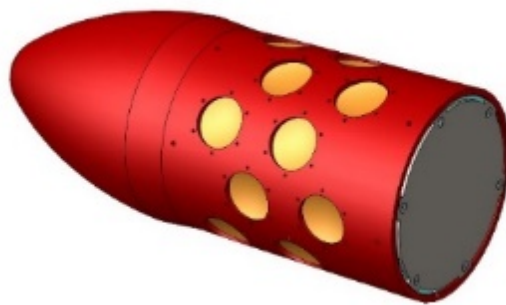


Omni-directional Multi-EFP Warhead for Naval Anti-Ship Missile- Short Range (NASM-SR)

DRDO has developed a helicopter launched air to surface weapon system to meet the anti-surface warfare requirements of Indian Navy.

An Omni-directional Multi-EFP technology based Penetration Cum Blast (PCB) warhead (except fuze) is designed. The warhead would penetrate target due to its kinetic energy and then it shall explode with in few milli seconds to generate fragments and blast sufficient enough to put the target/vessel out of action. The warhead casing will be filled with suitable high explosive. Blast and penetration performance evaluation trials of warhead in standalone and integrated mode have been completed.



Omni-directional Multi-EFP warhead

Interested companies/industries are requested to apply against this EoI to following address:-

**Director,
Terminal Ballistics Research Laboratory (TBRL)
Sector-30
Chandigarh-160030
Fax: 0172-2657506
E-Mail: director.tbrl@gov.in**

A copy of interest may be sent to the following address without any attachment:-

Copy to:-

**The Director
Directorate Industry Interface and Technology Management (DIITM)
Room No 447, DRDO Bhawan, DRDO HQrs, Rajaji Marg, New Delhi – 110011
Phone No: 01123013209/23015291
Fax No: 011-23793008
Email ID: diitm.hqr@gov.in**

List of Support documents to be attached with EoI

- (a) Memorandum and Articles of Association (Should be incorporated as per Indian Companies Act, as amended time to time)
- (b) Certificates of registration as a manufacturing unit, if any.
- (c) Audited Balance Sheet for the preceding three years.
- (d) Income Tax returns for the preceding three year period
- (e) Details of shareholding/ownership pattern especially foreign partners/ shareholders, foreign employees, directors, etc. The company must adhere to the prevailing Govt of India policies and regulations on Foreign Direct Investment (FDI)/DIPP norms as applicable.
- (f) Annual budget for R&D during last three years.
- (g) Numbers and details of IPR or patents, etc., held by the company.
- (h) Number of technically or professionally qualified personnel.
- (i) Record of past performance (e.g., Supply orders executed against of Ministry of Defence orders, Public Sectors and Paramilitary Forces, if any).
- (j) Availability of adequate infrastructure (List of machines and their production capacities) and technical expertise.
- (k) List of Testing and Support equipment's
- (l) ISO/ ISI certification or any other certification
- (m) Relevant clearances form the authorities/ ministries (if any)
- (n) Capacity and capability to undertake developmental work and to accept attendant financial and commercial risks.
- (o) Capacity/capability to market the product through the marketing network, sales and service network, reliability to maintain confidentiality.
- (p) PESO and DPIIT license for explosive handling if ToT is for high energy Material, explosives, propellants, and component/ system dealing with it etc.
- (q) Under taking form company seeking ToT that none of its Directors, Independent Directors, non-executive Directors, Key management personnel are involved in any corrupt practices, unfair means and illegal activities.
- (r) Details of the industrials license for defence manufacturing be provided by the industry seeking ToTs.

Application cum Industry Assessment Form

PART-1

General Information

(Please enclose documents in support of information provided)

1. **Name of the Technology requested for Technology Transfer
(Technology name and concerned Lab, Category)**
2. **Name of the industry/ organization**
3. **Complete Address and other details
Registered Office**

State
Phone No
Fax
Email
Website
Factory

State
Phone No
Fax
Email
Website
4. **Point of Contact**
Name
Designation
Address
Mobile No
Ph No
Email ID
5. **NAME OF CMD/ MD /PARTNERS/ PROPRIETOR/ etc**
Name
Designation
Address
Mobile No
Ph No
Email ID
6. **Date of Incorporation of company**
7. **Foreign Direct Investment in company (if any in %)**
8. **Shareholding pattern**
9. **Turn over as per Audited Balance Sheet for the preceding
three years.**

Year _____
Year _____
Year _____

10. **Annual budget for R&D during last three years (if any)**
Year _____
Year _____
Year _____
11. **Income Tax returns for the preceding three years period**
Year _____
Year _____
Year _____
12. **Nature of company**
DPSU, Private Limited, Public Limited, Partnership, Proprietary,
Ex- Serviceman Unit
13. **Category of industry**
Large Scale, Medium Scale, Small Scale, Micro, Startup
14. **MSME Registration No**
15. **Certificates of registration as a manufacturing unit, if any.**
16. **If Startup, DPIIT Registration No**
17. **UDYOG AADHAR No**
18. **PAN Number**
19. **Details of Industrial license for defence manufacturing issued by DPIIT (if any)**
20. **Details of PESO license (if any)**
21. **GST Number**
22. **Nature of business**
Manufacturing/ Sole Selling or Authorized Agent/ Assembler/
Traders/ Dealer/ Processor/ Repacker/ Others
23. **Details of current products and services**
Products and services Supplied (please specify Govt/ Domestic
market/ Export)
24. **Record of past performance** (e.g., Supply orders executed
against of Ministry of Defence orders, Public Sectors and
Paramilitary Forces, if any).
25. **Details of registration with**

NSIC / SSI, DGS&D, other Defence Department, other Govt. Dept, membership of FICCI/ASSOCHAM/CII or other Industrial Association

(Attach relevant copies of registration letters)

26. **Have you already taken any technology from DRDO** (If yes, give details attaching separate sheet)
Name of the Technology, Lab, Year, License number & Status
27. **ISO/ ISI certification or any other certification** (If yes, give details)
28. **Relevant clearances form the authorities/ ministries** (if any)
29. **Capacity and capability to undertake developmental work and to accept attendant financial and commercial risks.**
30. **Capacity/capability to market the product through the marketing network, sales and service network, reliability to maintain confidentiality.**

PART-2

Infrastructure and other Information

1. **Total area of factory**
Covered (m²),
Uncovered (m²),
Bonded space available (m²)
2. **Ownership of factory**
Self-owned, partnership, rental
3. **Electric power**
Sanctioned
Installed
Standby (if any)
4. **Availability of adequate infrastructure** (List of machines and their production capacities) and technical expertise
5. **Name of bank & A/c No**
Name of bank
A/c type
A/c no
Address of the bank
Phone: Email:
6. **Details of current products:**

Sl.no	Type	Description	Licensed/installed capacity	Annual production for preceding 3 years
.				

7. Details of foreign collaboration, if any

Sl.no	Product	Name & address of collaborator	Year	Remarks
.				

8. Details of products developed for services

Sl.no	Nomenclature of stores	Order no and date	Remarks
.			

9. Please give details of important facilities & infrastructure as per following format for:

- (a) Production
- (b) Unconventional, special m/c
- (c) Testing & quality control facilities

Sl.no	Description of m/c	Make & model	Qty	date of purchase	Remarks
.					

10. Furnish the following details with relevant certificates and documents

- (a) R&D facilities available :
- (b) Inspection quality control of raw material components :
- (c) Assistance from central agency for testing / calibration etc. :
- (d) laboratory and drawing office facility :

11. Principal customers:

Sl.no	Name & address	S.O No. & date	Date of last supply	Products supplied	Value
.					

12. Future plan (if any) in respect of expansion programme installation of additional machines/ test facilities etc.

13. Name of the technology requested for transfer (give self-assessment of your capability to absorb the technology)

14. Details of employee as on date on firm's pay roll

PERMANENT				
Category	Post Held	Number	Qualification	Total Service
Technical	Prod. Manager			

	Q.C. Manager Supervisor Testing Staff (Qc) Skilled workers Unskilled workers, etc.			
Administrative	Purchase Manager Accounts Officer Office Superintendent Clerical Others etc			

TEMPORARY				
Category	Post Held	Number	Qualification	Total Service
Technical	Prod. Manager Q.C. Manager Supervisor Testing Staff (Qc) Skilled workers Unskilled workers, etc			
Administrative	Purchase Manager Accounts Officer Office Superintendent Clerical Others, etc			

DECLARATION :

I / we confirm that the information furnished in Part 1 & 2 above is correct. In the event of any information given by me / us is found incorrect / false at any time, I / we understand our EoI for ToT will be cancelled/ rejected without notice, beside any other appropriate action against me / us.

Industry seal

Authorized signatory

Name(s) in capital
designation and seal of authorized
signatory

dated:
Place: