



NATIONAL RESEARCH DEVELOPMENT CORPORATION

TECHNO-COMMERCIAL SUPPORT FOR PROMISING INVENTIONS / INNOVATIONS

GUIDELINES

1. Background

National Research Development Corporation (NRDC) is a unique organization in the country dedicated to promote, develop and commercialize indigenously developed inventions / technologies.

NRDC's basic charter envisages technical and financial interventions required for closing gaps in the "innovation Chain" through which promising inventions or processes are transformed and developed for ready adoption by the industry.

2. Objective

There are number of value additions required for the laboratory scale technologies to be acceptable by the industry. The objective of this program is to provide essential support to the applicants for overcoming minor issues like testing of the product, authentication of results in field conditions, improvement of prototypes and preparation of comprehensive know-how document.

Under this scheme, NRDC provides techno-commercial support to Indian inventors / scientists / technocrats / NRDC Awardees / NRDC Licensees, etc to make the developed technology marketable and acceptable to entrepreneurs and industries. The techno-commercial support is provided for the following purposes:

- i) Improvements in prototypes to make it commercially acceptable
- ii) Carrying out process trials / field trials / testing / analysis
- iii) Preparation of a pre-feasibility report
- iv) Preparation of video or animation film about working of the invention
- v) Preparation of comprehensive know-how document
- vi) Demonstration of the technology (in deserving cases only)

3. Eligibility Criteria

- (a) Indian inventors / scientists / technocrats / NRDC Awardees / NRDC Licensees having promising, technically feasible & commercially viable invention/innovation including the following categories:
Technology/Technical know-how/process/invention/innovation assigned to NRDC; Technology/Innovation / Invention awarded by Central or State Government or NRDC or any Industry Association or any Institution recognized



by AICTE/UGC or any National R&D Laboratory, in the field of science and technology.

b) It should be ensured that the technology/technical know-how/process/invention/innovation is scientifically and technically valid at laboratory / pilot plant level.

(c)The details of techno-commercial support category-wise are as follows:

SI #	Types of Techno-Commercial Support	Max. Amount of support (Rs.)
1.	Improvements in prototype to make it commercially acceptable	2,00,000
2.	Carrying out Process Trials / Field trials / Testing / Analysis	2,00,000
3.	Preparation of video or animation film about working of the invention / innovation (in respect of technologies to be assigned or assigned technologies)	25,000
4.	Preparation of a Pre-feasibility report (for the technical know-how assigned to NRDC for commercialization)	25,000
5.	Preparation of comprehensive know-how document (for the technical know-how assigned to NRDC for commercialization)	25,000
6.	Demonstration of the technology (for procuring raw material, chemicals and bio-chemicals) (for the technical know-how assigned to NRDC for commercialization)	25,000

4. Duration of the Work / Project

- The work under the techno-commercial support will be time bound and in any case the period of the project will not exceed 12 months from the date of release of the funds by the NRDC.
- In case of Technologies not assigned to NRDC, the Techno Commercial Support will be released only after assignment of technology(s) to NRDC.
- In case, the work is not completed within the approved time frame, the applicant(s) will seek special permission from NRDC to extend the period of project work citing the reasons thereof. NRDC will place the request of the applicant(s) before the Competent Authority and will communicate the approval for extension or otherwise of the project to the applicant(s)

5. Application Procedure and “Rules and Regulations” of availing support

- Applications / Proposals with complete details as per the enclosed format should be submitted by the innovators (individually or jointly) in duplicate along with a soft copy of the application typed in MS Word format along with other Annexures



on CD-ROM/DVD-ROM under any one category of techno-economic support only to NRDC.

- B. Individuals / applicants working in organizations should furnish a 'No Objection Certificate' (NOC) from their respective Competent Authority.
- C. Funds for schemes under Sr. No. 1 & 2 would be released in phases. The first instalment 75% of the sanctioned amount would be released at the time of issue of sanction letter and the balance 25% on successful completion of the project and Submission of Utilization Certificate and Statement of Expenditure certified by Chartered Accountant and self along with the Final Report. The percentages of the phased releases could be modified by the Project Review Committee/Internal Committee.
- D. For funds for Schemes under Sl. No. 3 to 6, one must submit the Self Certified Utilisation Certificate and Statement of Expenditure along with the Final Report.
- E. The rent / accommodation, salary, infrastructure, purchase of equipment / instruments and similar items of expenditure shall be supported. However, purchase of machine/equipment that are critical for the scaling up/ trials where confidentiality needs to be maintained will be considered. In such cases the applicant needs to give proper justification. The screening committee will decide on the extent of funds to be provided in such cases.
- F. Applications / proposals for software development, mere patent specifications, basic scientific research projects, etc having no commercialization potential will not be considered.
- G. Applications / proposal(s) having sketchy details, incomplete applications, applications without signature, applications without NOC from the Competent Authority, applications proposing indigenization of imported technology / products, etc will not be considered.
- H. Eligible applications / proposals received will be evaluated technically in-house and after thorough examination 'inter-alia of' patent / literature search report submitted by applicant(s), these reports will be placed before a Technical Committee set-up for this purpose.
- I. Canvassing / using pressure tactics in favor of any application by any of the applicant(s) will result in rejection of their application / proposal.
- J. Applicants of selected applications / proposals will sign an undertaking to utilize the funds sanctioned for the specific purpose and as per the time frame.
- K. In case the funds are not utilized for the said purpose or if they are found utilized for other purpose(s) or if there is no satisfactory progress as proposed in the project, the entire funds released by NRDC will be refunded by the applicant(s) to NRDC along with the interest earned on the funds disbursed.
- L. The techno-commercial support extended to an applicant(s) is non-transferable to any other applicant(s), individual(s) or organization(s). Efforts will be made by the applicant(s) to successfully complete the project before applicant(s) working in an organization is transferred, resigns, superannuates or is terminated from services.
- M. Applicants(s) who are individuals and are not affiliated to any organization will submit proof of identity and proof of address. The applicants may submit photo copy of Aadhar card, passport issued by Indian Passport Office, election Id card, PAN card, ration card or driving license.
- N. If the project is not completed due to transfer, resignation, superannuation or termination of applicant(s), or for any other reason(s), then entire fund released



will be refunded by the applicant(s) / organization to NRDC along with interest of 18% p.a. calculated from the date of realization of funds by the applicant(s) / organization.

- O. Depending on the category of support, after the successful completion of the work, NRDC will have the right to insist, that the improved prototype be kept in a fit and working condition for a specified period for use in demonstration & training and replication of the technology
- P. NRDC reserves the right to visit and evaluate the progress made on the project by the applicant(s) / organization during any time of the project period by its executives or any other person/persons authorized by it.
- Q. In case of support under categories at Sl. Nos. 3 to 6, original / final formats of video / animation on CD-ROM/DVD-ROM, complete report on trials, testing, analysis, etc will be submitted to NRDC.
- R. Applications / proposals for techno commercial support are accepted round the year.
- S. The applicant / organization should submit quarterly progress report of the project to NRDC.
- T. The techno-commercial support to applications / proposals is subject to their merit and availability of funds. NRDC reserves the right to reject, any or all proposals.
- U. Any other terms and conditions as considered necessary by NRDC, from time to time, will also be applicable.
- V. It would be the responsibility of the Applicant / organization that all activities undertaken related to the work / project do not violate any provisions of law enacted by Central and / or State Governments, local bodies or any other such authority. Consequences of any contravention would solely rest with the Applicant / Organization.
- W. Any dispute arising out of Financial Support, scope of the work, coverage etc., the decision of the Chairman and Managing Director of NRDC will be final and binding on the applicant/ organization.

The complete application form duly filled along with the details as sought may be sent at the address given below:



The Chairman & Managing Director

Kind Attention: Techno-Commercial Support

NATIONAL RESEARCH DEVELOPMENT CORPORATION

(An Enterprise of Department of Scientific and Industrial Research,
Ministry of Science & Technology, Government of India)

20-22, Zamroodpur Community Centre, Kailash Colony Extension,
New Delhi 110048



4. Status of the work already carried out such as (Please provide the details separately):
 - Literature survey/patent search (Please enclose the search report)
 - Development work done so far, including involvement of agencies, consultation with experts
 - Tie-up for design, fabrication etc with any external agencies
 - Techno-economic/market feasibility studies/reports, if any
 - Consumers / users feedback, if any.
 - Status of Patent (Please enclose Form 1 & Form 2 of the Patent application, Copy of the Provisional/Complete specification submitted at the Patent Office).
5. Stage of Development:

Laboratory Scale / Pilot Plant Scale / Static Model / Prototype / Working Model / Commercialized
6. Category / Type of Techno Commercial Support required (Please see guidelines):
7. Phase-wise work plan of the development required to be carried out and expected results on quarterly basis (Please provide information in a separate sheet):
8. Advantages of improvement proposed in the Project (Enclose detailed information in separate sheet):
9. Have you sought / received support / financial assistance from any other body / agency / organization for the present work proposed? (If so, please furnish details)



10. Amount of financial assistance required & Break-up of activities along with the budget (Please provide details of the requirement of material, services and approximate budget in separate sheet):

11. Is the payment to be made through cheque /DD or On-line.

a) For payment through Cheque DD: Then provide details of Individual's/Applicant's, Complete Correspondence / Permanent Address

b) If the payment is to be made online (NEFT / RTGS / Bank Transfer) (Kindly enclose a cancelled bank cheque):

Name of the Beneficiary:
(As provided in the Bank)

Name of the Bank:

Branch Address:

Bank Account Number:

MICR Code:

IFSC Code:



11. Declaration:

I / We declare that I / we am / are the owner of the invention / innovation and all the statements made in this application are true, complete and correct to the best of my/our knowledge and belief. In the event of any information, found false or incorrect, amount paid to me / us may be recovered with 18% interest p.a. from date of realization of the funds.

I / We will abide by the decision taken by NRDC and to the rules and regulations of the NRDC.

Place:

Date:

Signature of the applicant(s)

- (i) Please enclose the supporting documents.*
- (ii) Detailed description – 2 copies*
- (iii) A soft copy of the application typed in MS Word Format along with other annexures on CD-ROM/DVD-ROM*

The complete application form duly filled in should be sent at the address given below:



The Chairman & Managing Director

Kind Attention: Techno-Commercial Support

NATIONAL RESEARCH DEVELOPMENT CORPORATION

(An Enterprise of Department of Scientific and Industrial Research, Ministry of Science & Technology, Government of India)

20-22, Zamroodpur Community Centre, Kailash Colony
Extension, New Delhi 110048



Format 2

Format for Utilization Certificate

Utilization Certificate

- (1) This is to certify that a sum of Rupees sanctioned by National Research Development Corporation, New Delhi vide Letter No. dated..... under the TechnoCommercial Support Programme during the Year..... in favor of
.....
and a sum of Rupees.....released to vide letter No.dated....., a sum of Rupees.....
..... has been utilized for the purpose for which it was sanctioned and that a balance of Rs.
(Rupees in words
.....) that remained unutilized has been surrendered to the National Research Development Corporation, New Delhi (Vide DD No. dated
drawn in favor of National Research Development Corporation, New Delhi made payable at New Delhi).
- (2) Certified that I/we have satisfied myself / ourselves that the conditions on which the techno commercial support was sanctioned have been duly fulfilled and that I/we have spent the money for the purpose for which the support was provided by National Research Development Corporation, New Delhi.

(.....)
Signature of Applicant/ Inventor/
Organisation Head

Place:
Date:

(.....)
CHARTERED ACCOUNTANT
Seal of Chartered Accountant
and UDIN



Format 3

Format for submission of Statement of Expenditure

1. Title of Project:
2. Name of Applicant(s):
3. NRDC Sanction No.:
4. NRDC Sanction Date:
5. Category of Techno Commercial Support:
6. Sanctioned Expenditure:
7. Amount released:
8. Details of expenditure

Sl #	Item Head	T C Support	Actual Expenses
1.	Cost of Material		
	(list all material purchased and give the details)		
2.	Hiring of equipment		
3.	Testing Charges		
4.	Utilities (Power, water)		
5.	Etc.		
	Total		

TC Support received (Rs)	
TC Support utilized (Rs)	
TC Support balance (Rs)	

Signature of Applicant(s)

(
CHARTERED ACCOUNTANT

Place: Seal of Chartered Accountant & UDIN

Dated:



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Format 4

Checklist for Techno Commercial Support Proposals

Sl#	Parameters	Remarks
1.	Applicants Details	
2.	Forwarded by Competent Authority, if employed	
3.	No Objection Certificate (NOC) from the Employer / Competent Authority of the Organization	
4.	Address and identity proof of the applicant(s) who do not have affiliation with any organization	
5.	Softcopy of the application in MS Word Format	
6.	Declaration signed by the applicant(s)	
7.	Bank details	
8.	Category of techno commercial support sought	
9.	Stage of development	
10.	Address for Correspondence	
11.	Submission of information pertaining to patents / other IPs	
12.	Receipt of the Proposal acknowledged	
13.	Assign Proposal Number and forwarded to Technical Officer in the relevant field for his observations and comments	
14.	Date of meeting of the Committee Members on which the proposal was placed	
15.	The decision of the Corporation on the proposal as recorded in the minutes of meeting	
16.	Note sheet put-up for seeking approval of the Competent Authority of the Corporation, date of Approval	
17.	Date of Communication to Accounts Division about the approval for release Techno Commercial Support / transfer online to the selected proposer	
18.	Date of release of Techno Commercial Support / online transfer to the selected proposer	
19.	Date of Communication to the proposer regarding the decision of the Corporation on his/her/their proposal	
20.	Date of realization of the amount by the proposer (Date of start of program)	
21.	Date of submission of the final report of the program	



Format 5

Guidelines for Evaluation of Proposal by NRDC/ Members of the Committee for Techno-Commercial Support:

1. Is the application complete in all respects?
2. If the applicant(s) is an individual with no affiliation to any organization, has he/she/they submitted the identity and address proof? Can the identity and permanent addresses of the applicant(s) be verified?
3. If the applicant(s) is from an organization, has he/she/they submitted the no objection certificate from their respective competent authority? And duly forwarded by their Competent Authority?
4. Whether the technology is assigned to NRDC?
5. Whether the technology is awarded by NRDC or any other organization?
6. What is the category of techno commercial support sought?
7. Is the technology proven at laboratory / pilot plant scale?
8. Has/have applicant(s) given the detailed description of the technology?
9. Is the working model / working prototype novel and ready for demonstration?
10. Has/have the applicant (s) provided details on work carried out earlier?
11. Has/have the applicant(s) provided details on phase-wise work / execution plan?
12. Has/have the applicant(s) provided the expected outcome and envisaged the benefits of this work?
13. Has/have the applicant(s) provided the activity-wise / material-wise breakup of the expenditure to be incurred in the project?
14. Is the technology protected by any IPs? If yes, which IP taken? Are the details provided?
15. What is duration of Project? Is it commensurate with the category of support sought?
16. Has/have the applicant(s) given complete bank details along with cancelled bank cheque?
17. Has the proposal got funding / support from any other agency? If yes, to what extent and from which organization?
18. Has/have the applicant(s) submitted the soft copy of their proposal along with the requisite enclosures?