implementation, suitable corrective measures may be suggested by the department. If the suggested corrective measures are not implemented effectively and the performance of the project does not improve within three months then the funding support will be terminated. In case of misutilisation, misappropriation and wrong reporting the funding support will be terminated with immediate effect. In both the cases, the implementing agency will be asked to refund the funds received by them along with interest, or no further funding will be released to them or both. In all such cases the decision of the S&T department will be final and binding.

8. Submission of Utilization Certificate and Expenditure Statement

The implementing agency will submit the Utilization Certificate (UC) and Audited Expenditure Statement by a CA firm, duly signed by the Head of the organization to the Science & Technology Department at the end of each Financial Year.

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ANNEXURE-I

APPLICATION FORMAT

1. Name, Status & address of the Consortium Partners/ University / Institute
(Central or State and whether recognized by UGC or)
(Please elaborate SWOT analysis of the consortium with respect to the proposal)
2. Type of the proposed grant:
(Components for which support is required)
3. Details of existing departments related to Life Sciences. (in case of University)
 - a. Name of the existing department(s)
 - b. Number and level of faculty and students/researchers
 - c. Areas of research being pursued with details of projects, period in each department
 - d. Details of infrastructure facility available department wise
 - e. How the proposal will benefit the departments
4. Details of support required for the purpose:
 - i. How the present work for which support is required scientifically & commercially significant.
 - ii. How the objectives of the grant be met
 - iii. What will be the procurement process
 - iv. How the proposed requirements is integrated with the existing facilities to maximize its utilization
 - v. Any other justification for the proposed requirements
5. Briefly elaborate how the proposed requirements will add value to the existing facilities in terms of new knowledge, methods, technology, products, services, market or have societal significance.
 - i. How the proposal will benefit the start ups to become entrepreneurs
 - ii. Please elaborate how the upgraded facilities will be put to use effectively and efficiently along with a five year management plan indicating manpower availability, division of responsibility amongst consortium partners and SWOT analysis of the Biotechnology Incubation Centre (BIC).

- 6. Briefly describe your alternative contingent plan with respect to the SWOT analysis of BIC to make it professionally competitive business model.

- 7. Dose the proposed BIC involve human subjects and vertebrate animals

(If yes; then elaborate the ethical & bio-safety measures undertaken or proposed as per the GOI & State guidelines)

- 09. Total Funds Required

- 10. Funding requested from other sources
 - a. Govt. of India

 - b. Others (Specify)

Signature with Seal
All Consortium Partners

Signature with Seal
Head of the Lead Institute

Guidelines for Social and Rural Development Project Support

Objectives

The main objective of the programme is to promote simple and affordable agri-biotechnology and medical biotechnology products and services for the benefit of the society. The programme aims to create platform for self-employment and economic livelihood among the target population and diffusion of proven and field-tested technologies through demonstration, training and extension activities. The broad focused areas are:

- Agriculture and Allied Sector
- Health, Nutrition & Sanitation
- Agri-enterprise Development

Strategy for implementation

The grant will be given for implementation of projects supported in identified areas to government agencies/NGOs/institutions/universities/individuals. The following initiatives will be supported:

1. Activities such as tissue culture, mushroom cultivation, hardening facilities for plant tissue culture, vermi-composting and organic farming etc. will be promoted with the objective of generating employment and to improve the quality of farm produce. Separate financial support will be provided along with assistance from National Bank for Agriculture and Rural Development (NABARD), Small Industries Development Bank of India (SIDBI), etc.
2. Support will be given to farmers cultivating medicinal plants and tissue culture raised plants under contract with medicinal plant extraction units and tissue culture units.
3. NGOs and private institutes will be encouraged to conduct farmers training programmes to educate them on the benefits of Biotechnology.
4. Academic and research institutes, industries both in public and private sector will be given financial support for infrastructure for developing new and innovative affordable health care products and services and food & non-food crops.
5. Any other project if found suitable by the Selection Committee.

The Government may define scale of funding and priority areas for funding depending upon the nature of the project and preferably its societal benefit and employment generation. The applicant may seek gap/additional funding support from any other sources like NABARD, SIDBI etc.

The tenure of the project will be coterminous with the period of IPR, 2015

Selection Committee

The Selection Committee will meet at least twice in a year. The Committee will suggest the priority areas, scale and nature of funding and annual budget. The Committee will have the following members.

- | | |
|--|-------------------|
| 1. Commissioner-cum-Secretary | - Chairman |
| 2. Director, Biotechnology | - Member |
| 3. Representative of Finance Department | - Member |
| 4. Representative of OUAT not below the rank of Associate Professors in BT | - Member |
| 5. Representative of RCMR, Bhubaneswar | - Member |
| 6. Representative of ILS, Bhubaneswar | - Member |
| 7. AFA-cum Under Secretary, S & T Deptt. | - Member |
| 8. Representative from Biotechnology Industry | - Member |
| 9. Dy. Director/Sr Scientist/Junior Scientist | - Member Convener |

Review and Monitoring

The Selection Committee may constitute a sub-committee to regularly review and monitor the progress of the project implementation. Since the funding is basically for creating platform for self-employment generation and economic livelihood among the target population and diffusion of proven and field-tested technologies through demonstration, training and extension activities, the sub-committee while reviewing should interact with all stakeholders of the project also.

During periodic review, if performance is found to be unsatisfactory then, suitable corrective measures may be suggested and a three month period may be granted to the project implementation authority to improve the performance. After expiry of three months if the suggested corrective measures are not implemented and the performance of the project does not improve then, the funding support will be terminated. In case of misutilisation and misappropriation of the funds financial support will be terminated with immediate effect. In both the cases, the implementing agency will be asked to refund the funds received by them along with interest, or no further funding will be released to them or both. In all such cases the decision of the S&T department will be final and binding.

Submission of Utilization Certificate and Expenditure Statement

The implementing agency will submit the Utilization Certificate (UC) and Audited Expenditure Statement by a CA firm, duly signed by the Head of the organization to the Science & Technology Department at the end of each Financial Year.
