

PROPOSAL FORMAT

NRDC –Innovation Facilitation Centre



National Research Development Corporation

(An Enterprise of DSIR, Ministry of Science and Technology, Government of India)

20-22, Zamroodpur Community Centre, Kailash Colony Extension

New Delhi-110048

1. Background of the Assignment

India has a well-developed science and technology infrastructure, but there is insignificant R&D output in terms of innovations, Intellectual Property (IP) oriented technology development and its subsequent transfer to the industry. Although there is immense potential in India for commercialisable research and innovation, it has not been exploited adequately. Presently Industrial R&D expenditure is concentrated only in few areas mainly drugs and pharmaceuticals and chemicals.

In this 'Decade of Innovations' and 'knowledge economy era' there is a requirement of a system for developing Innovation Facilitation Centres that can provide stimulus to IP driven innovative research and entrepreneurship development. There is a need of an industry oriented innovative scientific research and an effective system to safe guard the knowledge generated by Universities, National Institutes of Technology (NIT's), IIT's, Autonomous Institutions & Academic Institutions in India and to make it available to the industry.

2. Description of the Assignment

(Objectives, Purpose and Expected Results)

Objective & Purpose

NRDC with its vast experience in technology transfer and IP management proposes to identify and facilitate the development of Innovation Facilitation Centres in the Universities, National Institutes of Technology (NIT's), IIT's, Autonomous Institutions & Academic Institutions across the country where innovation activities would be promoted and encouraged among the faculty, students and researchers and would facilitate the effective management of Intellectual Property, development of an association with manufacturing enterprises of the country and abroad and subsequently the transfer of the IP to the industry and entrepreneurs.

NRDC in collaboration with Universities, National Institutes of Technology (NIT's), IIT's, Autonomous Institutions & Academic Institutions in India will set up Innovation Facilitation Centres (NRDC-IFC) in their premises. The network of Corporation with the local, regional and global industries and entrepreneurs would facilitate the faculty, students and researchers of the Universities, National Institutes of Technology (NIT's), IIT's, Autonomous Institutions & Academic Institutions in India to market their innovative research work and reap the benefits of commercial success.

Main Objectives

- To promote area specific technologies for the industries by utilizing R&D capabilities of the host institutions in the region
- To provide value addition services in terms of IP management & technology commercialisation for making commercial products from the R&D of institutions of the region
- To act as a potent resource of IP protected technologies to help manufacturing sector of the country in developing new products and services based on the innovative technologies available through the Innovation Facilitation Centres
- To facilitate and create appropriate environment in the Universities, National Institutes of Technology (NIT's), IIT's, Autonomous Institutions & Academic

Institutions in India for the promotion of innovation processes and provide training and support

- To play the role of a facilitator to stimulate entrepreneurial activities within the Universities, National Institutes of Technology (NIT's), IIT's, Autonomous Institutions & Academic Institutions in India through the NRDC-IFC
- To provide Intellectual Property protection and management services and facilitate the technology transfer and commercialisation
- To develop and strengthen the Industry-Academia partnership for development and effective transfer of know-how from the Universities, National Institutes of Technology (NIT's), IIT's, Autonomous Institutions & Academic Institutions in India to the entrepreneurs and industry

Expected Results

The programme would create a vital resource of Intellectual Property and technologies in the Universities, National Institutes of Technology (NIT's), IIT's, Autonomous Institutions & Academic Institutions in India and would facilitate the enhancement of the commercialization of research from the Universities, National Institutes of Technology (NIT's), IIT's, Autonomous Institutions & Academic Institutions and would provide a better environment for innovation and promotion of entrepreneurial spirit among faculty, students and researchers.

3. Work Plan and Time Schedule

Criteria of Selection of Proposal

- The Institution should be a University/Deemed to be University or a National Institutes of Technology (NIT), IIT, Autonomous Institution & Academic Institution in India offering Engineering, Technology, Science & Management courses up to Ph.D level. In case of a private University, it should be promoted by a Trust or a Society registered under relevant Acts besides being recognized/affiliated to AICTE/UGC.
- Qualified and dedicated faculty in various disciplines with a good Research & Development background and R&D related activities.
- Availability of adequate space and infrastructure for locating the NRDC-IFC including availability of utilities like electricity, water, telephone installation and Internet connectivity.
- Number of IP generated during the last five years and technologies commercialised
- Availability of workshops, laboratories and computational facilities.

Guidelines

- The NRDC Innovation Facilitation Centre (NRDC-IFC) shall function as a separate entity within the host Institution. It should function as a Central Facility of the University/Institution.
- The NRDC-IFC shall ensure effective and speedy implementation of the innovation related programmes and activities. It may have effective linkages with different Departments, Centres and other facilities of the institution to spread entrepreneurial technology innovation culture for optimal utilization of the expertise, resources and technology know-how available.
- NRDC shall provide Computer, Hardware Equipment, Furniture & fixtures and will conduct Seminars/Workshop on IP Management and Technology Transfer in the NRDC-IFC Centre for twelve months. NRDC shall reimburse a maximum of

Rs. 50,000/- per month to the selected University/Institution for operation, coordination and logistic charges (Space, Electricity, Coordinator) of NRDC Innovation Facilitation Centre for a period of twelve months.

- The activities of IFC will be monitored and advised by NRDC and Advisory Board/ Management Committee of the IFC.
- The activities of IFC would be reviewed quarterly.
- University or the Institution shall provide the Closed Space/Room of minimum size of 200 Sq. Ft. for IFC and a Conference facility having capacity of at least 30-40 persons.

Process for Submission of Application for Setting up of an IFC

The University/Institution, which fulfils the above criteria, may submit the proposal to the NRDC in the enclosed Proforma **on or before 25th June, 2014 upto 5.30 pm**. The proposal must include a Certificate (as enclosed) to be signed by the Head of the Institution. The proposal received will be scrutinized by NRDC. The decision of NRDC will be final for the selection of NRDC-IFC Centre and no further correspondence shall be entertained for considering the applications/proposals for selection of NRDC-IFC.

The selected / short-listed Institution has to present the details of strategies, road map of implementation, methodologies for NRDC-IFC before NRDC immediately after intimation.

Address for Correspondence:

Chairman and Managing Director

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4. Expertise Requirement

The activities of IFC will be monitored and advised by NRDC and Advisory Board/ Management Committee of the IFC.

Advisory Board /Management Committee

- For the effective implementation of the programmes of the Institution and setting up of the NRDC-IFC, an Advisory Board/ Management Committee will be constituted immediately after the sanction of the IFC by NRDC. The Advisory Board/Management Committee will lay down policy guidelines, fix up the targets, and suggest measures for effective utilization of facilities and expertise available in the parent Institute and sourcing of expertise and facilities from other institutions in the region. The Advisory Board/ Management Committee should meet quarterly and should hold its first meeting within one month of establishment. The IFC Coordinator shall be nominated by the Head of the Institution.

The Advisory Board/ Management Committee shall have the following composition:

- One senior faculty member from the Institution - Chairman
- Representative of NRDC, New Delhi
- Representative of Patent Office of the region, if any
- Representative of MSME, if any
- One representative from reputed R&D institution of the region, if any
- Coordinator of IFC - Convener

5. Reporting Requirement

(Monitoring & Evaluation)

The activities of IFC will be monitored and advised by NRDC and Advisory Board/ Management Committee of the IFC. The Advisory Board/ Management Committee should meet quarterly and should hold its first meeting within one month of establishment of Centre. The activities of IFC would be reviewed quarterly.

Fiscal Requirement

- The IFC will maintain a separate account.
- The IFC should also maintain a separate stock register for the assets created.

PROFORMA FOR PROPOSAL

(To be submitted by the Institution willing to collaborate with NRDC for setting up NRDC- Innovation Facilitation Centre)

1. Name of the University/Institution
2. Year of Establishment
3. Name of the Head of the Institution
4. Complete Correspondence Address & Contact Details
5. Status: Whether Government/Private/Aided\Self financing\Deemed University (If private name Trust, enclose Memorandum of Association, and last three years Accounts)
6. Programmes (UG/PG/Ph.D) – please indicate
7. Has it been accredited, if so, indicate the rating and the validity
8. Infrastructure available – give details
9. Space (ii) Faculty strength (indicate department wise and qualification wise) (iii) Labs (iv) Library (v) Basic office facilities
10. Details of Intellectual Property Generated (during last five years)
11. Details of Technologies Transferred (during last five years)
12. Indicate your R&D strength in applied science & engineering
13. Achievements in product /process development area, if so, please mention
14. Indicate the annual budget of the institution
15. Experience in conducting IP awareness programme and other related programmes
16. Has any area earmarked for setting up of IFC, if so, give details, area etc.
17. Linkages with other institutions of the region as well as the industries.
18. Any other strength

CERTIFICATE TO BE ENCLOSED WITH THE PROPOSAL ON ESTABLISHMENT OF NRDC-IFC

This is to certify that

1. The proposed IFC to be established in the premises of this University/Institute. It will be the responsibility of the University/Institute to continue the activities at IFC after Twelve month period of establishment from NRDC, with out any further recurring financial assistance from NRDC.
2. The institution also agrees to meet the shortfall in the budget of the IFC in case IFC is not able to generate the desired level of revenue.
3. The University/Institute will provide office space/Closed Space/Room of minimum size of 200 Sq. Ft. for IFC and a Conference facility having capacity of at least 30-40 persons, furniture, secretarial assistance etc. and other administrative facilities for smooth operation of the IFC.
4. The University/Institute will abide by the decision taken by the NRDC for selection of NRDC-IFC Centre.

Signature of Head of the Institution

Seal