**QUESTIONNAIRE FOR LIMPET MINE “MARK 414” (7 KG) AND ‘MARK 430”(15 KG)**

**General Aspects**

1. Please provide details of the vendor as per Performa at Annexure.
2. Whether the company/Association of Persons (AoP) is eligible as per provisions of DPP 2016? (Eligibility of Participation: Indian vendors only).
3. Whether the vendor can provide an assessment of its capability (Financial and Technical)? If so provide the necessary documentation for verification.
4. Whether 60% Indigenous Composition (IC) can be ensured?
5. Does the vendor envisage the feasibility of achieving future exports?
6. Whether the vendor’s proposal would be eligible for Make-I or Make-II subcategory of Chapter III of DPP 2016?
7. Whether R&D of ToT through foreign collaboration is proposed by the vendor?
8. Estimated cost development in case indigenous R&D is proposed.
9. Estimated tentative time period of completion of R&D or ToT.
10. Production capacity along with envisaged timelines for local production, maintenance support and lift time support.
11. Provide description of the vendor organization in terms of research and development of Limpet mines to include the financial capability and the technical expertise.
12. Provide details regarding major successful projects / products /

technologies developed / under development involving Research & Development in the field of Underwater Mines/ Explosives.

1. Provide details of similar equipment manufactured by the vendor and

supplied in India / abroad, if any.

1. Please provide compliance to industry standards as under:-

(a) ISO 9001 : 2008/2015.

(b) ISO 27000 for information security.

15. What is the approximate indigenous content the vendor will be able to achieve? Give a breakdown of the indigenous content and the imported technology (both in terms of cost percentages).

16. What are the major components/systems/sub-systems that will be indigenously manufactured by the vendor? What will be the source of acquisition for the remaining components/systems/sub-systems(details of the source firms may be specified indicating whether the source firms are domestic/ex-import)?

17. What is the likely shelf life and service life of the equipment planned for Design & Development?

18. Does the vendor have the ability to sustain the ATGM system throughout its life cycle?

19. How will the vendor ensure continuous supply of spares for the system, especially for those components being procured ex-import, if any?

20. What are the proprietary technologies incorporated in the system being developed? Are the proprietary technologies indigenous or ex import? If ex-import, will the foreign vendor transfer the technology? Clarify the issues of Intellectual Property Rights (IPR) for the Limpet mine.

21. Does the vendor have a valid Government Industrial Licence for design, development and manufacture of Limpet mines in India?

22. Will the vendor also carry out necessary R&D for continuous technological upgradation in the future?

**Technical Aspects**

23. What do you understand by a underwater light weight mine?

24. How can you ensure the functioning of the mine underwater?

25. What are the sub-assemblies/essential components of an underwater mine?

26. What do you understand by a Mechanical timer and Electronic timer and its utility in mines.?

27. How do you ensure the explosive train in the mine?

28. How do you ensure the inbuilt safety of mine while handling, storage and transportation?

29. Are you aware of Quality Assurance Plan, Process flow Chart and Environmental tests for the ammunition stores.

30. Do you have Environmental test facilities/provisions to undertake Qualification and Acceptance tests as per the specification requirements.

31. Are you aware of various standards viz MIL, IS, BS and JSS to meet the quality requirements of the ammunition stores?

32. Are you in possession of explosive handling license?

33. What do you understand by Hand Emplaced Munitions? What safeties are necessary for handling, transportation and exploitation of such munitions?

**Annexure**

**(Reference to Para 1 of Questionnaire)**

**INFORMATION PROFORMA (INDIAN VENDORS)**

1. Name of the Vendor/Company/Firm.

(Company profile including Share Holding pattern, in brief, to be attached)

2. Type (Tick the relevant category).

Original Equipment Manufacturer (OEM) Yes/No

Authorised Vendor of foreign OEM Yes/No (attach details, if yes)

Others (give specific details)

3. Contact Details.

Postal Address:

City: \_\_\_\_\_\_\_ State / Province: \_\_\_\_\_\_\_\_\_\_\_\_

Country: \_\_\_\_\_\_\_\_\_ Pin / Zip Code: \_\_\_\_\_\_\_\_\_\_\_\_\_

Tele: \_\_\_\_\_\_\_\_\_\_\_\_ Fax: \_\_\_\_\_\_\_\_\_\_\_

URL/Web Site: \_\_\_\_\_\_\_\_

4. Local Branch/ Liaison Office / Authorized Representatives in India (if

any).

Name & Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

City: \_\_\_\_\_\_\_\_\_ Province / State: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Pin code \_\_\_\_\_\_ Tele: \_\_\_\_\_\_\_\_\_\_ Fax: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. Financial Details.

(a) Category of Industry (Large/Medium/Small Scale) : \_\_\_\_\_\_\_\_

(b) Annual turnover : \_\_\_\_\_\_\_\_\_\_\_\_\_ (in INR)

(c) Number of employees in firm : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(d) Details of manufacturing infrastructure available: \_\_\_\_\_\_\_\_\_\_\_\_

(e) Earlier contracts with Indian Ministry of Defence/ Government

agencies :

|  |  |  |
| --- | --- | --- |
| **Contract Number** | **Quantity** | **Cost** |
|  |  |  |

6. Certification by Quality Assurance Organization (if applicable).

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of Agency** | **Certification** | **Valid From** | **Valid Till** |
|  |  |  |  |

7. Details of Registration.

|  |  |  |  |
| --- | --- | --- | --- |
| **Agency** | **Registration number** | **Validity** | **Equipment** |
| DGS&D |  |  |  |
| DGQA/DGAQA/DGNAI |  |  |  |
| OFB |  |  |  |
| DRDO |  |  |  |
| Any other agency |  |  |  |

8. Membership of FICCI/ASSOCHAM/CII or other Industrial Association.

Name of Organization and Membership Number to be provided.

9. Equipment/ Product Profile (to be submitted for each product

separately).

(a) Name of Product : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(IDDM Capability be indicated against the product)

(Should be given category wise)

(b) Description (attach technical literature) :- \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(c) Whether OEM or Integrator : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(d) Name and address of Foreign collaborator (if any) : \_\_\_\_\_\_

(e) Industrial Licence Number : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(Specifically mention the items for which DIL has been accorded)

(f) If Industrial Licence for the production of the equipment not held, has the vendor applied for the same? If yes, specify the details of the application and when is it likely to be granted?

(g) Indigenous component of the product (in percentage) and value additions done by the vendor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(h) Details of Foreign Exchange (FE) content (in percentage) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(j) Status (in service/design development state): \_\_\_\_\_\_\_\_\_\_. If the equipment is in design & development state, how much time will the

vendor take to start production?

(k) What are the applicable key technologies and materials required for

manufacturing of the equipment / system / platform and the extent of their

availability or accessibility in case they are not available in India?

(l) What are the critical technologies which the vendor has taken from

their global partners, if any? Details of the foreign partner may please be

specified.

(m) Does the vendor have the capability to design, development,

manufacture, test and integrate the system?

(n) Is the complete set of the design and production drawing and

source code for all software applications/program of the equipment

available with the vendor? If yes, can they be produced for verification as

and when required?

(o) Production capacity per annum: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Is the

production capability likely to increase?

(p) In case the equipment is to be produced/integrated indigenously,

how much time will the vendor take to start production?

(q) Countries/ agencies where equipment supplied earlier (give details

of quantity supplied):

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(s) Estimated price of the equipment \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(t) What are the enhanced parameters/specifications that can be

provided by the OEM/Vendor?

10. What INCOTERMS 2010 are suitable/preferred by the vendor and for

what reasons?

11. What is the preferred mode of shipment of goods – rail, road, sea, air or

combination?

12. In view of the vendor, what should be the preferred categorization (as per

Chapter I of DPP-2016) for the procurement of the product by Indian Army?

13. Any other relevant information: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

14. Declaration. It is certified that the above information is true and any

changes will be intimated at the earliest.

(Authorized Signatory)