



Technology Development Fund (TDF) Scheme

BUILDING AN ECOSYSTEM FOR ENHANCING
CUTTING EDGE TECHNOLOGY CAPABILITY
FOR DEFENCE MANUFACTURING

SUPPORTING AGENCY



INVEST INDIA
NATIONAL INVESTMENT PROMOTION
& FACILITATION AGENCY



Vision

Building an ecosystem for enhancing cutting edge technology capability for defence manufacturing to meet the requirements of Tri-Services, Defence Production and DRDO.

Mission

Creating an ecosystem for promoting self-reliance by building indigenous state-of-the-art systems for defence applications.

About Technology Development Fund (TDF)

Technology Development Fund (TDF) has been established to promote self-reliance in Defence Technology as a part of the 'Make in India' initiative. It is a programme of the Ministry of Defence. This programme is executed by the Defence Research & Development Organisation (DRDO) to meet the requirements of the Tri-Services, Defence Production and DRDO. The Scheme encourages participation of public/private industries, especially **MSMEs and startups**, so as to create an ecosystem for enhancing cutting edge technology capability in the defence sector.

Focus Areas

- Significant upgradation/ improvements/developments in the existing products/processes/ applications
- Technology readiness level upgradation from TRL 3
- Development of futuristic technologies/innovative products which can be useful for defence applications
- Import substitution of components whose technologies do not exist in the Indian industry
- The scheme will be limited to development of technologies or prototypes of products having potential use for National Defence

Eligibility for Industry

- 1 Private industry registered in India especially MSMEs and Startups
- 2 The industry must be a public limited company, a private limited company, a partnership firm, a limited liability partnership, one-person company, sole proprietorship registered as per applicable Indian laws
- 3 Industry to be owned and controlled by a Resident Indian Citizen with a shareholding of at least 51%



Funding Support

- 1** The funding will be through provision of grants to the Industry
- 2** The project cost of up to INR 10 Cr will be considered for funding, subject to a maximum funding of 90%
- 3** Industry may work in collaboration with academia or research institutions
- 4** The work involvement of academia cannot exceed 40% of the total project cost
- 5** The funding will be linked to mutually agreed milestones
- 6** Funds will be released based on the completion of milestones

Project Duration

Maximum development period will be two (2) years.

Selection Criteria

A three-tier evaluation and assessment will be done based on the following parameters:

- 1** Design capability
- 2** Fabrication and manufacturing capability
- 3** Maintainability and life cycle support
- 4** Commercial viability
- 5** Capacity and profile of the company



TDF FOR NASCENT STARTUPS

Who can apply for TDF Scheme for Nascent Startups?

- 1 Startup must be recognized by DPIIT and should not be incorporated for more than 3 years from date of submission of application
- 2 Startup should not have received any grants/grants-in-aid by any government scheme for a similar technology
- 3 Any industry which is a public limited company, a private limited company, a partnership firm, a limited liability partnership, one-person company, sole proprietorship registered as per applicable Indian laws
- 4 The industry must be owned and controlled by a Resident Indian citizen with a shareholding of at least **51%**
- 5 Startup should be incubated at one of the Central/State government assisted incubators
- 6 The incubator should have assisted at least **25 startups**, and at least **5** amongst these must be from the Defence and Aerospace sector

Funding Support

1

Proposes to target nascent startups for project requirements with an estimated development cost of up to **1 crore**, inclusive of funding support of up to **20%** to the incubators associated with the startup.

2

Aims to provide financial assistance to startups for prototype development and trials.

3

Option to create partnerships with academia, where the contribution of the academia is up to **40%** of the total project effort.

Evaluation

Broad Category of Evaluation

1 Design Capability

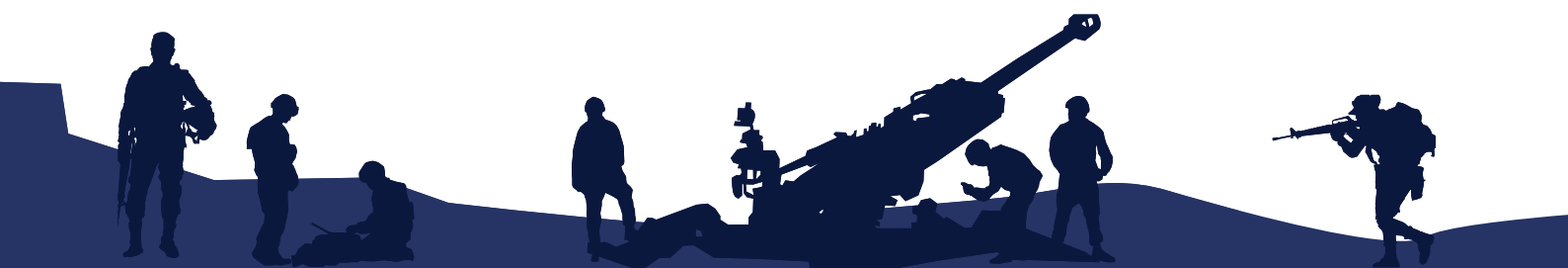
- PI & Team; Technical capability/Qualification/Quality of the Team (Startups/Incubator)
- Proposed configuration/Navelty
- Approach to meet functionalities
- Indigenous design capability in subject field (% Indigenous Content in the proposed technology development)
- Total no. of patents translated into product in the subject field and total no. proposed to be utilized for the project

2 Fabrication and Manufacturing Capability

- Indigenous manufacturing capability (plant and machinery) (with Startups/Incubator Partner)
- Potential to meet defence needs/innovative/Unique Solution as per the Project requirement
- Presentation /Potential Impact/Overall Assessment
- Inter-operability across the Services/Potential for dual use/Export Potential
- Execution of projects in India / abroad

3 Nature of DA

- Nature of the Company/Startups
- Nature of the Incubator



Benefits



Joint ownership of IPR along with DRDO



Opportunity of being a part of the defence ecosystem



Sales opportunity to primes as subcontractors



Direct channel of sales in the private marketplace for the development of dual use technology and spin-offs



Nurturing of young minds



Contact Details

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