



NIRDESH
NATIONAL INSTITUTE FOR R&D IN DEFENCE SHIPBUILDING
(An autonomous society under the Ministry of Defence)

**GENERAL INFORMATION
FOR SUBMISSION OF PROJECT
PROPOSALS**

GENERAL INFORMATION

NIRDESH – National Institute for R&D in Defence Shipbuilding, is an autonomous society of the Ministry of Defence. Headquartered in Calicut, the institute functions under the Chairmanship of the Hon'ble RakshaMantri, and Secretary Defence Production as its Vice – Chairman. The Indian Navy, Indian Coast Guard, DRDO and Defence Public Sector Shipyards are member organizations of NIRDESH.

NIRDESH committed to provide the state of the art technology, design, R&D, and knowledge to personnel of its member organization. Regular customized training programs are organized by NIRDESH, to keep abreast with the latest technologies related to shipbuilding and maritime operations. Non-restricted programs are offered to organizations other than member organizations, who could take advantage and update their technical work force in specialized areas.

In pursuance to its role to provide state of the art technology solutions, NIRDESH identifies the areas and update it constantly to invite projects to academia, R&D organizations and industry, as sponsored or collaborative projects.

IDENTIFIED AREAS FOR 2016-17

Following areas have been identified:-

- (i) Green initiatives in ship design and construction.
- (ii) Active Noise cancellation
- (iii) Nano coatings for improved life and reduced inter-docking intervals
- (iv) Microsensors and Microsystems
- (v) Smart Materials and Application on Warships
- (vi) EMI, AMC and Stealth

WHO CAN SUBMIT PROJECT PROPOSALS

The Project Proposal could be submitted for financial support by scientist / engineers/ technologists working in Universities and other academic institutions; R & D institutions / laboratories / Industrial houses, having adequate infrastructure and facilities to carry our R & D work.

Financial support is provided only for staff salaries, equipment, consumables, internal travel and other miscellaneous items. No support is provided towards basic infrastructure and building.

The investigator/ R & D Group should have adequate experience and expertise in the relevant area.

PROCEDURE FOR SUBMISSION OF PROJECT PROPOSALS

Format for submission of Project Proposal is to be downloaded from this website. A two page white paper covering the key aspects need to be submitted to the following address in hard and soft copy:

The Deputy Director General
National Institute for R&D in Defence Shipbuilding (NIRDESH)
B2/201 GF Safdarjung Enclave, New Delhi – 110029
Email : nirdeshdel@gmail.com; Telefax ; 011-41063233

Post initial vetting and acceptance by NIRDESH, Five (5) copies of the project proposals should be submitted in the enclosed format. Please ensure that following documents have been completed and attached in original copy of the proposal.

- i. Certificate from the investigator (given on page 1 of the format); and
- ii. Endorsement from Head of the institution on Letter Head (given on page 2 of the enclosed format)

These documents may not be attached with other 4 copies of the project proposal. Application received without above documents / with incomplete information under each time of the format will not be entertained.

The proposal may be submitted any time during the year.

POINTSTO BEKEPT IN MIND WHILE SUBMITTING PROJECT PROPOSALS

1. Involvements of Shipyards/ Indian Navy/ Indian Coast Guard / DRDO / Industries

It is envisaged that the end product of development shall be transferred for commercial production/ application. Hence concerned agency is required to be associated with each project right from the beginning. Joint / collaborative funding projects with industries and other funding organizations may be proposed, which would be preferred. The modalities would be considered from case to case basis, and the final discretion would be of NIRDESH.

The IPR, in any case, will be shared by NIRDESH and the other contributing institution(s), if any, as the case may be.

The product should necessarily have scope for use in shipbuilding and / or maritime operations.

2. Project Duration

The projects should be time-bound normally for duration of 1-3 years depending upon the extent of R&D required.

3. Monitoring of the Project

Implementation of the projects are monitored regularly by the NIRDESH through a Committee of Experts. Monitoring is done normally on six monthly basis. Review period may vary in specific cases.

GENERAL TERMS AND CONDITIONS FOR THE GRANT

1. The Institution where project will be implemented, will assume financial and other administrative responsibilities of the project.
2. In case of multi-institutional project the Principal Investigator has to obtain formal agreement from the collaboration institutions/ scientists.
3. International travel is normally not permissible under the project.
4. The manpower recruited for the project should be paid as per the rules of the institute and guidelines of the Government of India. The posts which are not covered under the guidelines but permissible under projects at host institute are also permitted. The staffs that may be employed for the project by the organization are not to be treated as employees of the NIRDESH and the deployment of such staff at the time of termination of the project will not be the concern / responsibility of NIRDESH.
5. It is the policy, to maximize the use of equipment. In this light, investigator shall permit the use of spare or idle capacities of equipment procured under the project by bona fide users.
6. All the assets including equipment acquired and prototypes fabricated from the grant by NIRDESH, will be the property of NIRDESH and should not without the prior sanction be disposed of, or utilized for purposes other than those for which the grant has been sanctioned.
7. The Principal Investigator / organization will be required to furnish progress reports every six months (unless specified otherwise during award or mid-course), on the progress made on all aspect of the project including expenditure incurred on various approved items during the period.
8. The Auditor(s) of NIRDESH will have the right to access to the books and accounts of the organization for grants received from NIRDESH.
9. The organization would maintain separate account for project. The grant should be kept in ainterest bearing bank account and the interest earned should be reported to the NIRDESH The interest thus earned will be treated as a credit to the organization and will be adjusted towards further instalments of the grant.
10. Grant can be terminated by NIRDESH at any stage if it is convinced that the grant has not been properly utilized or appropriate progress is not being made.
11. If the Principal Investigator wishes to leave the organization where the project is based, the organization / investigator will inform the same to NIRDESH and with its consultation evolve steps to ensure successful completion of the project, before relieving the Principal Investigator. The Investigator(s) should submit five copies of complete and detailed report of the work done by them on the project before leaving the organization.

12. Sale proceeds, if any, of the components, prototypes, pilot plants etc. fabricated as a result of the development of the project arising directly from funds granted by NIRDESH shall be remitted back to NIRDESH. NIRDESH may, at its discretion allow a portion of such receipt to be retained by the organization.
13. The know-how generated from the project would be the property of the NIRDESH and any receipts by way of sale of know-how, utilization of know-how for production, royalties etc. shall belong to NIRDESH. NIRDESH may, at its discretion, allow a portion of such receipts to be retained by the organization.
14. The Principal Investigator / organization will prepare all the documents that would be required for the transfer of know-how to the user/ production agency / agencies and submit them NIRDESH. The organization will be responsible to transfer the know-how developed and supply all the needed information to users and NIRDESH as and when required.

GUIDELINES ON OVERHEAD EXPENSES

Following amount may be claimed by the host institution as part of the project budget towards meeting their costs for overhead expenses including infrastructure facilities etc:-

- i. 20% of the total project cost with an upper limit of Rs. 5.0 lakh for educational institutions and Rs. 3 lakh for laboratories and institutes under S&T agencies / departments, will be provided as a part of the project, and
- ii. On projects costing more than Rs.50 lakhs, the quantum will be decided on a case to case basis.