Tele/FAX: 011-23011239/011-23010230
Email : dsod.navy@navy.gov.in

Integrated Headquarters of
Ministry of Defence (Navy)
DSOD, 'A' Block Hutments,
Room no. 19
Dara Shukoh Road
New Delhi – 110 011

DD/2605/PUV EOD

21 Aug 2020

To **The Vendor**

REQUEST FOR INFORMATION (RFI) FOR PROCUREMENT OF PORTABLE UNDERWATER VEHICLE EXPLOSIVE ORDNANCE DISPOSAL (PUV EOD)

(19 PAGES INCLUDING ENCLOSURE)

1. The Ministry of Defence, Government of India is considering procurement of 10 (Ten) Portable Underwater Vehicle Explosive Ordnance Disposal (PUV EOD), for conduct of Explosive Ordnance Disposal (EOD) operations in harbour and at sea. Vendors are requested to forward information sought at the above mentioned address, not later than 12 Oct 2020. Any information seeking clarification on required QR's or for interaction purpose towards forwarding of your response may be sought from above mentioned address on Tele/Fax. The Project Officer is Captain Pankaj Kumar and may be contacted at above mentioned numbers.

2. The RFI consists of two parts as indicated below. **Submission of incomplete format will render the vendor liable for rejection**:-

(a) **Part I**. This includes operational requirement of the equipment and details are as placed at **Appendix 'A'**. The first part of RFI incorporates operational and technical characteristics and features of the Portable Underwater Vehicle Explosive Ordnance Disposal (PUV EOD). The response column in the tabulated sheet may be filled in by the vendor whether complying or not with the explanation and returned. Amplifications as to changes suggested, if any, may also be made.

(b) **Part II**. The second part of RFI states the methodology of seeking response of the vendors.

3. **Procurement Manual**. The procurement process for this equipment will be as per Terms and conditions of Defense Procurement Policy (DPP) 2016. However in case of revision of DPP 16 and promulgation of new Defense Acquisition Policy (DAP) 2020, the revised terms and conditions of DAP 20 will be followed.

Part I

4. **The Intended Use of Equipment (Operational Requirements)**. Portable Underwater Vehicle Explosive Ordnance Disposal (PUV EOD)) is envisaged to be used to conduct EOD operations in harbour and at sea and is meant for Mine / Improvised Explosive Device(IED) Clearance operations involving surveillance, identification and disposal .

5. Portable Underwater Vehicle Explosive Ordnance Disposal (PUV EOD) is expected to have the capabilities to meet operational parameters as indicated along with the broad qualitative requirements placed at **Appendix 'A'**.

6. **Important Parameters**. The vendors have to provide details in respect of the following important parameters:-

(a) Equipment details including indicative operational/technical parameters, dimensions and possible use of the equipment.

(b) **Approximate Cost Estimate**. The indicative cost for procurement of Portable Underwater Vehicle Explosive Ordnance Disposal (PUV EOD) with associated equipment should take into account all aspects of supply, training, Field Trials and Product Support Package. Other aspects (if any), may be mentioned specifically. The indicative cost of the Product Support Package including spares, accessories, workshop test equipment, handling gear etc is to be indicated separately. The indicative cost of Transfer of Technology is also to be included. The overall emphasis should be on maximizing Indigenous content in the project. The cost so forwarded should not include tax/custom duty component. The taxes/ custom duties are to be indicated separately.

(c) Whether the equipment is in use by any other Navy/ offered for use by other Governmental/ Non-Governmental agencies within India and if so, unit price (with taxes/ custom duties indicated separately) and year in which it was supplied. The difference between these versions of equipment and the equipment presently being offered may also be highlighted.

(d) Feasibility / willingness to conduct Field Evaluation Trials (FET) in India. Modalities for conduct of Field Evaluation Trials (FET) to be included. Response to include suggested trial methodology and parameters for which evaluation can be done through simulation/certification/documentation/demonstration etc during the FET.

(e) Manpower required for operating and maintaining the equipment as well as modalities of imparting training to operators. Details of the training aids (hardware & software), models, cutouts, etc which will be used during training is also to be indicated.

(f) Willingness for Option clause including the duration for which the option clause would be valid. Vendor is to clearly indicate the provisions and terms of Option clause.

(g) Whether the vendor would be able to comply with all provisions of Defence Procurement Procedures (DPP) 2016 or not? If not, which Para / clause of DPP 16 would not be agreed to with reasons. Further, there might be requirement to comply with provisions, as revised by DAP 20.

(h) Vendor may consider RFI as advance information to obtain requisite government clearances. The restrictions related to exports in country of origin, if any, and how long it will take to get clearance as applicable is to be indicated. Restrictions, if any, for end use, may also be included.

(j) **Tentative Delivery Schedule**. The overall timeframe of production and delivery, with stage wise break-up of the entire project post signing of contract is to be submitted.

(k) **Payment Terms**. Vendor is to indicate acceptability to the terms of payment as per DPP 16.

(l) Provisions for upgradability of equipment to avoid system obsolescence.

(m) Willingness to supply details of firing mechanism including electronic safety etc. in the explosive charges. Any reservations in this regard are to be indicated separately. Cost of supplying these details is also to be indicated separately.

(n) Clearly indicate the details of agency holding Intellectual Property Right (IPR) for various hardware and software components of equipment/associated accessories along with OEMs for manufacture of major assemblies, if any.

(p) If the proposed item is in development stage? If yes, all details of development activities completed and the future plans along with the timelines for trials and bulk production are to be indicated.

(q) Percentage of Indigenous Content(IC) of the equipment is to be given.

(r) Details of MRLS (OBS and B & D spares) list to be provided.

(s) The details of compliance or conformity of the equipment or its sub-assemblies to various Industry or Military standards related to operation and safety (ISI, CE, EN, MIL Specs, IT related, Underwater Magnetic or Acoustic standards etc for Underwater Vehicles) to be provided.

7. In addition to above, the vendors are to confirm that the following conditions are acceptable:-

(a) The solicitation of offers will be as per 'Single Stage – Two Bid System'. It would imply that a 'Request for Proposal' would be issued soliciting the technical and commercial offers together, but in two separate sealed envelopes. The validity of commercial offer would be at least 18 months from the date of submission of offers.

(b) The technical offers would be evaluated by a Technical Evaluation Committee (TEC) to check its compliance with RFP.

(c) The equipment of all TEC cleared vendors would be put through a 'Field Evaluation Trial' in India/abroad on a "No Cost No Commitment (NCNC)' basis. A staff evaluation would be carried out by Indian Service Head Quarter (SHQ) to analyze the result of field evaluation and shortlist the equipment for introduction into service. Towards this, the participating vendors are to forward a list of equipment that would be made available for NCNC trials.

(d) Vendors are to confirm feasibility of NCNC trials of proposed equipment in India/abroad, in exact configuration as proposed in response to the RFI. Alternatively, the difference between various configurations and their consequent costs may be highlighted. Vendor may clarify proposed platform (naval/non-naval platforms, demonstrations of equipment already fitted on any non-*IN* platform, etc) and venue (India/abroad) for conduct of FET.

(e) Amongst the vendors, cleared by Staff evaluation, a Commercial Negotiation Committee would decide the lowest acceptable offer (L1 vendor) and conclude the approved contract.

(f) Vendor would be bound to provide product support for time period specified in the RFP, which includes spares and maintenance / product support package.

(g) Vendor is to accept all conditions of DPP 16 (including financial terms), if not, which Para/clause of DPP 16 is not acceptable is to be indicated. Further, the vendor would be required to accept the general conditions of contract given in DPP 16.

(h) **Integrity Pact**. An integrity pact along with appropriate Bank Guarantee is a mandatory requirement.

(j) **Performance / Warranty Bonds**. A Performance-cum-Warranty Bond of 5% of contract value would be furnished by the Seller in the form of a Bank Guarantee. Foreign Bidders will submit the Bond from First class Bank of International repute for which bank details are to be furnished in the commercial offer. In case of Indian bidders, the bond is required to be furnished from a Public / Private sector bank authorized to conduct government business.

(k) **Transfer of Technology (ToT)**. Feasibility of license production of equipment after acquiring ToT. Vendor is to indicate willingness to provide ToT (know how and know why) along with scope of ToT that can be provided in each area along with Budgetary Quote item wise is to be indicated.

(l) **Transfer of Production (ToP)**. Willingness to provide ToP {including setting up facility for manufacture of PUV EOD component in India, procurement order specifications for Commercially Off the Shelf (COTS), tools/ Jigs, Quality Assurance/Quality Checks etc., supply of proprietary jigs/ fixtures as required, manufacturing drawings, QA/QC procedures, procurement order specification for raw material / components etc} as required and training of Indian Production Agency (PA) personnel in all aspects of manufacturing process and supervision during initial start up of manufacturing by way of on job training and mentoring at nominated Indian PA is to be provided.

Note: BQ and timelines for the Transfer of Technology and Transfer of Production is to be separately indicated.

(m) All vendors are to submit an undertaking that in the past the vendor has never been banned/debarred from doing business dealing with MoD / GoI or any other Govt Organization.

Part – II

8. Procedure for Response:-

(a) Vendors (Indian /Foreign) must fill the form of response as per the enclosed format placed at **Appendix 'B'** for Indian vendors and **Appendix 'C'** for foreign vendors. In addition to the contents mentioned at Part I and apart from filling details about the company, details of the exact product meeting our generic technical specifications should also be carefully filled. Additional literature on the product may also be attached with the form.

(b) Vendors must fill the form as given in **Appendix 'D'** to enable Vendor Analysis prior issue of RFP.

(c) The filled form of response should be dispatched to the address mentioned below:-

Integrated Headquarters of Ministry of Defence (Navy) /
Dte of Special Operations and Diving,
Room no. 26'A' Block Hutments,
Dara Shukoh Road, New Delhi – 110 011
Fax : +91-11-23010230, Tel: +91-11-23011239
Email : dsod.navy@navy.gov.in

(d) The last date of acceptance of filled form is 12 Oct 2020. The Vendors shortlisted for issue of RFP would be intimated.

9. The Government of India invites responses to this request only from Original equipment Manufacturers (OEM)/ Authorised Vendors/ Government Sponsored Export Agencies (applicable in the case of countries where domestic laws do not permit direct export by OEMs). The end user of the equipment is the Indian Navy.

10. This information is being issued with no financial commitment and Ministry of Defence reserves the right to change or vary any part thereof at any stage. The Government of India also reserves the right to withdraw RFI or RFP, should it be so necessary, at any stage.

11. The acquisition process would be carried out under the provisions of DPP 16. However, in case of revision and following up by DAP 20, the provisions of DAP 20 would also apply.

(VS Rawat)
Commodore
Cmde (Special Ops & Diving)

Appendix A
(Refers to Para 4)

PRELIMINARY STAFF QUALITATIVE REQUIREMENTS FOR PORTABLE UNDERWATER VEHICLE EXPLOSIVE ORDNANCE DISPOSAL (PUV EOD)

1.	Sponsor	:	Directorate of Special Ops and Diving
2.	Reference No.	:	DD/2605/PUV EOD
3.	Nomenclature	:	Portable Underwater Vehicle Explosive Ordnance Disposal (PUV EOD)
4.	Security Classification	:	Unclassified
5.	Priority	:	Immediate
6.	Validity of QR	:	Every five years, or as on required basis

SECTION A – INTRODUCTION

7. Portable Underwater Vehicle Explosive Ordnance Disposal (PUV EOD) is meant for meeting roles at sea and in harbour to undertake survey, detection, identification and classification of submerged bottom objects as Mine/ Mine Like Objects (MLO) in underwater condition and also enable deploying and remotely firing of Explosive/ Shaped charge for Mine disposal role. The system would be a "two man" portable robotic underwater vehicle, capable of moving through and manoeuvre in the water in three dimensions by a propulsion system and its associated surface controls for the complete operation. The main control console for operating PUV EOD is to be portable for positioning in RHIB/Craft and secondary control console for positioning in Ashore/Afloat control station for Command team (Range NLT 3000 Mtrs). The entire system would be packaged in suitable container for safe stowage of all components, easy mobility (Sea/Air/Land) and also function as Command platform (Ashore/Afloat) during operation.

SECTION B – TECHNICAL PARAMETERS

8. **Operational Capabilities**. PUV EOD shall perform the following operational tasks at sea and in harbour: -

(a) Surveillance, localization and Identification of Mines/ MLOs (-25 db Target Strength) in harbour waters and at sea, for operating on surface and from very shallow waters i.e. 05 mtrs depths up to depth of 75 mtrs.

(b) Sonar for navigation, search and obstacle avoidance.

(c) Underwater camera with light for detection, identification, obstacle avoidance, and to assist in classification of Mine/MLO.

(d) High frequency Sonar to cater for poor/nil visibility conditions, as a replacement of underwater camera and with capability to perform reliable target identification.

(e) Operator assisted and computer aided Classification / identification of mines using data received from all sensors at control station (Portable / Fixed).

(f) Detection/ Identification of underwater objects greater than 0.5 Sq Mtrs

(g) EOD Command station in Container (Ashore/Afloat).

(h) Remote operation of PUV EOD to deploy and detonate U/W Shaped charges (Up to 10 Lbs charge weight) remotely from Command Station

9. **Design Features**. PUV EOD should be capable of being launched/ recovered from the RHIBs or Inflatable craft, complying to Def Stan 02-617 and/or STANAG 1364/ Equivalent standards towards maintaining low acoustic and magnetic signature. The equipment are to comply with IHO standards S 44 for detection payloads and IMO standards for safety of navigation. The system shall have the following features:-

(a) Sensor miniaturization in order to provide complete package of visual and acoustic sensors.

(b) Hydrodynamic design capable of being steered remotely from a Command and Control console (placed either on board RHIB or in the container (Ashore/Afloat)) for achieving maneuverability, data transfer, stand-off ranges, speed and extended endurance.

(c) Controlling and monitoring of all the system functions and commands should be by means of one single modular multi-function console with video image, SONAR images, navigational data, diagnostics and functional data.

(d) Safe, easy and quick deployment and recovery

(e) Comprehensive automatic BITE for high system availability, high MTBF and low MTTR

(f) Secured Command Control System and firing system.

(g) Launch and Recovery System from RHIB/craft.

(h) Propulsion means (Thruster, Propeller, Rudders and fins) with automatic and manual navigation controls.

10. **System Composition**. Each PUV EOD should be equipped with the sensors/payload in the following composition:-

(a) **Underwater Vehicle**. The vehicle shall be equipped with:-

(i) Search/ Navigation Sonar.

(ii) Underwater Video Camera with light for visual identification and classification of Mines in good visibility

(iii) High resolution, High Frequency sonar for identification and classification of mines in poor/nil visibility.

(iv) Echo Sounder / Depth sensor

(v) Doppler Velocity Log

(vi) Multi-function Manipulator Arm

(vii) Integrated secured firing system for shaped charge up to 10 lbs weight

(b) **Portable Control Console**. A multi-function portable console, for controlling / piloting of the vehicle and all its functions including of the payloads, from the RHIB/ craft or from Command centre.

(c) **Command Console**. A multi function console for acting as EOD Command centre and with provision of following facilities:-

(i) Command display on LED/LCD screen with all associated hardware, electronic components along with integrated ECDIS

(ii) Communication link facility of range NLT 3000 mtrs between Command console and portable console

(iii) Display of feed of all sensors of vehicle for target evaluation, tactical scenario and analysis by Command.

(iv) Functional controls of the vehicle and all the payloads.

(v) Capability to read and display data from multiple sources viz CD/USB/ Bluetooth/ WIFI / other electronic means.

(d) **Stowage Container**. Transportable container of suitable size, confirming to International standards, for stowage of the system and to act as Command platform during operations. It is to be Air-conditioned and equipped with facilities to ensure safe stowage during transportation and operations.

(e) Shaped Charges (1 Lb to 10 Lbs charges) or as per OEM design

(f) Power supply system for Vehicle, Control and Command console

(g) All required spares, test equipment, tools and documents.

11. **Dimensions of PUV EOD** .

(a) Length - Not more than 02 m

(b) Width/Diameter -Not more than 0.50 m

(c) Weight in Air - Not more than 90 Kg (inclusive of payload)

(d) Buoyancy Slight Positively buoyant(less than 1 kg)

12. **Dynamics**.

(a) Speed Range- Variable speeds to a max speed of NLT 04 Kn

(b) Max Op Depth - NLT 60 metres

(c) Range of Salinity - Between 1.000 - 1.032 g/cm^3

(d) Sea State Up to Sea State 3

(e) Endurance - NLT 04 h at 04 Kn in nil current condition.

13. **Stability**. The system should be stable in all ranges of dynamics

14. **Propulsion System**. PUV EOD should work either on electric supply through tether or onboard batteries using propeller/ thrusters optimised for high hydrodynamic manoeuvrability and low stealth signatures (Acoustic and Magnetic).

15. **Manoeuvrability & Navigation**. The vehicle should be controllable, for freedom of operating in all three dimensions.

16. **Power Requirements**. PUV EOD power supply should be through an onboard battery or through tethered cable, proven on sea going platforms and safe for use on manned platforms.

17. **Positioning System**. System should Navigation System, Pressure/Depth sensors and Ultra Short Base Line/ Inverted Ultra Short Base Line (USBL/IUSBL) acoustic positioning or GPS from control platform.

18. **Safety and Recovery Aids**. Safety of the vehicle be ensured by providing an inbuilt health monitoring system, fault detection, pressure, current and voltage sensors. The vehicle is to be equipped with indication mechanism to enable ascent when 80 % of the power is consumed. Additionally, vehicle should have flashing strobe light on vehicle body (of minimum 36 hrs endurance), water ingress detection sensors and GPS system or satellite beacon for indicating position whilst on surface.

19. **Command and Control**. Command and Control System for mission planning must comprise of a ruggedized portable MIL Grade console for placement ashore or afloat. The control station is to be similarly portable for placement in RHIB/craft for controlling the operation of PAUV. Equivalent hardware and software for both the Command and Control systems to cater for mission planning, initialisation of vehicle, status presentation, interactive command, control and communication

20. **Power Management**. All components requiring power supply to be compatible for power supply of 220V/ 440 V AC, 50 Hz for mains / charging of batteries. In case of system having batteries, it should have rechargeable pressure tolerant battery pack with battery charger system

21. **Environmental Conditions.** PAUV system should be capable of operating under the following Environmental Conditions:-

(a) Ambient Temperature Range - -10 ^{0}C to 45^{o} C

(b) Water temperature Range - + 4^{0}C to 35^{o} C

(c) Sea State - Up to Sea State 3 (Three)

(d) Currents - Up to 2 Knots (Surface & Underwater)

(e) Underwater visibility Nil / 0 mtrs in turbid waters

22. **Controls**. Vehicle should have following, for its control in water:-

(a) Remote Control through Umbilical Cable and radio link.

(b) Onboard Control Console for monitoring and controlling the Vehicle movement in water, sensor parameters and operating its various payloads.

(c) Auto Pilot capable of programming trajectory (in speed, depth and heading) for automatic control and movement of the Vehicle.

(d) Main control console should provide the functionalities for Video Camera, SONAR, Payloads, Control including firing mechanisms and Vehicle Controls for maneuvering from Command/ Portable control console.

23. **Hardware**. The hardware, associated components for functioning of the vehicle, onboard command and control system, communication systems, sensors must have adequate processing power/ internal memory to operate properly.

24. **Software**. The software for operation, communication, calibration, maintenance and integration with payloads supplied must have license subscription of at least 10 years. The data generated by the software of individual system / equipment must be compatible with each other for mission planning and execution.

25. **Handling System**. PUV EOD is to be provided with an onboard handling, recovery and stowage system comprising of Suitable launch/recovery mechanism and onboard stowage/maintenance cradle.

26. **Stowage**. The Stowage of complete PUV EOD system including all sub-components and accessories is to be provided in a suitable size container to enable quick deployment and safe transportation.

27. **Service Life**. The Vehicle including all its assemblies and components should have service life of 12-15 years.

28. **Environmental Parameters**. It should be able to withstand tropical and marine environmental conditions and therefore be compliant to Environmental tests (ETs) in accordance with JSS 55555:2012 (Rev 3) for Indian suppliers and MIL STD 810G or equivalent for imported equipment.

29. **Quality Parameters**. Environmental parameters applicable (Confirming to MIL Std 810-F or its equivalent International Standards) are to be qualified as per JS 55555 and details as follows:-

Sr	Parameter	Standard
(a)	EMI/EMC	Equipment should be compliant to MIL STD 461 E/F
(b)	Ingress Protection Rating	Equipment should be compliant to IP rating 68 as per IEC 60529:2001 and Rated up to 300 mtrs.
(c)	Software Development	Certification / methodology adopted for development of software (ISO 9000-3 or equivalent standard) to be furnished.
(d)	MTBF /MTTR	At least 1000 hours of MTBF and less than 5 hours for MTTR.

Appendix 'B'
{Refers to Para 8(a)}

INFORMATION PROFORMA (INDIAN VENDORS)

1. **Name, Address and Unique ID (if any) of the Vendor/Company/Firm**. _____(Company profile, in brief, to be attached. In the eventuality of the firm emerging as L1, Contract will be concluded in the **name and address** of the firm, as indicated here).Vendors are to submit an undertaking that any subsequent proposal for change in name of firm or address, will be intimated to IHQ MoD (N) at the first available opportunity and supporting documents be furnished within five working days of approval by relevant competent authority.

2. **Type (Tick the relevant category)**

Original Equipment Manufacturer (OEM): Yes/No

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

Others (give specific details) _____

3. **Contact Details**.

Postal Address: _____

City : _____ State : _____

Pin Code: _____ Tele : _____

Fax : _____ URL/ Web Site : _____

Email : _____

4. **Local branch/ Liaison Office in Delhi (if any)**.

Name & Address : _____

Pin Code: _____ Tel: _____ Fax: _____ Email: _____

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 : _____

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

Contract Number	Equipment	Quantity	Cost

6. **Certification by Quality Assurance Organisation**.

Name of Agency	Certification	Applicable from (Date & Year)	Valid till (Date & Year)

7. **Details of Registration**.

Agency	Registration No.	Validity (Date)	Equipment
DGS&D			
DGQA/ DGAQA/ DGNAI			
OFB			
DRDO			
Any other Government Agency			

8. **Membership of FICCI/ASSOCHAM/CII or other Industrial Associations**.

Name of Organisation : _____

Membership Number : _____

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

(a) Name of Product :_____

(Should be given category wise for e.g all products under night vision devices to be mentioned together)

(b) Description (attach technical literature): _____

(c) Whether OEM or Integrator: _____

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

(e) Industrial Licence Number: _____

(f) Indigenous component of the product (in percentage): _____

(g) Status (in service/design & development stage): _____

(h) Production capacity per annum: _____

(j) Countries/agencies where equipment supplied earlier (give details of quantity supplied): _____

(k) Estimated price of the equipment: _____

10. Alternatives for meeting the objectives of the equipment set forth in the RFI.

11. Any other relevant information : _____

12. **Declaration**.

(a) It is certified that the above information is true and any changes will be intimated within five (05) working days of occurrence.

(b) It is certified that design and development is indigenous and belongs to the _____(Vendor) and/or _____(its Indian Sub Vendor). The indigenous content in the said equipment is_____% as on date and is likely to be raised to ___% by_____(date). The certification for the same is enclosed.

(c) It is certified that the complete set of design and production drawings are available and source code for all software applications/ programmes are also available with the _____(Vendor) and that these would be produced for verification when required.

***Note**: Certification for 12(b) and 12(c) is required only if claiming IDDM category.*

(d) It is certified that in the past that _____(name of the firm) has never been banned/ debarred for doing business dealings with MoD/ GoI/ any other Government organization and that there is no inquiry going on by CBI/ ED/any other Government agency against the firm.

***Note**: Para 44 and Appendix F of Chapter II of DPP 16 may be referred*

(Authorised Signatory)

Appendix 'C'
{Refers to Para 8(a)}

INFORMATION PROFORMA (FOREIGN VENDORS)

1. **Name, Address and Unique ID (if any) of the Vendor/Company/Firm**. _____(Company profile, in brief, to be attached. In the eventuality of the firm emerging as L1, Contract will be concluded in the **name and address** of the firm, as indicated here).Vendors are to submit an undertaking that any subsequent proposal for change in name of firm or address, will be intimated to IHQ MoD (N) at the first available opportunity and supporting documents be furnished within five working days of approval by relevant competent authority

2. **Type (Tick the relevant category)**

Original Equipment Manufacturer (OEM): Yes/No

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

Others (give specific details) _____

3. **Contact Details**.

Postal Address : _____

City : _____ Province : _____

Country: _____ Pin/Zip Code: _____

Tele : _____ Fax: _____

URL/ Web Site : _____ Email : _____

4. **Local branch/ Liaison Office / Authorised Representatives, in India (if any)**.

Name & Address: _____

City: _____ Province:_____

Pin Code: _____Tel: _____Fax: _____

Email: _____

5. **Financial Details**

(a) Annual turnover : _____ USD

(b) Number of employees in firm : _____

(c) Details of manufacturing infrastructure available: _____

(d) Earlier contracts with Indian Ministry of Defence/ Government agencies:

Agency	Contract Number	Equipment	Quantity	Cost

6. **Certification by Quality Assurance Organisation (if applicable)**.

Name of Agency	Certification	Applicable from (Date & Year)	Valid till (Date & Year)

7. **Equipment/ Product Profile (to be submitted for each product separately)**.

(a) Name of Product :_____

(Should be given category wise for e.g all products under night vision devices to be mentioned together)

(b) Description (attach technical literature): _____

(c) Whether OEM or Integrator: _____

(d) Status (in service/design & development stage): _____

(e) Production capacity per annum: _____

(f) Countries where equipment is in service: _____

(g) Whether export clearance is required from respective Government: ____

(h) Any collaboration / joint venture/ co-production/ authorized dealer with Indian industry (give details):

Name & Address : _____

Tel : _____

Fax: _____

(j) Estimated price of the equipment: _____

8. Alternatives for meeting the objectives of the equipment set forth in the RFI.

9. Any other relevant information : _____

10. **Declaration**.

(a) It is certified that the above information is true and any changes will be intimated within five (05) working days of occurrence.

(b) The ____(name of the firm) has never been banned/ debarred for doing business dealings with MoD/ GoI/ any other Government organization and that there is no inquiry going on by CBI/ ED/any other Government agency against the firm.

Note: *Para 44 and Appendix F of Chapter II of DPP 16 may be referred*

(Authorised Signatory)

Appendix D
{Refers Para 8(b)}

CRITERIA FOR VENDOR SELECTION/ PRE QUALIFICATION

1. **Technical Parameters**.

   (a) Number of years of experience to manufacte same/ similar product.

   (b) Details of manufacturing infrastructure for manufacturing the equipment.

   (c) Quality Plan maintained by Vendor.

   (d) Details of certification by Quality Assurance Agencies.

   (e) Industrial License details at the time of submission of bid.

   (f) Annual production capacity and capability to increase the production capacity to meet the delivery schedule requirements of Services

2. **Financial Parameters**.

   (a) **Turnover.** Turnover of Rs_____ Crs in last three years.

   (b) **Capital Assets**. Capital Assets of _____.

   (c) **Profit**. Profit/ Loss in last three years.

   (d) **Tax Return**.Copy of Income Tax Return filed during last three years.

3. **Additional Parameters**. In addition, information on credentials and status of the entity/Vendor may be obtained covering the following:-

   (a) Projects/supply orders successfully executed in last five years.

   (b) Annual reports of last five years.

   (c) Shareholder information.

   (d) Details of promoters, associated, allied and JV companies.

   (e) Details of vigilance action viz ongoing investigation and suspension/ debarment/ blacklisting actions against the company, if any.

4. **Undertaking**. Prospective Vendors must submit an undertaking that information provided by them is correct.