



MAZAGON DOCK SHIPBUILDERS LIMITED, MUMBAI



INDIGENISATION, VENDOR DEVELOPMENT & PROCUREMENT PROCEDURE



SCHEME OF PRESENTATION



Introduction

Product Portfolio

Projects in Hand

Indigenisation

Vendor Development

Procurement Procedure





INTRODUCTION



 Inception	1774
 Taken over by Govt. of India	1960
 Commissioning of 1 st Frigate 'INS Nilgiri'	1972
 Diversified into Offshore Business	1974
 Commenced Submarine construction	1984
 ISO Certification for Shipbuilding & Repair	1998
 Upgraded to Schedule 'A' Company	2000
 Awarded Mini – Ratna Status	2006
 ISO Certification for Submarine Division	2010





PRODUCT PORTFOLIO



Inception
1774



Public Limited Company
1934



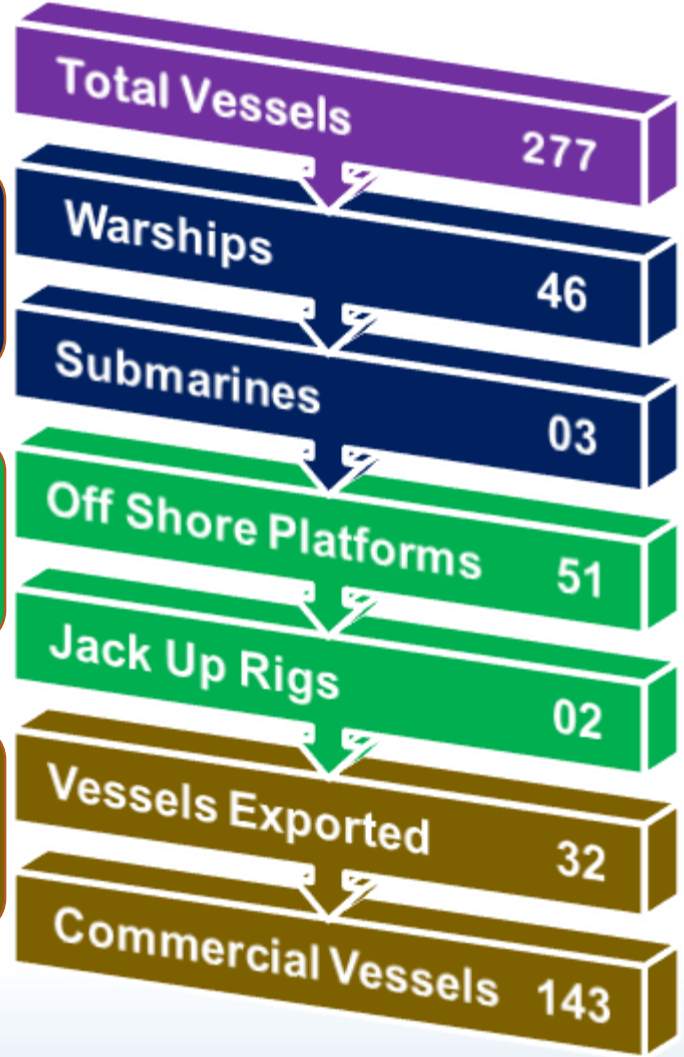
GOI took over as PSU
1960

- Lead Shipyard for major surface combatants (Destroyers & Frigates)
- Only Shipyard capable of building conventional submarines
- Only Shipyard possessing two independent Submarine assembly & launch lines

DEFENCE

ENERGY

COMMERCIAL





PRODUCT PORTFOLIO



Missile Boats
(2 Nos)



Delhi Class
Destroyers
(3 Nos)



Scorpene
Submarine
(1 No)



Corvettes
(2 Nos)



Corvette
(1 No)



Kolkata Class
Destroyers
(3 Nos)



Godavari Class
Frigates
(3 Nos)



Missile Boats
(2 Nos)



Shivalik Class
Frigates
(3 Nos)



Leander Class
Frigates
(6 Nos)

1972-1982



SSK Class
Submarine
(1 No)

1983-1993



SSK Class
Submarine
(1 No)

1994-2004

2005-2018





OTHER CRAFTS AND PLATFORMS





PROJECTS IN HAND

Division	Project	Description	Customer	Nos.
Ship Building	P15B	Missile Destroyers	Indian Navy	4
	P17A	Stealth Frigates	Indian Navy	4
Submarine Building	P75	Scorpene Class Submarines	Indian Navy	6 [#]
Total				13

BOAT-1 (INS KALVARI) DELIVERED ON 21 SEPT '17 & COMMISSIONED ON 14 DEC '17





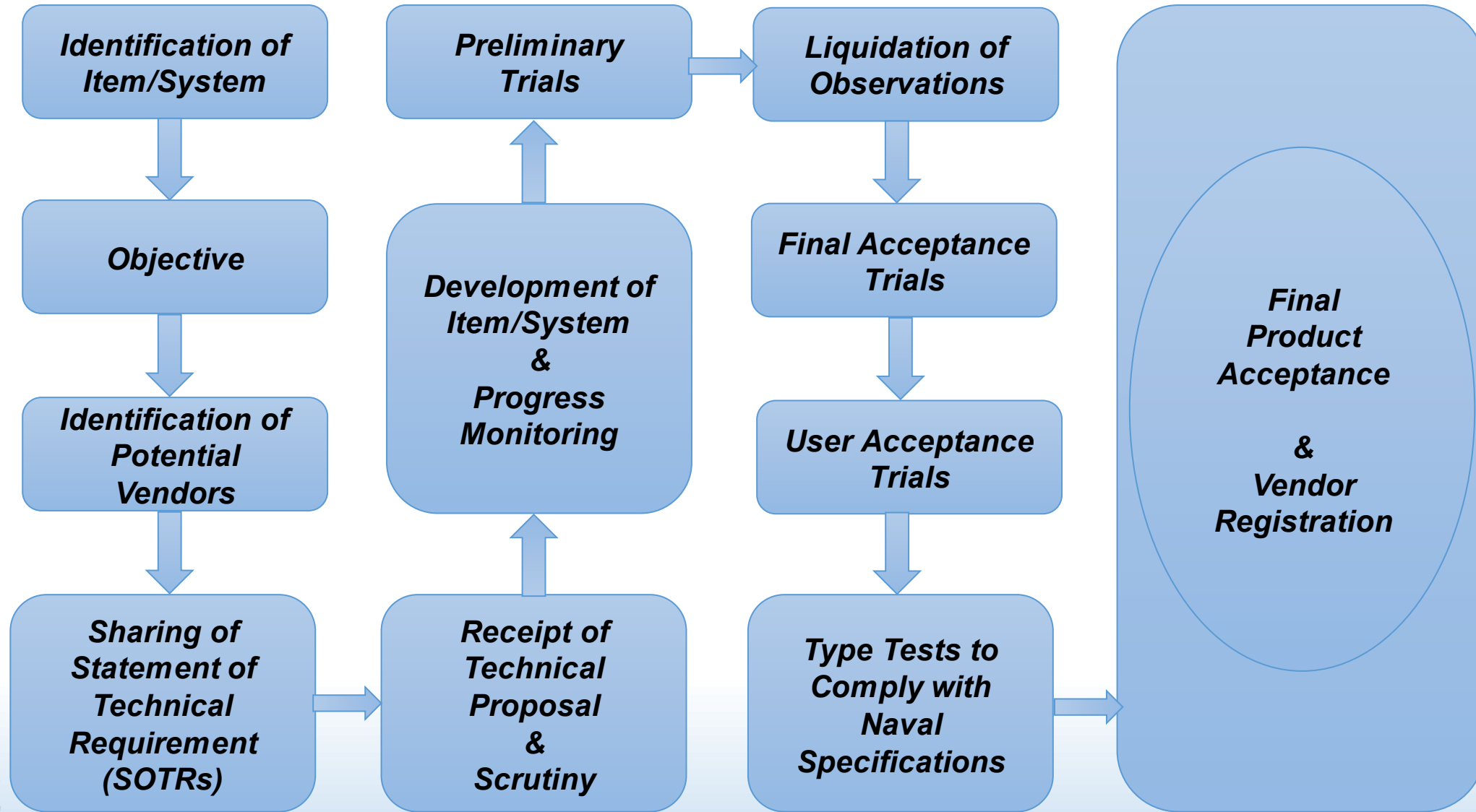
□ Indigenisation Department set-up :- Oct 2015.

- **Develop Indigenous Vendors for Items/Equipment that still continue to be Imported.**
- **Develop Additional Vendors for items/Equipment where there is only one source OR performance is not up to the mark.**
- **Find Import Substitute for critical items.**





INDIGENISATION PROCESS





- **Indigenisation Programme uploaded on MDL Website.**
www.mazagondock.in



Make In India

Contents on Website

- **Status of Indigenisation.**
- **Indigenisation Process.**
- **Equipment/Items planned for Indigenisation.**
- **Nodal Officer for Indigenisation.**





ASSISTANCE PROVIDED TO VENDORS/AGENCY

- **Explaining the exact scope of work to the vendors/suppliers including visits onboard ships and submarines for clear understanding of the environment in which the equipment/items are required to operate.**
- **Explaining the technical requirements/specifications in detail.**
- **Providing the available copies of various applicable specifications/standards for manufacturing/production.**





ASSISTANCE PROVIDED TO VENDORS/AGENCY

- **Assistance during design, preparation of drawings & QAP finalisation.**
- **Scrutiny of drawings & QAP and onward submission to customers.**
- **Obtaining comments/feedback from the customer on drawings/QAP and getting them approved.**
- **Helping in locating available facilities for conduct of different Type Tests.**






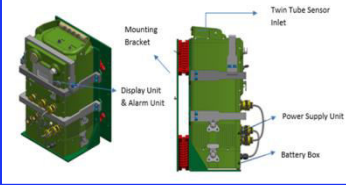

ASSISTANCE PROVIDED TO VENDORS/AGENCY

- **Coordinating with external and internal trial agencies to get the time slot as per the prototype development schedule for testing.**
- **Witness type test, functional & operational tests along with accepting authorities and provide inputs as necessary.**
- **Any other assistance as and when required.**









MAJOR ITEMS / SYSTEMS INDIGENISED

S. No.	Description	Earlier Source of Import	Indigenised By	Photographs
1.	Sonar Dome	M/s Atlas, Germany	M/s Kineco, Goa	
2.	SICADS	M/s Smiths Detection, UK	M/s L&T(SEC), Bengaluru & DRDE Gwalior	
3.	Bridge Window Glass	M/s Saint Gobain, Spain	M/s Jeet & Jeet Glass, Jaipur	







MAJOR ITEMS / SYSTEMS INDIGENISED

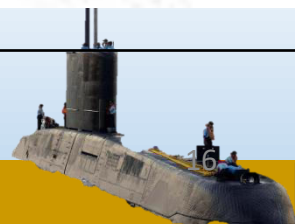
S. No.	Description	Earlier Source of Import	Indigenised By	Photographs
4.	MCT Glands	M/s Roxtec, Sweden.	M/s Wallmax, Faridabad.	 
5.	Remote Controlled Valves	M/s Thompson Valves, UK.	M/s DelVal, Pune.	
6.	Main Batteries for Scorpene Submarines	M/s Hagen Batteries, Germany.	M/s Exide Industries Ltd., Mumbai.	







MAJOR ITEMS UNDER INDIGENISATION

S No	Item Description	Brief Specification / Feature	Approx. Qty required	Imported From	Photograph
1	VENTILATION FANS (For HVAC SYSTEM)	1. Type /Construction- Centrifugal / Axial 1. Capacity /Air Flow Quality 2000-12000 Cu.M/Hr 3. Noise & Vibration Sound Level < 70db at 1 Metre distance	100-150 Nos/Ship	M/s Johnson Controls, UK and M/s IMTECH, Germany.	
2	SMOKE EXTRACTION FANS (HVAC SYSTEM)	1. Type /Construction Axial 2. Capacity /Air Flow 4000-6000 Cu.M/Hr @ 150 mm of WG 3. Noise & Vibration Sound Level < 75db at 1 Metre distance	30-40 Nos/Ship.	M/s Axima, France, M/s Johnson Controls, UK and M/s IMTECH, Germany.	








MAJOR ITEMS UNDER INDIGENISATION

S No	Item Description	Brief Specification / Feature	Approx. Qty required	Imported From	Photograph
3	SMOKE EXTRACTION HOSES	<ol style="list-style-type: none">1. Function Removal of High Temperature Smoke2. Sizes Diameter 300 mm / Length 6 Mtrs3. End Connectors Metallic Quick Coupling	20-22 Nos. per Ship.	M/s Axima, France, M/s Johnson Controls, UK and M/s IMTECH, Germany.	
4	Contemporary Fire Fighting Systems	(On Request)	01 Nos Per ship	M/s ROSOBORON EXPORT RUSSIA	





MAJOR ITEMS UNDER INDIGENISATION

S No	Item Description	Brief Specification / Feature	Approx. Qty required	Imported From	Photograph
5	RAS (Replenishment At Sea) ITEMS	<ol style="list-style-type: none">1. Function Replenishment of Fuel, Water and any other material from one moving vessel to another2. Double Prope Receiver & Hanger As per NATO No. 2040-01-113-56863. Quick Release Coupling MKII Female 6" Dia for Fuel As per NATO No. 4720-00-933-1454	one set per ship.	M/s AM Defence, UK and M/s Gold Ring , UK.	
6	OILY WATER SEPARATOR	<ol style="list-style-type: none">1. Function Separation of oil from the bilge water2. Capacity 5 TPH3. Components 15 ppm Bilge Separator, 15 ppm Bilge Alarm, Bilge Pump and Control & Monitoring instruments	2 nos per Ship	M/s Victor Marine Ltd	 




MAJOR ITEMS UNDER INDIGENISATION

S No	Item Description	Brief Specification / Feature	Approx. Qty required	Imported From	Photograph
7	Sacrificial Zinc Anode Steel Flanges	Two types of Sacrificial Zinc anode Steel Flanges :- (a) Operating Pressure 35 bar (b) Operating Pressure 13 bar Flange Body Material. (a) Non alloy steel S355 K2G3 (b) Non alloy steel S355 K2+N	115 Nos. per Boat.	M/s Metrocontrol, Spain	
8	Static Frequency Converter	a) 60 KVA, 115V, 60 HZ, 3 Phase Size 1700x600x800 MM Weight <770 Kg b) 5 KVA, 115V, 400 HZ, 3 Phase , Size 670x550x600 MM Weight <165 Kg	4 Nos per Boat. (2 Types)	M/s DCNS, France.	



MAJOR ITEMS UNDER INDIGENISATION

S No	Item Description	Brief Specification / Feature	Approx. Qty required	Imported From	Photograph
9	Battery Monitoring System	Hardware Units and software units	01sets/ ship	M/s Devellec, France.	



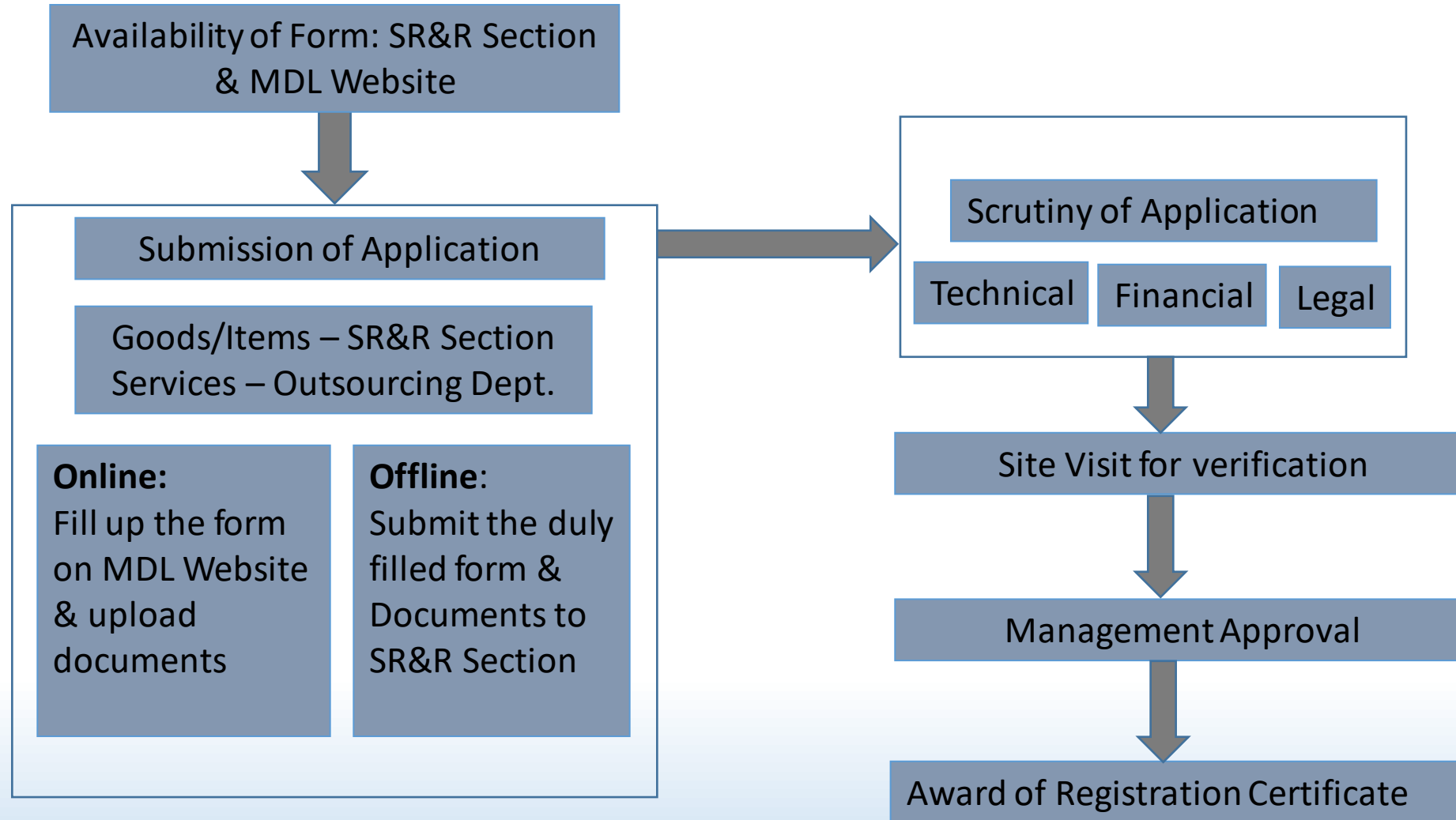


VENDOR REGISTRATION





VENDOR REGISTRATION-PROCESS





ONLINE VENDOR REGISTRATION



Mazagon Dock Shipbuilders Limited

(Formerly known as: Mazagon Dock Limited)

CIN : U35100MH1934GOI002079

(Ministry of Defence, A Govt. of India Undertaking)

SHIP BUILDER TO THE NATION

Online Recruitment

Online Vendor Registration

MDL E-Procurement

Online Payment



Feedback



Enquiry



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Vigilance

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CSR & SD

Start-up India

Careers

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Tenders

Vendor



**Raksha Mantri's Award for Excellence 2014-15, by
Honible RM, Shri Arun Jaitley**





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Mazagon Dock Shipbuilders Limited

MAZAGON DOCK SHIPBUILDERS LIMITED

ऑनलाइन वेंडर पंजीकरण / Online Vendor Registration

New Vendor

Renew Vendor

Existing Vendor

मुझे पंजीकृत करें / Register Me



ONLINE VENDOR REGISTRATION



Mazagon Dock Shipbuilders Limited
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SHIP BUILDER TO THE NATION

Mazagon Dock Shipbuilders Limited

सहायता हेतु कृपया आपूर्तिकर्ता संबंध एवं पंजीकरण अनुभाग में संपर्क करें. दूरभाष सं: 022-23763057, 022-23763253/23740665

For Help Please Contact at Supplier Relations & Registration Section, Ph.No.: 022-23763057 / 23763253 / 23740665

ऑनलाइन वेंडर पंजीकरण / Online Vendor Registration

सभी स्थानों को भरना अनिवार्य है। / All fields are mandatory.

पंजीकरण / Registration

दस्तावेजी प्रमाण के अनुसार कंपनी का नाम / Company name as per the documentary proof.

कंपनी का नाम / Company Name

वेंडर का प्रकार / Vendor Type

चुने / Nature of Business

लॉगइन आईडी के लिए ईमेल पता दें। उदाहरण: xyz@company.in

(वैध ईमेल आईडी लिखने में ध्यान दें। यह सूचना गोपनीय रखी जाएगी। पंजीकरण के पश्चात लॉगइन आईडी में परिवर्तन नहीं किया जाएगा।)

Enter email address for login id. eg:xyz@company.in

(Care may be taken to enter valid e-mail ID. This information will be kept confidential. The login ID cannot be modified once registered.)

ईमेल आईडी / Email Id

पासवर्ड 8 से 20 कैरेक्टर के बीच में हो।

पासवर्ड में कैरेक्टर और नंबरों का मिश्रण होना चाहिए।

पासवर्ड में कोई स्पेशल कैरेक्टर न हो।

Password must be between 8 to 20 characters.





ONLINE VENDOR REGISTRATION



Mazagon Dock Shipbuilders Limited
(Formerly known as Mazagon Dock Limited)
CIN: U35100MH1934G004932079
(Ministry of Defense & Govt. of India Undertaking)
SHIP BUILDER TO THE NATION

Mazagon Dock Shipbuilders Limited

सहायता हेतु कृपया आपूर्तिकर्ता संबंध एवं पंजीकरण अनुभाग में संपर्क करें. दूरभाष सं. 022-23763057, 022-23763253/23740665

For Help Please Contact at Supplier Relations & Registration Section, Ph.No.: 022-23763057 / 23763253 / 23740665

ऑनलाइन वेंडर पंजीकरण / Online Vendor Registration

लॉगिन / Login

निश्चित कर लें कि आपकी ब्राउज़र हिस्ट्री इरेज्ड और रिफ्रेशेड किया गया है। / Kindly make sure that your Browser History has been erased and refreshed.

ईमेल आईडी / Email Id

पासवर्ड / Password

वेरीफिकेशन कोड / Verification Code :

(केस सेंसिटिव / Case Sensitive)

लॉगइन / Login

[पासवर्ड भूल गए / Forgot Password?](#)

india.gov.in
The national portal of India





ONLINE VENDOR REGISTRATION



महागणतन्त्र भारत सरकार
(एनएलए, भारत सरकार का उपक्रम)
MAZAGON DOCK SHIPBUILDERS LIMITED
(A Govt. of India Undertaking)
CIN: U29100WB1984PLC000007
SHIP BUILDER TO THE NATION

- DASHBOARD
- REGISTRATION / PROFILE
- TRACK BILLS
- CHANGE PASSWORD
- CONTACT US
- LOGOUT

- Step 1 Organization Information
- Step 2 Legal Information
- Step 3 Financial Information
- Step 4 Original Documents

Company / Firm Details

Vendor Name **ABC PVT. LTD.**

Vendor Type **Indigenous Vendor**

DPSU / Renew Registered Vendor Yes No

Nature of Business **Manufacturer**

Type of Company **Private Limited Company**

Names of Directors * **AKSHAY PATIL**

Date of commencement of business * **27/04/1993**

Product of supply for which registration Sought * **PUMP**

MSME Registered Yes No





- Five major Purchase orders executed in last three years with proof of execution
- Bank details with copy of cancelled cheque
- Audited Accounts of last three years with copy of Income Tax Returns
- Statutory documents such as Factory License, PAN No. ,TIN no., Shop and Establishment Certificate (as applicable)
- Partnership Deed (For Partnership firms)
- Certificate of Incorporation and Memorandum & Article of Association (For Limited firms)
- DPSU registered bidders: PAN Card, GST registration, Bank details





BENEFITS OF REGISTRATION WITH MDL



- Issuance of Limited tenders
- Tender Intimation
- No charges for supplier registration form
- No Registration/ Renewal Fee
- Exemption from payment of EMD for the Tender of items for which they are registered
- Relaxation in submission of certain Pre-Qualification Documents of the Tender viz. Shop & Establishment Certificate, Audited Balance Sheet, P&L A/c Statement etc.





“Supplier Relation & Registration Section”
4th floor, Mogul House, South Yard
Mazagon Dock Shipbuilders Ltd.
Dockyard Road Mumbai – 400010

Contact Person : Shri Md. Iqbal Tanveer, CM (SR&R)

Tele : 022-23782989 /022-23740665

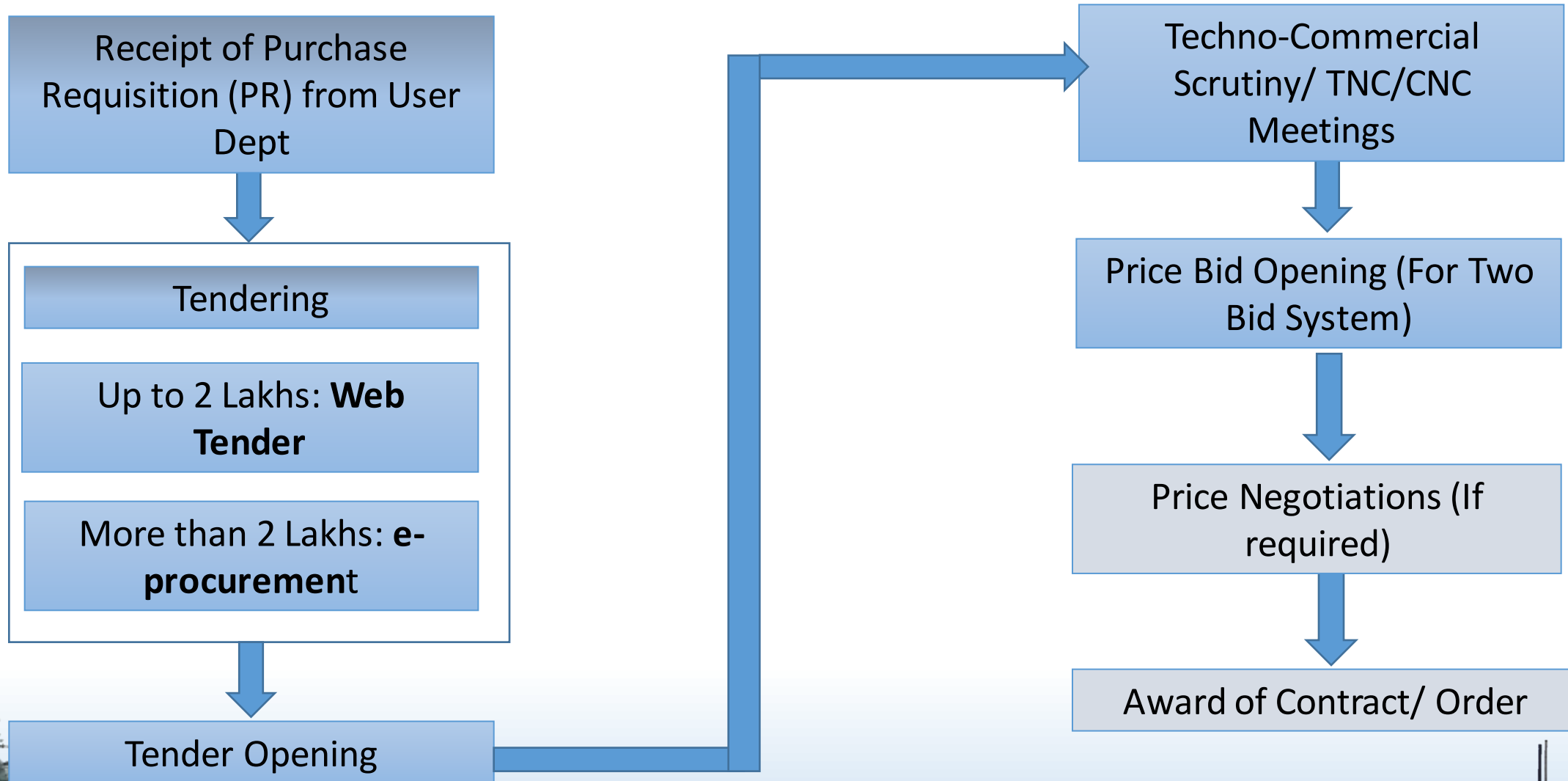
Fax : 022-23738151

Email : mtiqbal@mazdock.com





PURCHASE PROCEDURE





- Exclusive Purchase from MSEs for 358 Items, of which 84 items along with its annual procurement plan has been uploaded on MDL website.
- Reservation of 20% Tender Quantity to MSEs within L1+15% bracket & agreeing to match L1 rate
- Exemption from submission of EMD
- Provision of Advance Payment & payments through TReDS.
- Reduction in payment time from 25-30 days to 15-20 days





MDL E-PROCUREMENT PORTAL



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Mazagon Dock Shipbuilders Limited
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SHIP BUILDER TO THE NATION

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STACS / Format | E - Procurement Portal | Ship Building - Material Purchase | Ship Building - Project Management | Ship Building - Outsourcing | EY-Submarine | Technical Services | Infra Projects | Management Development Center | Estate | IT Procurement

MDL E-Procurement Portal

MDL E-procurement Portal (For Tenders Published On / After 2nd May 2016)

Website: <http://eprocuremdl.nic.in>

Help Line: 0120-4200462, 0120-4001002

Mobile No.: 91-8826246593

Email ID: eproc-support@gov.in

MDL E-procurement Portal (For Tenders Published Till 30th April 2016)

Website: <https://mdleproc.in>

Help Line: +91-22-66865600, +91-22-66865610

Email ID: mdlsupport@ctindia.com

Page last updated on 27/04/2016

11:34 AM 19/10/2016



Mazagon Dock Shipbuilders Limited
eProcurement Portal
 (A Government of India Undertaking)

04-Oct-2017

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eProcurement System for PSUs under MoD



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Welcome to eProcurement System

The eProcurement System of Ministry of Defence enables the Tenderers to download the Tender Schedule free of cost and then submit the bids online through this portal.

Latest Tenders

Tender Title	Reference No	Closing Date	Bid Opening Date
01. WORKS UNDER PIPE LAYING located at Dockyard Road Sewree Anik Chembur Gavan Residential Quarters at Dockyard and Navi Mumbai including works at Naval Dockyard	1800000048	08-Nov-2017 02:30 PM	10-Nov-2017 02:30 PM
2. MODERNISATION OF MDL			
Latest Tenders updates every 15 mins.			More...

Latest Corrigendums

Corrigendum Title	Reference No	Closing Date	Bid Opening Date
5. EXTENSION OF TENDER CLOSING DATE	EY/CD/VM/1200001265	06-Oct-2017 03:00 PM	06-Oct-2017 04:00 PM
6. CORRIGENDUM V	GM(M)/CPS/2000006749	31-Oct-2017 02:00 PM	31-Oct-2017 04:00 PM
7. EXTENSION OF TENDER CLOSING DATE	EY/CD/VSS/MU31A/P75/1200001266	06-Oct-2017 12:00 PM	06-Oct-2017 03:00 PM
Latest Corrigendum updates every 15 mins.			More...

Certifying Agency



User Login

Login ID *

Password *

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Search with ID/Title/Reference no

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THANK YOU

