

File No: - \_\_\_\_\_



## Technology Development Fund (TDF) Scheme

[Project Name}

# Technical Parameter Requirement (TPR)

Prepared by:

Reviewed by:

Approved by:

Directorate of Technology Development Fund (DTDF)  
DRDO HQr, DRDO Bhawan, Rajaji Marg, New Delhi - 110011



## Feasibility Proforma for Technical Parameter Requirements

Name of Project:	
Name of Directorate / Unit / Establishment / Laboratory:	
Details of Cluster DG	
Name & Designation & Contact Details of Project Officer:	

### Note:

1. All sections of the proforma are necessary.
2. The Proforma tries to bring out the technical parameter requirement for Acceptance of Necessity (AoN) of project under TDF Scheme
3. The information shared in "Part A" of this proforma is required for inviting Expression of Interest from Indian Industries. This information will be placed on TDF website and will be available for public access. Hence it is to be ensured that "Part A" does not contain any strategic /classified information or system / copyright names.
4. The information being filled should bring out clearly the details of system / sub-system / component along with expected testing and qualification criteria. In addition, in order to get suitable response, expected quantity required should also be brought out.
5. It is essential that Proprietary Names (National / International), Name of System not be disclosed in Part A. If required a broad definition should be used, e.g. Air borne Article / Armored Vehicle / Buoyant Vessel etc.



PART A

1. Name of Project / Title of Requirement:
2. Introduction/Brief Description:
3. Objective of the project:
4. Technology Area(Discipline / Sub-discipline):
5. Description of the major system / subsystem:  
(Please describe the major system where the technology is proposed to be utilized; attach drawing and pictures, if any)
6. Description about the Technology  
(In case if existing system, please provide details of the same with its application, source, deficiencies if any and improvement sought; In case of novel system, please provide information on its proposed application, its utility and improvement brought in by the system)
7. Functional and Operational Requirements:

Details	Qualitative Details	Quantitative Details
Functional Parameters		
Physical Constraints		
Environmental Constraints		
Reliability / Criticality		
Life Cycle and Maintainability		
Usability		
Material Specifications		
Any other Points		
8. Broad Testing Requirements & Standards:  
(Please specify type of testing required)
9. Certification Requirements:  
(Please specify the specific certification required for the project)
10. Number of prototypes required to be developed in the project including testing samples (other project deliverables (expected)):
11. Documents Required from Development Agency (DA) for technology sharing





12. Milestone\* (in case any change from Standard followed at TDF) as given in the table below:

<b>Milestone Phase No.</b>		<b>Activities</b>
MS1	<i>Preliminary Design</i>	<b>Preliminary Design Review</b> <ul style="list-style-type: none"><li>• <b>Release of Approved PDR Documents including compliance</b></li></ul>
MS2	<i>Critical Design</i>	<b>Critical Design Review</b> <ul style="list-style-type: none"><li>• <b>Completion of Design, Development &amp; testing of identified Critical technology and component</b></li><li>• <b>Release of Approved CDR Document including compliance</b></li></ul>
MS3	<i>Development &amp; Testing</i>	<b>Development and Fabrication</b> <ul style="list-style-type: none"><li>• <b>Manufacture of component / subassemblies / prototype and their integration</b></li><li>• <b>User Trials – Factory Test / User Acceptance Test, etc.</b></li></ul>
MS4	<i>Production and Supply</i>	<b>Final production of deliverables</b>
MS5	<i>Documentation and ToT/IPR</i>	

- Normally maximum payment against Milestone 1 is limited to 20%
  - Normally minimum payment against Milestone 5 / Last Milestone should be 20%
- \* Maximum Permitted milestones are 05 (Five)

13. Estimated time for development

14. Exit Criteria

15. Estimated Quantity Requirements for which order will be placed by the user upon successful completion of TDF project:

16. Broad Acceptance Criteria

17. Any other Applications including Spin-off Applications:

18. Any Other Details, if any:

19. Keywords: