

**REQUEST FOR INFORMATION (RFI) FOR CONSTRUCTION OF
LPD CLASS OF SHIPS FOR INDIAN NAVY**

1. The Ministry of Defence, Government of India, intends to acquire Landing Platform Dock (LPD) class of ships for the Indian Navy under Buy and Make (Indian) category as amplified in Defence Procurement Procedure (DPP) 2011.
2. This Request for Information (RFI) consists of two parts as indicated below:-
 - (a) Part I. The first part of the RFI incorporates operational characteristics and features that should be met by the LPDs. Few important technical parameters of the proposed ships are also mentioned.
 - (b) Part II. The second part of the RFI states the methodology of seeking response of Shipyards. Submission of incomplete response format may render the Shipyard liable for rejection.

PART-I

3. **The Intended Use of LPDs (Operational Requirements).** These are specified in the brief Requirements placed at **Appendix A** of this document.
4. **Buy and Make (Indian)' Procedure.** In accordance with the provisions of 'Buy and Make (Indian)' procedure, a Capability Definition Document (CDD) would be forwarded to Indian Shipyards, short listed based on RFI responses. The Indian Shipyards, in turn would forward a Detailed Project Proposal outlining the road map for development of design and construction of the ships. The Detailed Project Proposal, thereafter, would be examined by a Project Appraisal Committee (PAC) constituted by the Acquisition Wing of MoD to verify credentials of foreign partner together with confirming acceptability of joint venture of the shipyard with the foreign collaborator.
5. **Important Technical Parameters.** These are specified in the brief requirements placed at **Appendix A** of this document. Detailed specifications will be given in the Request for Proposal (RFP) which will be issued to Indian shipyards after verifying their credentials and capabilities to build the ships indigenously with own infrastructural resources based on the assessment of Detailed Project Proposal by the PAC and as highlighted vide para 4 above.
6. Shipyard should confirm that 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 offers would be at least 18 months from the date of submitting of offers.

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

(c) Amongst the Shipyards cleared by TEC, a Contract Negotiations Committee (CNC) would decide the lowest cost bidder (L1) and conclude the appropriate contract.

(d) The Shipyard would be bound to provide product support for the time period specified in the RFP, which includes spares and maintenance tools/jigs/fixtures/documentation for training for field and component level repairs.

(e) The vendor would be required to accept the general conditions of contract given in the Standard Contract Document at **Chapter V of DPP 2011** placed on **www.mod.nic.in**.

(f) **Offset Clause**. Implementation of Offset provisions will be required as applicable in accordance with **Appendix D of Chapter I of DPP-11**.

(g) **Integrity Pact (if applicable)**. An integrity pact along with appropriate EMD will be required if applicable in the instant case (refer **Annexure I to Appendix H of schedule I of Chapter I of DPP-11**).

(h) **Performance-cum-Warranty Bond**. A Performance-cum-Warranty Bond equal to 5% value of the contract is required to be submitted after signing of the contract.

(j) **ToT (If applicable)**. In accordance with the provision of Buy & Make (Indian) procedure.

PART-II

7. **Procedure for Response**.

(a) Shipyard must fill the form of response, as applicable, as given in **Appendix B (Appendix E of Chapter I of DPP-11)** and **Appendix C** of this document. Apart from filling details about Shipyard, following details about the exact vessel meeting the mentioned Operational/ Technical specifications (**Appendix A**) are to be submitted:-

(i) Feasibility to build the LPDs with the enclosed specifications (**Appendix A**). Any modification to the specifications can be suggested by the Shipyard with suitable justification.

(ii) Budgetary quotes with break up of cost.

(iii) Build Period

(iv) Experience in Building similar vessels along with client details.

(v) MOU, if any, with respect to design aspects

(b) The filled form should be dispatched at under mentioned address: -

The Principal Director of Ship Production
Directorate of Ship Production
IHQ-MoD(N), D-II Wing, Sena Bhavan, New Delhi 110011.

Tele: 0091-11-23010758

Fax : 0091-11-23010803 / 23010142

E-Mail: dsp-navy@nic.in, dspdspdsp@rediffmail.com

(c) Last date of acceptance of filled forms along with details sought is **07 Mar 2011**. The Shipyards short listed for issue of RFP would be intimated.

8. The Government of India invites responses to this request only from Indian Shipyards, having their own infrastructure and capability of building LPD class of ships. The end user of the LPDs is the Indian Navy.

9. This information is being issued with no financial commitment and the 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 it, should it be so necessary at any stage. The acquisition process would be carried out under the provisions of **DPP 2011**.

Appendix A

OPERATIONAL / TECHNICAL SPECIFICATIONS FOR LPD

1. The Indian Navy seeks information from prospective Indian ship builders for design and construction of Landing Platform Dock (LPD) class of ships. The ships would be constructed in India under Buy and Make (Indian) categorization as amplified in Defence Procurement Procedure (DPP) 2011.
2. The design of basic hull form, propulsion machinery and major equipment except the weapon and sensors fit, should be derived from a proven world class design of an LPD of similar dimensions. The details of proposed classification society and class notation are also to be provided. In case the design is being bought, the shipyard should have an MOU with the designer for construction of LPD at the time of submission of tenders. The design would be vetted by IHQ, MoD (N), at the time of technical evaluation of tenders.
3. The broad specifications of the ship are as follows:-
 - (a) The length of the ship would be approx 200 m. Breadth is to be commensurate with the length and tonnage of the ship.
 - (b) The draught of the ship is not to exceed 08 m.
 - (c) The ship is expected to have an endurance of 45 days.
 - (d) The ship is to have Diesel-Electric propulsion in either of the following configuration:-
 - (i) Twin shaft configuration, with twin rudders and Fixed Pitch Propellers or,
 - (ii) Shock graded podded propulsion.
 - (e) The ship is to have a suitable well deck for amphibious operations. The ship would carry amphibious crafts like LCMs or LCACs and LCVPs on davits and should have capability to launch these crafts when underway.
 - (f) The ship is expected to have a carriage of combat vehicles on one or more vehicle deck. This area should be adequate to embark Main Battle Tank (MBT), AAVs/BMP Class armoured vehicles and heavy trucks.
 - (g) The ship would be equipped with a Point Defence Missile System, Close In Weapon System, Anti Torpedo Decoy system, Chaff System and HMGs/ LMGs. In addition, ship would have one E/ F band combined air and surface surveillance radar and one C/D band air surveillance radar. All of these would be buyer nominated equipment.
 - (h) The ship is expected to carry army troops in addition to ship crew.

(j) The ship should have capability of simultaneous operation by day/night of Special Operation Helicopters and Large Helicopters (upto 35 tons).

4. **Construction.** The construction must be undertaken employing modern Build Strategy allowing for integrated construction to derive benefits of high degree of pre-outfitting at block level to facilitate very short build period.

5. **Contract.** All terms and conditions of the contract will be in accordance with the latest Defence Procurement Procedure DPP- 2011 that is available on the MoD www.mod.nic.in.

6. The following information is required from shipyards:-

(a) Proposed time frame for construction of ships, in terms of number of years for the delivery of vessels

(b) Capabilities of the shipyard to undertake this project, both in terms of capacity building and past experience in constructing vessels of similar size and tonnage.

(c) Capacity for ship design and equipment integration.

(d) Possible tie-ups with foreign shipyards, if any.

INFORMATION PROFORMA
(INDIAN VENDORS)

1. **Name of the Vendor/Company/Firm/Shipyard**

(Company profile, in brief, to be attached).

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

Original Equipment Manufacturer (OEM) - Yes/No

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

Others (give specific details) _____

3. **Contact Details**

Postal Address: _____

City: _____ State: _____

Pin Code: _____ Tele: _____

Fax: _____ URL/Web Site: _____

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

Name & Address _____

Pin Code: _____ Tele: _____ Fax: _____

5. **Financial Details**

(a) Category of Industry (Large/medium/small Scale): _____

(b) Annual turn over: _____ (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			
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): _____

10. Any other relevant information: _____

INFORMATION PROFORMA
(FOREIGN VENDORS)

1. **Name of the Vendor/Company/Firm.**

(Company profile, in brief, to be attached)

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

Original Equipment Manufacturer (OEM) Yes/No

Government sponsored Export Agency Yes/No (Details of registration
to be provided)

Authorised Vendor of OEM Yes/No (attach details)

Others (give specific details) _____

3. **Contact Details.**

Postal Address: _____

City: _____ Province: _____

Country: _____ Pin/Zip Code: _____

Tele: _____ Fax: _____

URL/Web Site: _____

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

Name & Address: _____

City: _____ Province: _____

Pin code: _____ Tel: _____ Fax: _____

5. **Financial Details.**

- (a) Annual turn over: _____ 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 FRBs 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/ authorised dealer with Indian Industry (give details):
Name & Address: _____
Tel: _____ Fax: _____

8. **Any other relevant information.**_____

Appendix C

ADDITIONAL INFORMATION PROFORMA
(INDIAN / FOREIGN SHIPYARDS)

1	YEAR ESTABLISHED							
2	TYPE OF ORGANISATION SIZE/CLASSIFICATION OF YARD							
3	ORGANISATION SETUP AND AVAILABILITY OF SKILLED MANPOWER							
4	DETAILS OF DESIGN, PLANNING AND PRODUCTION FACILITIES/ INFRASTRUCTURE INCLUDING SLIPWAYS/DRYDOCKS AND WET BASIN/WATER FRONT (ATTACH BROCHURES)							
5	ANNUAL BUILD CAPACITY (IN TONNAGE)							
6	DETAILS OF FUTURE EXPANSION AND BUSINESS DEVELOPMENT PLANNED							
7	VESSELS DELIVERED IN LAST 05 YEARS. (ATTACH PREVIOUS ORDER COPIES FOR LANDING PLATFORM DOCK (LPD) / SIMILAR VESSELS ONLY)							
	YARD NO	CUSTOMER	TYPE OF VESSEL	DWT, GRT	ORDER DATE	START PRODUCTION	CONTRACTUAL DELIVERY	ACTUAL DELIVERY
8	ORDERS IN HAND (ATTACH ORDER COPIES FOR SIMILAR LPDs ONLY)							
	YARD NO	CUSTOMER	TYPE OF VESSEL	DWT, GRT	ORDER DATE	START PRODUCTION	% COMPLETED	EXPECTED DELIVERY
9	FINANCIAL INFORMATION (IN INR FOR INDIAN VENDORS AND IN US DOLLARS FOR FOREIGN VENDORS)							
	(A)	ANNUAL TURNOVER IN THE LAST THREE FINANCIAL YEARS (YEAR WISE)						
	(B)	PROFITS MADE						
	(C)	NET WORTH =EQUITY+RESERVES						
	(D)	DEBT/EQUITY RATIO						
	(E)	QUICK RATIO=(CURRENT ASSETS LONG TERM DEBTS)/CURRENT LIABILITIES						
	(F)	ATTACH COPIES OF CERTIFIED PUBLISHED ANNUAL REPORT SHOWING TURNOVER AND FINANCIAL STATUS IN SUPPORT OF ABOVE INFORMATION.						
10	DETAILED SPECIFICATIONS OF THE LANDING PLATFORM DOCK (LPD) OFFERED TO MEET THE SPECIFIED REQUIREMENTS AND BUILD PERIOD FROM DATE OF ORDER							
11	DETAILED SPECIFICATIONS OF COMMERCIALY OFF THE SHELF (COTS) LANDING PLATFORM DOCK (LPD) IF AVAILABLE FOR OUTRIGHT PURCHASE, IF ANY.							

