‘TECHNOLOGY DEVELOPMENT FUND’

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BACKGROUND: “TDF” SCHEME

TDF SCHEME

- "TDF" Scheme : Set up in Union Budget **2014-15**

- <u>Objectives</u>

  - ✓ Funding for Development of Defence & Dual Use Technologies

    - ❖ **Not Existing with Indian Defence Industry**

      Or

    - ❖ **Not Developed so far**

  - ✓ Creating an Eco-System: Enhancing Cutting Edge Technology Capability for Defence Application

  - ✓ Development of Technologies which would form Kernel of Components/ Assemblies for Defence Platforms

TDF SCHEME

- Who Steers the Projects?

TDF Projects are **Steered & Funded by DRDO**

- Who proposes the Projects?

Three Services viz. Army, Navy, Airforce & DRDO Labs propose Projects to Headquarters, DRDO to be pursued under TDF Scheme

TDF SCHEME

➢ Salient Features

- ✓ Funding to Public/Private Industry, particularly MSMEs

  Work in Collaboration with Academia or Research Institutions to carry out Innovation, R & D

- ✓ Only Indian Vendors including Association of Person(AoP) -Eligible for Participation

- ✓ Each Project Capped at Rs 10 Cr. with Dev. Time of Two Years

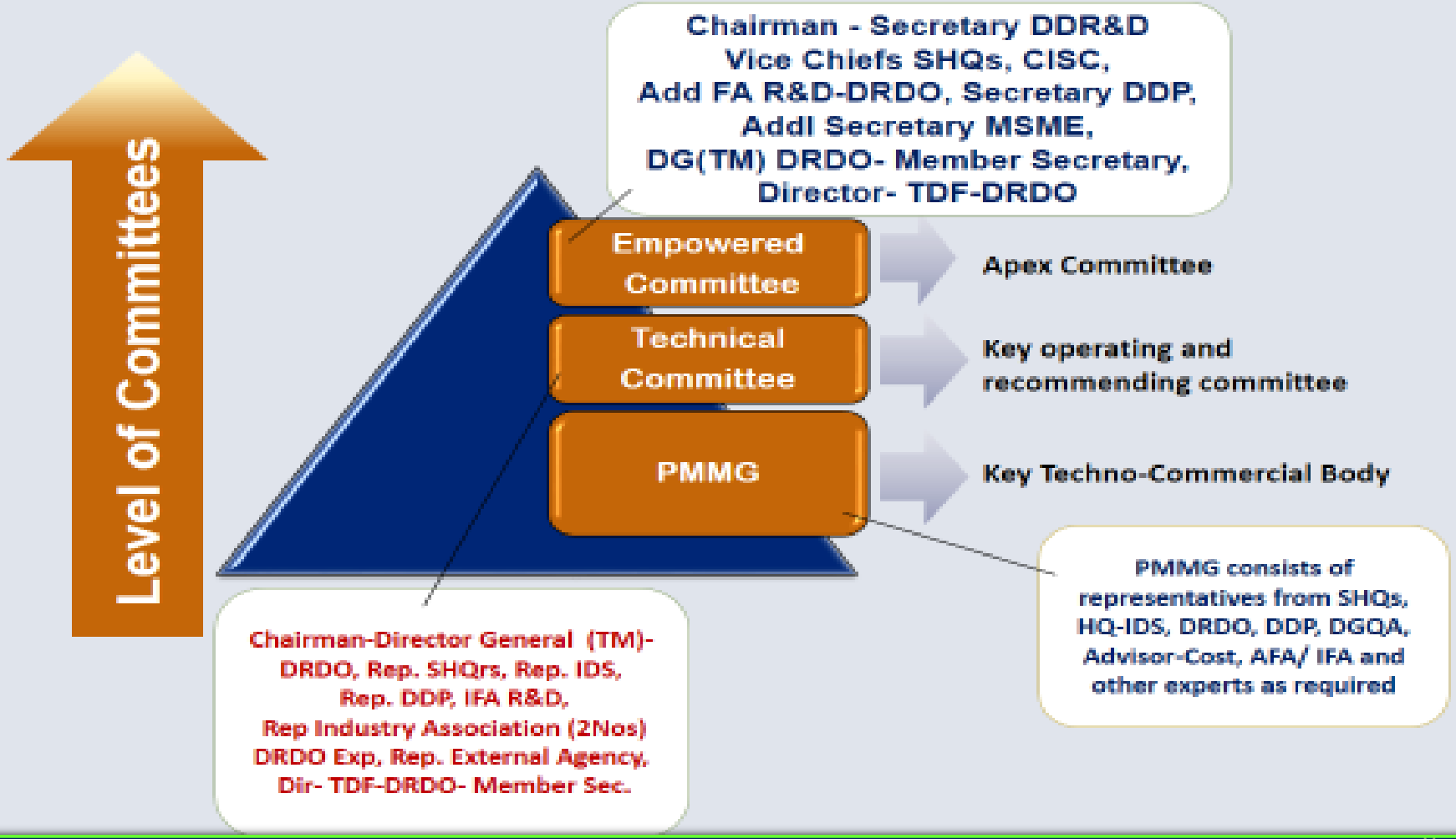
- ✓ 90% of Project Cost Funded by Govt

- ✓ Technology Readiness Level Up-gradation from **TRL 3** onwards for Realisation of Prototype

"TDF" – STRUCTURE

- **Structure of TDF**
  - Scheme is Steered by **DRDO** under a Two Tiered Structure
    - ✓ **Empowered Committee - Chaired by Secy, DD(R&D)**
      - ❖ **Apex Governing & Principal Decision Making Body**
      - ❖ **Report to Raksha Mantri(RM)**
    - ✓ **Technical Committee – Chaired by DG(TM)**
      - ❖ **Key Operating Body for all matters of TDF Scheme**
      - ❖ **Reports to Empowered Committee**

"TDF" – STRUCTURE



‘TDF’ PROCESS FLOW

"TDF" : PROCESS FLOW

- ✓ Advance Planning & Consultations - User Requirements
- ✓ Feasibility Study : By Service Headquarters &DRDO
- ✓ AoN (Acceptance of Necessity): Empowered Committee
- ✓ Constitution of Project Monitoring & Mentoring Group (PMMG)
- ✓ Issue of Expression of Interest
- ✓ Evaluation of EoI and Shortlisting of Firms
- ✓ Forward Prelim. Design Document (PDD) : To Shortlisted Firms
- ✓ Based on PDD, Shortlisted Firms forward Detailed Project Report (DPR) to HQ, DRDO

"TDF" – PROCESS FLOW

- ✓ Evaluation of DPR by PMMG
- ✓ Recommendation on DPR by the Technical Committee
- ✓ Selection of Firms (Two nos.) by Empowered Committee
- ✓ 'Price Bid' Opening
- ✓ Price Negotiation
- ✓ Approval/Sanction of CFA for Funding
- ✓ Issue of Govt. Letter
- ✓ Award of Contract to One/Two Firms
- ✓ Payment by PCDA (R&D) for Execution of the Project

"TDF" : PROCESS FLOW

Selection of Development Agency(ies)

- ✓ Assessment of EoI responses against Approved Evaluation Criteria
- ✓ Assess Roles & Responsibilities of Individual members under AoP Agreement
- ✓ Shortlisting of Firms
- ✓ Shortlisted Vendors Submit Detailed Project Report(DPR) including Cost Estimates : Based on PDD
- ✓ Shortlist Firms post Evaluation of DPRs
- ✓ Empowered Committee Selects the Firms

REFERENCES

TDF– REFERENCES

- ✓ **“TDF” website :-**

  <https://tdf.drdo.gov.in >

- ✓ **Link for EoI details of Projects:-**

  < https://tdf.drdo.gov.in /fundings>

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- ✓ **Link for SOP for TDF**

  < https://tdf.drdo.gov.in / download>

CONTACT DETAILS

TDF– CONTACT DETAILS

✓ Dte of Indigenisation

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