### **CONTENTS**

#### APPLICATION FORMAT

- FORMAT OF LETTER OF APPLICATION
- 2. INSTRUCTIONS TO APPLICANTS
- 3. DESCRIPTION OF WORKS BEING CARRIED OUT ON VESSELS IN THE TRUSTEES DOCKS (for which Issue of Permit to carry out specialised jobs on board the vessels in Trustees' Dock Berth Nos. 1 to 4, 9 to 24 of Indira Dock, BPS, BPX, Stream & Anchorages for the year 2020-2021 is granted by MbPT)
- 4. \*APPLICABLE CHARGES
- 5. FORMAT OF ELIGIBILITY CRITERIA
- 6. FORMAT OF BANKER'S SOLVENCY CERTIFICATE
- 7. FORM OF UNDERTAKING GENERAL (FOR ALL SHIP REPAIRERS)
- 8. FORMAT OF INDEMNITY BOND

MUMBAI PORT TRUST MECHANICAL AND ELECTRICAL ENGINEERING DEPARTMENT NIRMAN BHAVAN, 5<sup>TH</sup> FLOOR, N.V. NAKHWA MARG, MAZGAON, MUMBAI - 400 010 Ph: 6656 6509 / 6540

FAX: 2374 4277

MbPT Website: www.mumbaiport.gov.in

EMAIL ADDRESS: meed\_flotilla@mbptmail.com

Cost of each Application Form – Rs.1155/-

Note: - PART -B (Information Brochure) is attached. Only for Fresh Registration.

Registration and Job activity fees payable as per revised rates, from time to time with effect from the date of commencement of annual registration period to the full Permit to carry out specialised jobs on board the vessels in Trustees' Dock Berth Nos. 1 to 4, 9 to 24 of Indira Dock, BPS, BPX, Stream & Anchorages from 01.04.2020 to 31.03.2021.

### FORMAT OF LETTER OF APPLICATION

To

Date:

Mumb Nirma N. V. I Mazga	nief Mechanical Engi ai Port Trust, n Bhavan, 5 <sup>th</sup> Floor, Nakhwa Marg, on, ai - 400 010.	neer,			
Sir(s)					
	spe 24	ecialised jo of Indira D	r Mumbai Port Trust(MbPT) Issubs on board the vessels in Trust Dock, BPS, BPX, Stream & Arbor the year 2020-21.	stees' Dock Berth Nos. 1 t	*
1.	Being duly authoriz	ed to repres	sent and act on behalf of * here	inafter called "the Applicant	 " and
_	reviewed and fully uligible Applicant for	ınderstood a	all the enclosed information provi	ded, the undersigned hereby	applies
		Job		Sr.No.	
a)					
b) c)					
d)					
e) f)					
g)					
2.1	a) Office Address Whether Owned Rented.	OR			
	b) Workshop/Godo Whether Owned Rented.		ss:		
	c) Land Line Num	ber	:		
	d) Cell (Mobile) N	umber	:		
	e) Fax Number		÷		
	f) email address		:		
	g) Aadhar No. of o	wner/s	:	(copy end	closed)
NOTE	ii) Rent receipt C iii) If rented, agre iv) For new applic Deed/Leave L	R Society rement valid cants and if	land line Telephone OR Electricismaintenance receipt (Notarised collupto(Office) & there is change in tenancy in case tement/MOU and Rent Receipt, p	ppy) (Workshop, e of renewals, Notarised Sale	
2.2			artnership/ Ownership/ Private Lt y change from last year for renew		mitted for

<sup>\*</sup> Here name of the applicant (Firm/Company) shall be typed

- 2.6 Receipt of payment for Application for Permit to carry out specialised jobs on board the vessels in Trustees' Dock Berth Nos. 1 to 4, 9 to 24 of Indira Dock, BPS, BPX, Stream &

Anchorages from 01.04.2020 to 31.03.2021, permit fee as per Applicants requirement.

- 2.7 Bank Solvency Certificate necessarily from a nationalized/reputed scheduled Bank as per the eligibility criteria and as per the job activity requirement.
- 2.8 List of all permanent employees (Engineers, Staff, Supervisors) with their qualifications, age and no. of years of service.
- 3. Permit to carry out specialised jobs on board the vessels in Trustees' Dock Berth Nos. 1 to 4, 9 to 24 of Indira Dock, BPS, BPX, Stream & Anchorages from 01.04.2020 to 31.03.2021 holders for Hull **and Stern Gear** Works should necessarily have a qualified Marine Engineer (Person who at least has served as 2<sup>nd</sup> Engineer in Merchant Navy or equivalent post in Indian Navy) with the firm or at least as a regular consultant who will be overall responsible for the important jobs being carried out inside Trustees Docks including safety aspects involved in the jobs undertaken.
- 3. Report of any accidents that have taken place during the last 2 years in any of the works executed by the firm.
- 5. This Application form duly stamped, signed on each document of the Application form wherever indicated be returned in original along with the form of Undertaking, Eligibility Criteria forms and all other documents of the Application form documents duly filled in, Stamped and signed and with all supporting documents enclosed. The format of declaration of rates shall be duly filled in and enclosed. At the time of Submission of Application form these rates shall be available on the eligible Applicant's web site for all those who have a website. For all those who do not have a web site, they shall immediately host one and ensure that this data is posted. Applications are liable for rejection if this is not enclosed as per requirement or not made available on the Applicants web site during the tenure of the Permit period within three months from date of issue of the Permit.
- 6. MbPT and its authorized representatives are hereby authorized to scrutinize the Application form and all its enclosures as well as to conduct any inquiries or investigations to verify the statements, documents and information submitted in connection with this Application and to seek clarification from Bankers and clients regarding any technical, financial aspects etc.
- 7. This Letter of Application will also serve as an authorization to any individual or authorized representative of any Institution referred to in the supporting information, to provide such information deemed necessary and requested by MbPT to verify statements and information provided in this Application, or with regard to the resources, experience and competence of the Applicant.
- 8. MbPT and its authorized representatives may contact the following persons for further information.

Gener Inquir	<i>C</i> ,	Criteria		
Conta	ect Person - 1		Telephone	Website/ e-mail:
Conta	act Person - 2		Telephone	Website/ e-mail:

- 9. This application is made in the full understanding that applications received from desirous and interested applicants will be subjected to verification and all information submitted for the purpose of being qualified to receive MbPT's Permit to carry out specialised jobs on board the vessels in Trustees' Dock Berth Nos. 1 to 4, 9 to 24 of Indira Dock, BPS, BPX, Stream & Anchorages from 01.04.2020 to 31.03.2021 as per the description of works carried out at the time of submitting the application.
- 10. We understand that Mb.P.T reserves the right to –

Amend the scope and value of the eligibility criteria under this application; In such an event, revise criteria will be issued to all the applicants who have purchased the application forms; and

Reject or accept any application, cancel the permit and reject all applications.

MbPT will not be liable for any such actions as above and will be under no obligation to inform the Applicant of the grounds on which such actions have been taken.

- 11. The undersigned confirms that the Applicant meets all the eligibility criteria requirements as indicated in this application form.
- 12. The undersigned declares that the statements made and the information provided in application are complete, true and correct in every detail.
- 13. We hereby declare that there is no change in the information provided in the application for 2017-18 on which the permit was issued to us.

  OR

We hereby also declare that Wherever changes are there from information provided in year 2017-18, supporting documents for changes have been enclosed.

14. We hereby declare that we are completely responsible for abiding all the laws, rules and regulations, acts, etc. passed by government from time to time as regards labour (permanent and contractual) welfare, wages, E.P.F., E.S.I.S. etc.

We further indemnify the Board of Trustees of the Port of Mumbai for any claims/compensation which may arise in future towards the liability of payment of salaries and wages, E.P.F., E.S.I.S. etc. to the labours engaged by us for executing the work allotted by the agents/owners of the ship in MbPT's harbour/docks.

We further undertake that we are fully responsible for any accident or damage and financial, legal settlement thereof occurs in Mb.P.T. premises.

15. The firms/contractors should submit an Indemnity Bond indemnifying MbPT i.e. Mumbai Port Trust from any loss/damage to the assets of MbPT.

Signed	Signed
Name	Name
For and On Behalf of (Name of Applicant)	For and On Behalf of (Name of Applicant's Partner/ Witness) Aadhar No.

Enclosures: All the documents as listed above and as requested for in this Application Form along with this Application form in original duly stamped and signed.

(letter head paper of the Applicant may necessarily include full postal address, telephone No. Fax No., Mobile No., e-mail and web site address)

## <u>APPLICATION FOR PERMIT TO CARRY OUT SPECIALISED JOBS ON BOARD THE</u> VESSELS IN TRUSTEES' DOCKS AT BERTH NOS. 1 TO 4, 9 TO 24 OF INDIRA DOCK, BPS, BPX, STREAM & ANCHORAGES

#### INSTRUCTIONS TO APPLICANTS

#### **GENERAL**

- 1. The Board of Trustees of the Port of Mumbai hereinafter referred to as "The Trustees" or the "Board" or "Mb.P.T" intends to call for applications from desirous and interested applicants who wish to provide Wet Dock/ Anchorage (stream) repair services to agents/ owners of vessels who have been allotted Mb.P.T Permit for survey/repairs of their vessels in Mb.P.T's Wet Docks in accordance with the "Description of works carried out on vessels".
- 2. MbPT accordingly intends to qualify and permit all those desirous and interested applicants who meet the minimum requirements of the eligibility criteria for each Financial Year.
- 3. Application form is open to all firms/ contractors who are in this business. The firms/contractors shall down load the application form from the Mb.P.T. website www.mumbaiport.gov.in
- 4. The firms/contractors pay the cost of booklet Rs.1155/-(Rs.1100/- cost of booklet + Rs. 55/- GST) through POS or Demand Draft in favour of "THE BOARD OF TRUSTEES OF THE PORT OF MUMBAI" payable at Mumbai. and submit a proof of payment at the time of submitting the application form.
- 5. The Application form for renewal as well as for new case in original duly filled in, enclosing all the relevant documents in as hardbound file duly marked "Original" and clearly superscripted "Application for Permit to carry out specialised jobs on board the Vessels in Trustee's Docks Berth Nos. 1 to 4, 9 to 24 of Indira Dock, BPS & BPX Specialized Permission, should be submitted in Mechanical and Electrical Engineering Department, 5<sup>th</sup> Floor, Nirman Bhavan between 11.00 am. to 1.00 pm. and 2.30 pm. to 4.00 pm. on all week days except for 2<sup>nd</sup> and 4<sup>th</sup> Saturdays, Sundays and Holidays. Also, observations/shortfalls in the submitted applications intimated to the authorised persons/representative of the ship repairing firms but are not comply with shortfalls indicated to them within two weeks of intimation may result in for forfeit their claim for the renewal of Permit to carry out specialised jobs on board the Vessels in Trustee's Docks Berth Nos. 1 to 4, 9 to 24 of Indira Dock, BPS & BPX.
- 6. All eligible Applicants shall pay the necessary applicable charges as indicated for Permit to carry out specialised jobs on board the vessels in Trustees' Dock Berth Nos. 1 to 4, 9 to 24 of Indira Dock, BPS, BPX, Stream & Anchorages in advance and submit a proof of payment along with the Application form at the time of submission. Only those Applicants who are qualified by MbPT shall be informed in writing for receiving the Permit to carry out specialised jobs on board the vessels in Trustees' Dock Berth Nos. 1 to 4, 9 to 24 of Indira Dock, BPS, BPX, Stream & Anchorages. Non-qualifying/ Rejected Applicants will be refunded on request, the paid up charges except the Application fees. All payments shall be made through POS or Demand Draft in favour of "THE BOARD OF TRUSTEES OF THE PORT OF MUMBAI" payable at Mumbai
- 7. The file containing the Application must be submitted in person to the Senior Assistant, Flotilla Section and shall be addressed to:

Mechanical and Electrical Engineering Department Mumbai Port Trust, 5<sup>th</sup> Floor, Nirman Bhavan, N. V. Nakhwa Marg, Mazgaon, Mumbai - 400 010.

8. The Applicant shall ensure that submission of his Application form is duly recorded in the register maintained with the Senior Assistant, Dry Dock Section, Nirman Bhavan and the Applicant shall sign in the register as proof of his submission and note down the Serial No. of his Application as recorded. MbPT will not be held responsible for non delivery/non-receipt of Application if sent by Registered Post/Courier, etc.

- 9. MbPT reserves the right to accept or reject any or all the applications. Any adverse reports during previous year in any of the Dry Dock cleanliness registers maintained by the Superintending Engineer, Dry Docks for non removal of all waste material/garbage/ muck/ silt/ dirt/ waste material entering the Wet Dock working areas will automatically disqualify the Applicant and accordingly his Application will not be considered.
- 10. The name, mailing address and contact details such as telephone/mobile /Fax Nos./ e- mail/ Web Home page address of the Applicant shall be clearly marked on the file.
- 11. All the information requested for in the Application form shall be furnished in English only. Wherever not done, an English translation shall be enclosed.
- 12. Incomplete Applications are liable to be rejected. MbPT will scrutinize all the registered applications for determining the eligibility as per the Eligibility Criteria. The format of the Eligibility Criteria shall be filled in and supported by enclosing the documentary evidence as required/ requested.
- 13. Failure to provide information that is essential to evaluate the Applicant's eligibility or to provide timely clarification or substantiation of the information may result in non-consideration of the Application/Applicant.
- 14. Incidental costs incurred by the Applicant or his contractors or his sub-contractors/ agents or by any other person in making this Application or in getting/seeking clarifications and or attending discussions with MbPT or in connection with the site inspection, visits undertaken by MbPT for verification purposes etc. will not be claimed by the Applicant nor will the same be reimbursed by MbPT.
- 15. Each document of the Application submitted must be signed and stamped by the Applicant or a person or persons duly authorized to sign on behalf of the Applicant. Such authorization shall be by a written Power of Attorney containing the name(s) of the authorized person(s) and his/ their specimen signature(s) accompanying the Letter of Application.
- 16. All documents submitted by the Applicant shall be treated as confidential and shall not be returned.
- 17. All information/ documents required to be furnished under these forms shall reflect the current status. Additional sheets may be added if necessary.
- 18. The Applicant shall submit additional information, if any, of his firm in the Application form.
- 19. The Applicant shall produce the Banker's Solvency Certificate in the format as enclosed or in a equivalent format of the bank wherever requested for the relevant amount. The Applicants shall also sign and return the Form of Undertaking.
- 20. Financial data and costs of work undertaken shall be in Indian Rupees or in an internationally acceptable currency as indicated in the Eligibility Criteria (Experience) and Eligibility Criteria (Financial). MbPT will apply the charge rate as published in the Economic Times as appearing on the last day of February of the previous Financial Year.
- 21. The information furnished must be sufficient to show that the Applicant is meeting all the eligible criteria in all respects for undertaking and completing the works in Mb.PT's Indira Dock & Harbour Wall of their employer's vessel within the time specified by their employer for the works under the Specialized job category Permission for which the Applicant is submitting his Application. Accordingly, the Applicant is expected to have successfully completed works of similar value size, nature and capacity.
- 22. MbPT shall determine the eligibility of each applicant for receiving the Permit to carry out specialised jobs on board the vessels in Trustees' Dock Berth Nos. 1 to 4, 9 to 24 of Indira Dock, BPS, BPX, Stream & Anchorages through a Technical Committee appointed for scrutinizing the Application, visiting the declared office cum work premises, making recommendation for obtaining Technical and Administrative approval of all those found eligible to receive the Permission.
- 23. The Permit to carry out specialised jobs on board the vessels in Trustees' Dock Berth Nos. 1 to 4, 9 to 24 of Indira Dock, BPS, BPX, Stream & Anchorages be valid for a period of one Year.

- 24. The Dy. CME shall issue the Permit to carry out specialised jobs on board the vessels in Trustees' Dock Berth Nos. 1 to 4, 9 to 24 of Indira Dock, BPS, BPX, Stream & Anchorages for receiving the Permission, the eligible applicants shall approach in person to Senior Assistant, Flotilla Section along with Mb.P.T's letter as at Sr. No. 6 above.
- 25. The Permit to carry out specialised jobs on board the vessels in Trustees' Dock Berth Nos. 1 to 4, 9 to 24 of Indira Dock, BPS, BPX, Stream & Anchorages holders should refrain from subcontracting important jobs at Dry Docks to inexperienced and unregistered firms. Licences who are found violating this regulation may be attracting penalty even to the level of suspension/cancellation of their permit.
- 26. All registered ship repairers are bound to provide Personal Protective Equipments (PPE) to their employees/ workmen while utilizing their service on board vessels in the Trustee's Docks/ Port of Mumbai. These PPE should be as per the requirement of zone of activity as stipulated by Dock Safety, etc.
- 27. All Permit to carry out specialised jobs on board the vessels in Trustees' Dock Berth Nos. 1 to 4, 9 to 24 of Indira Dock, BPS, BPX, Stream & Anchorages holders should have some qualified persons with electrical background and possessing at least 1st Class Supervisory Certificate of State Govt. while taking shore to ship connection and handling of any electrical equipment. This step is to minimize the accidents occurring in Dry Docks while handling electrical equipments due to ignorance/ negligence.
- 28. All the Contractors licensed for Permit to carry out specialised jobs on board the vessels in Trustees' Dock Berth Nos. 1 to 4, 9 to 24 of Indira Dock, BPS, BPX, Stream & Anchorages for Specialised Jobs will also stand automatically empanelled accordingly for all such works for MbPT's flotilla repairs requirements in their respective specialization. Further, they may also be considered for other associated equipment and machinery requirements in their respective specialization. Such empanelled contractors when approached by MbPT for various types of Quotations/ enquiries/ repair work orders, etc. for various types of cropped up/ emergency/ repair works etc., shall respond positively and provide the same and when demanded by MbPT. As those not responding and/or not providing the required services are liable to lose their specialized Job Category Permits and all the fees paid in this regard will also stand automatically forfeited.

### **PARTICULAR**

**Evaluation of Applications** 

- 1. Mb.P.T. appointed Technical Inspection Committee (TIC) will scrutinize the new applications and submit their technical clearance report with recommendations to DY.CME for acceptance of the CME. During scrutiny and if necessary the TIC will also carry out site inspection/ visits to the Applicant's premises for the purpose of comparing the copies of the supporting documents with the original of only those applicants who meet the Eligibility Criteria.
- 2. It shall be the responsibility of the Applicants to apply, pursue and obtain Deputy Conservator's/
  Police clearance of themselves and their employees engaged in repair works in MbPT Docks/ Port
  Limits as applicable.

  Date:

  Name and Signature of Authorized
  Representative (s) of Applicant.

  of the Applicant

  Seal of the Firm making the Application

  Title of above Authorized Representative (s)

# <u>APPLICATION FOR PERMIT TO CARRY OUT SPECIALISED JOBS ON BOARD THE VESSELS IN TRUSTEES' DOCKS AT BERTH NOS. 1 TO 4, 9 TO 24 OF INDIRA DOCK, BPS, BPX, STREAM & ANCHORAGES</u>

	ription of works being carried out on vessels for which ission is granted by Mb.P.T.	Requirements to be ticked	Indicate applicable charges( Rs )
	Registration Fee		21560/-
1	Hull repairs		10780/-
2	Stern Gear Jobs (Propulsion/ Rudder/ Steering)		10780/-
3	Chipping, Cleaning and Painting work		10780/-
4	Electrical works.		2200/-
5	Electronic works and Control System.		2200/-
6	Instrumentation/ Automation Jobs.		2200/-
7	Refrigeration and Air-conditioning work.		2200/-
8	Insulation and Panelling work.		2200/-
9	Fuel Injection equipment calibration service and repair work.		2200/-
10	Life Saving Appliances –Repair/ Service Jobs(LSA).		2200/-
11	Fire Fighting Appliances –Repair/ Service Jobs(FFA).		2200/-
12	Deck Gear work – Lifting tackles/ Loose gear testing & certification.		2200/-
13	Hatch Cover repairs / Wet Dock Mechanical works.		2200/-
14	Hydraulic Jobs (Marine/ Mechanical)		2200/-
15	Chemical Cleaning/ Purification work/ STP work.		2200/-
16	Diving & Salvage work.		2200/-
17	Purifier/ Turbo Charger Service/ Repair works.		2200/-
18	CO <sub>2</sub> Gas Installation and checking/ repair/ Service Jobs.		2200/-
19	Jobs on Marine Engines and other machinery/ equipment- Periodic Overhauling (POH)/Maintenance /damage		2200/-
20	Non- Destructive Examination and Testing Jobs.		2200/-
21	Ship's interior Jobs (Tiling/ Carpentry/ Plumbing/		2200/-
22	Fabrication/Metal working/Machining & associated Jobs		2200/-
23	Engine Governor Calibration, repair/ service work.		2200/-

Date	Name and Signature of The Authorized Representative (s) of The Applicant
Seal of the Firm	Title of Above Authorized Representative (s) the Application

### <u>APPLICATION FOR PERMIT TO CARRY OUT SPECIALISED JOBS ON BOARD THE</u> VESSELS IN TRUSTEES' DOCKS AT BERTH NOS. 1 TO 4, 9 TO 24 OF INDIRA DOCK, BPS, BPX, STREAM & ANCHORAGES

### **APPLICABLE CHARGES**

A)	Permit Application form	Rs.1155/- per application form (Through POS or Demand Draft in favour of "THE BOARD OF TRUSTEES OF THE PORT OF MUMBAI" payable at Mumbai.)
B)	Annual Permit to carry out specialised jobs on board the Vessels in Trustee's Docks Berth Nos. 1 to 4, 9 to 24 of Indira Dock, BPS, BPX, Stream & Anchorages from 01.04.2020 to 31.03.2021 new issue/ renewal charge	Rs.21560/- per year (Through POS or Demand Draft in favour of "THE BOARD OF TRUSTEES OF THE PORT OF MUMBAI" payable at Mumbai).
(i)	For Job Category I (Job carried out in stream /wet Docks, namely, Hull and Stern Gear Related Repairs, upto water line, Chipping Cleaning and Painting) i.e. (Sr. No 1 to 3) overleaf, (new issue and renewal)	Rs.10780/- per year
(ii)	For Job Category II (Specialized Job carried out in the Wet Docks, namely, Electrical Repairs, Electronic Repairs/ Control System, Instrumentation/ Automation Jobs. Refrigeration Works, Insulation Works, Calibration and Repairs to fuel Injection equipments, Repairs/ service to LSA, Repairs/ service to FFA, Deck Gear repairs, Hatch cover repairs/ Mechanical Jobs, Hydraulic jobs(Marine/ Mechanical), Chemical Cleaning/ Purification, Diving and Salvage work/ Underwater repairs, Purifier/ Turbocharger, Service/ Repairs, CO2 Gas Checking/ installation/ repairs/ Service, Marine Engine Overhaul, Non-Destructive Testing Jobs, Ship's interior Jobs , Machining & associated Jobs, Engine Governor Calibration, repair/ service work.(i.e jobs, mechanical jobs at Sr. Nos to overleaf)  (new issue and renewal)	Rs.2200/- per job per year

If I am qualified I agree to pay the above charges as well the revised charges as and when revised/fixed by Mumbai Port Trust(MbPT).

DATE

NAME AND SIGNATURE OF AUTHORISED REPRESENTATIVE (S) OF THE APPLICANT

SEAL OF THE FIRM

TITLE OF ABOVE AUTHORISED

REPRESENTATIVE (S)

MAKING THE APPLICATION

### <u>APPLICATION FOR PERMIT TO CARRY OUT SPECIALISED JOBS ON BOARD THE</u> VESSELS IN TRUSTEES' DOCKS AT BERTH NOS. 1 TO 4, 9 TO 24 OF INDIRA DOCK, BPS, BPX, STREAM & ANCHORAGES

### **ELIGIBILITY CRITERIA (TECHNICAL)**

# [ APPLICANTS SHALL FILL IN ONLY THOSE CHECKLISTS FOR PERMIT FOR WHICH HE IS SUBMITTING HIS APPLICATION AND SHALL SCORE OUT (X) THE BALANCE CHECK LISTS AND STAMP AND INITIAL THIS DOCUMENT AT THE END.

### 1: CHECK LIST FOR HULL REPAIRS (STEEL WORK)

SI. No.	Equipment Requirements	Items/ Size/ Capacity/ Type/ Range etc.	(Essential) Minimum Quantity in Numbers	Available Quantity in Numbers	(Essential) Documentary evidence supporting ownership of equipments (Indicate type of document - undertaking letter)
1	Lifting Tackles	Chain Block, Power Lifts, EOT Cranes etc. > 5MT capacity (Desirable)	Two (with proper test certificate)		
2	Plate Bending Machine	For plate thickness varying from 6 mm to 18 mm size	One		
3	Number of Qualified Welders, approved by competent authority.	Approval From IRS, LRS, ABS etc.	Minimum 3 Nos.		
4.	Grinding machine	$1.5 \rightarrow 3 \text{ HP}$	2		
5.	Electric drilling machine	<sup>3</sup> ⁄ <sub>4</sub> "→1 "Ø drilling cap.	2		
6.	Gas cutting equipments with necessary accessories.	Oxy-Acetylene type	2 sets		
7.	Oxy-acetylene gas cutters.		2 nos. (Employees)		

### 2: CHECK LIST FOR STERN GEAR JOBS (PROPULSION/ RUDDER/ STEERING UNIT)

SI. No.	Equipment Requirements	Items/ Size/ Capacity/ Type/ Range etc.	(Essential) Minimum Quantity in Numbers	Available Quantity in Numbers	(Essential) Documentary evidence supporting ownership of equipments (Indicate type of document - undertaking letter)
1.	Portable air compressors.	2 To 5 HP	1		
2.	Portable diesel transformers/ rectifiers welding sets for Either AC or DC/ arc welding alongwith necessary accessories	1)Rectifier range 50A-500A 2)Transformers range up to 300A.	2 each		
3.	Pneumatic/ Electric drilling machine	<sup>3</sup> / <sub>4</sub> "→1 "Ø drilling cap.	2		
4.	Lathe.(Minimum of 12' between the centers in case of application for	between centers,28"Ø Chuck cap. & 5HP < 12' in length, between	1		
	STERN GEAR Repairs)	centers			
5.	Power saw	$1.5 \rightarrow 3 \text{ HP}$	1		
6.	Grinding machine	$1.5 \rightarrow 3 \text{ HP}$	2		
7.	Boring machine*	2 to 3 HP	1		
8.	Shaping machine.	2 to 3 HP	1		
9.	Milling machine*	3 to 5HP	1		
10.	Pipe bending machine.	For sizes of pipes between ½" to 6"	1		
11.	Gas cutting equipments with necessary accessories.	Oxy-Acetylene type	2 sets		
12	Sufficient modern measuring instruments.	Micrometer (0-250mm) Depth Gage, vernier caliper, Deflection gage, ultrasonic thickness testing instrument.	1 each		
13.	Lifting Tackles	Chain Block/ Power Lifts  EOT Cranes etc. < 5 MT capacity (Desirable)	Two One (with proper test certificate)		

<sup>\*</sup>Attachments of approved type be accepted by TIC

### $\underline{\mathbf{3}: \mathbf{CHECK}\; \mathbf{LIST}\; \mathbf{FOR}\; \mathbf{CHIPPING}, \mathbf{CLEANING}\; \mathbf{AND}\; \mathbf{PAINTING}\; \mathbf{WORK}\; \mathbf{ON}\; \mathbf{SHIPS}}$

Sl. No.	Equipment Requirements	Size/ Capacity/ Type/Range etc.	(Essential) Minimum Quantity in Numbers	Available Quantity in Numbers	(Essential) Documentary evidence supporting ownership (Indicate type of document- undertaking letter, etc.)
1.	Chipping hammers.	1 Lb.	50		
2.	Wire brushes.	4" & 6" long	75 each		
3.	Scrapers of various type.	6" & 3' long	50 to 100 each		
4.	Paint brushes of various sizes.	3" & 4" long	50 each		
5.	Flat Paint brushes	2" to 6" width	50 each		
6.	Stagings.	10 to 12' long	2 sets (say 10 to 12 Nos.)		
7.	Sufficient Personal Protective Equipment (PPE)	Safety Helmet Safety Belt Goggles. Ear plug, Nose Mask, Safety shoes	12 Nos. each		
8.	Airless paint spray gun with all necessary safety measures.	(optional) For surface coating.	One		
9.	High pressure hydro jet machines.	(optional) For surface preparation.	One		
10.	Vessel's Hull Surface blasting/ cleaning machines with hoppers and allied equipments.	(optional) For better surface preparation/ finish.	One set		

-

### 4: CHECK LIST FOR ELECTRICAL WORKS

Sl. No	Equipment Requirements	Size/ Capacity/Type/ Range etc.	(Essential) Minimum Quantity in Numbers	Available Quantity in Numbers	(Essential) Documentary evidence supporting ownership (Indicate type of document- undertaking letter)
a.	Current and Voltage and auto transformer.	3 Phase/ 30A	1		
b.	Auto Current Injection Set.	Single Phase	1		
c.	Coil Winding Machine.	Manual/ Mech.	1		
d.	Hot Air Blower.	0.5 / 1 HP	1		
e.	Electrical Growler.	230V /1500W	1		
f.	Electrical test equipments such as Megger, Multimeter, Tachometer, Tong Tester etc.	Single Phase	1 each		
σj.	Adequate stock of winding materials such as wires of different gages, insulation of different types, fiber glass fittings soldering facilities etc.	SWG $8 \rightarrow 40$ various (for winding insulating mat.	Sufficient stock		
h.	Baking Oven. (Desirable)	440 V and 2500 to 5000 W cap.	1		
i.	Multi-purpose Test Board.	At least 5 Pts.	1		
j.	Assorted tools like spanners, pulleys, pliers, screw drivers etc.	Std. sizes	1 set		
k.	Portable lifting device.	1 Ton – 3 Ton	1		
1.	Drilling & Grinding Machine	1 HP each	2		
m.	Dynamic Balancing Machine (Desirable).		1		
n.	Varnishing Tanks (Desirable).		1		

### 5: CHECKLIST FOR ELECTRONIC WORKS & CONTROL SYSTEM

Sl. No	Equipment Requirement	Size/ Capacity/ Type/ Range etc.	(Essential) Minimum Quantity in Numbers	Available Quantity in Numbers	(Essential) Documentary evidence supporting ownership (Indicate type of document- undertaking letter)
a.	Frequency Counter.	20 Khz	1		
b.	Audio Output Meter.	22 db.	1		
c.	Multimeter.	Up to 1000V	2		
d.	Voltmeter and Ammeter.	0-300V 0-50A	2		
e.	Double Beam Oscilloscope (Desirable).	Up to 20 Khz.	1		
f.	Screw drivers, soldering iron/gun pliers, spanners both fixed and variable etc.	Std. sizes	1 set each		
g.	Portable Drill Machine.	1 to 2 HP	1		

### 6: CHECK LIST FOR INSTRUMENTATION/ AUTOMATION WORKS

Sl.	Equipment	Size/ Capacity/ Type/	(Essential)	Available	(Essential)
No	Requirement	Range etc.	Minimum	Quantity in	•
			Quantity in	Numbers	evidence
			Numbers		supporting
					ownership
					(Indicate type of
					document-
L.					undertaking letter)
a)	Portable Drilling	0.5 HP to 1 HP	1		
	Machine				
b)	Portable Drilling	0.5 HP to 1HP	1		
	Machine.				
c)	Voltmeter, Ammeter	0-300 V, 0-5 A, up to	1 each		
	& Multimeter.	500 V resp.			
d)	Screw drivers,	Std. sizes	1 set each		
	soldering iron / gun				
	pliers, spanners both				
	fixed and variable etc.				
e)	Relevant Test Board.	Required capacity.	1		
f)	Instrument/	Required capacity.	Sufficient		
	Equipments required		Qty.		
	for the activity.				
g)	Air Compressor.	Between 1 HP to 2 HP	1		
		0-300 V, 0-5 A resp.			

### 7: CHECK LIST FOR REFRIGERATION AND AIRCONDITIONING WORK

S1.	Equipment	Size/ Capacity/ Type/	(Essential)	Available	(Essential)
No	Requirement	Range etc.	Minimum	Quantity in	Documentary
			Quantity in	Numbers	evidence
			Numbers		supporting
					ownership
					(Indicate type of
					document-
					undertaking letter)
a)	B.M.C. Licence for		Valid		
	Storage of		licence		
	Refrigerant gas.				
b)	Vacuum Pump.	$0.5 \text{ HP} \rightarrow 1 \text{ HP}$	1		
c)	Gas Leak Detector.	Like Tif-5750	1		
d)	Spare parts like	DAN FOSS / ALKO/	1 each		
	Thermostat,	SPORTLAN/			
	Expansion V/V etc.	INDFOSS MAKE			
e)	Tools for compressor	STD Type	1		
	and its accessories for				
_	maintenance.				
f)	Measuring Meters.	Vacuum Gage	1		
		Compound Gage,			
		{Digital/ Analog Thermometer.			
		Anometer (air			
		balancing) etc.			
g)	Gas charging Board.	Charging line $\rightarrow \frac{1}{4}$ " ø	1 each		
8)	Gas charging Doard.	Flaring tool kit $\rightarrow \frac{1}{4}$ "	1 Cacii		
		to $\frac{1}{2}$ " ø			
h)	Refrigerant gas in	Sufficient Stock	15 to 25 kg		
11)	Containers	Sufficient Stock	15 to 25 kg		

### 8: CHECK LIST FOR INSULATION AND PANELLING WORK

Sl.	Equipment	Size/ Capacity/	(Essential)	Available	(Essential)
No	Requirement	Type/Range etc.	Minimum	Quantity in	Documentary
			Quantity in	Numbers	evidence
			Numbers		supporting
					ownership
					(Indicate type of
					document-
					undertaking letter)
a)	Insulating Materials.	Range from	Sufficient Qty.		
		150° C→1200° C			
b)	Bonding Materials.	ISI Approved	Sufficient Qty.		
c)	Assorted Tools.	Std. type	1 Set		
d)	Portable drilling	½ to 2 HP	2		
	machine.				
e)	Portable Grinding	½ to 2 HP	1		
	Machine				

### 9: CHECK LIST FOR FUEL INJECTION EQUIPMENT CALIBRATION, SERVICING AND REPAIR WORK

Sl.	Equipment	Size/ Capacity/	(Essential)	Available	(Essential)
No	Requirement	Type/Range etc.	Minimum	Quantity in	Documentary
			Quantity in	Numbers	evidence
			Numbers		supporting
					ownership
					(Indicate type of document-
					undertaking letter)
-	Fuel Pump &				undertaking letter)
	Governor	6/8 cylinder pump	1		
a)	Calibrating	testing capacity	(Desirable)		
	Machine.				
b)	Flat Needle		1		
	Grinding Machine.		(Desirable)		
c)	Flat Face Lapping Machine.		1		
			1		1
d)	Needle Grinder.		(Desirable)		
e)	Air Compressor.	1 to 2 HP	1		]
f)	Lapping Meters.		1		
g)	Drilling Machine.	1 to 2 HP	1		
h)	Lathe Machine.	Distance between centers up to 4' to 8'	1		
i)	Nozzle Tester.	0 – 40 pressure testing cap. (KSC)	1		
j)	Monochromatic Check light.		1		
k)	Internal Seat Check light.		1		

### 10: CHECK LIST FOR LIFE SAVING APPLIANCES (LSA)

Sl.	Equipment	Size/ Capacity/	(Essential)	Available	(Essential)
No	Requirement	Type/ Range etc.	Minimum	Quantity in	Documentary
			Quantity in	Numbers	evidence
			Numbers		supporting
					ownership (Indicate
					type of document-
					undertaking letter)
a)	Approved	ISI approved	At least for 5		
	equipments as		units		
	replacement in Life				
	Boat/ Lift Raft etc.				
b)	Hydraulic Test	Up to 500 PSI	1		
	Machine.				
c)	Drilling Machine	1 to 1.5 HP	1		
	(Portable).				
d)	Fiber basic	ISI approved	Sufficient		
	component for		Qty.		
	repair of Fiber				
	Glass Hull.				
e)	Tools for carrying	Std type	1 set		
	out wood works.				
f)	Patching facilities	ISI approved	For 5 units.		
	for basic rubber				
	material.				
g)	Rescue Boat	Required	As per		
	servicing facility.	Equipments	requirement		
		(optional)			

### 11: CHECK LIST FOR FIRE FIGHTING APPLIANCES (FFA)

Sl. No	Equipment Requirement	Size/ Capacity/ Type/ Range etc.	(Essential) Minimum Quantity in Numbers	Available Quantity in Numbers	(Essential) Documentary evidence supporting ownership (Indicate type of document- undertaking letter)
a)	Refills of fire extinguishers.	For 4.5 Kg. DCP, 9 Ltr. CO2/ Water /Mechanical Foam.	At least for 10 Each		
b)	Pressure Gauges and other basic measuring instruments.	Std type and periodically calibrated.	2 sets.		
c)	Compressed Air facilities.	2 to 3 HP	1		
d)	Hydraulic Test Machine.	Up to 500 PSI	1		
e)	Drilling Machine	1 to 1.5 HP	1 no.		
f)	Grinding Machine.	1.5 HP to 1 HP	1 no.		
g)	Precision Weighing Machine	Co2 Cartridge Weight Measurement	1 no.		

### 12: CHECK LIST FOR DECK GEAR WORK/ LIFTING TACKLES, LOOSE GEAR TESTING AND CERTIFICATION.

Sl. No	Equipment Requirement	Size/ Capacity/ Type/Range etc.	(Essential) Minimum Quantity in Numbers	Available Quantity in Numbers	(Essential) Documentary evidence supporting ownership (Indicate type of document- undertaking letter)
a)	Chain Testing Machine for testing on anchor and chains. (For Deck Gear Works)	50 to 100 MT Capacity with a & Test bed length of 10 20 mtrs. attempt	1		
b)	Drilling Machine (Portable).	1 to 2 HP	2		
c)	Various Tools.	Std type	2 sets		
d)	Gas and Welding Equipment.	Oxy – Acetylene and Electric Arc Type	2 sets		
e)	Air Compressor and associated equipments.	1 to 2 HP	1		
f)	Lathe Machine	Minimum 6' in length between centers.	1 (Desirable)		

### 13: CHECK LIST FOR HATCH COVER JOBS/ WET DOCK MECHANICAL WORKS

Sl. No	Equipment Requirement	Size/ Capacity/ Type/Range etc.	(Essential) Minimum Quantity in Numbers	Available Quantity in Numbers	(Essential) Documentary evidence supporting ownership (Indicate type of document- undertaking letter)
a)	Lathe Machine	Minimum 6' in length between centers.	1		
b)	Grinder (Portable & fixed)	1 HP to 2 HP	1 Each		
c)	Drilling Machine (Portable/ fixed).	1 to 2 HP	1 Each		
d)	Various Tools.	Std type	2 sets		
e)	Gas and Welding Equipment.	Oxygen/ Acetylene & Electric Arc Type	2 sets each.		
f)	Air Compressor and associated equipments.	1 to 2 HP	1		
g)	Certified/ Qualified Welders.	Approved by Competent Authority.	1		

### 14: CHECK LIST FOR HYDRAULIC JOBS (MARINE/ MECHANICAL)

Sl. No	Equipment Requirement	Size/ Capacity/ Type/ Range etc.	(Essential) Minimum Quantity in Numbers	Available Quantity in Numbers	(Essential) Documentary evidence supporting ownership (Indicate type of document- undertaking letter)
a)	Hydraulic Power Pack	Cap. Up to 500 bar	1		
b)	Porportional/ Directional Valves	Cap. Up to 250/ 500 bar	2		
c)	Pressure Controlling Valves.	Up to 500 bar	2		
d)	High Pressure Gauges	0-500 bar	3		
e)	Associated tools and Equipments	Required Capacity	2 set		
f)	Hydraulic Press.	Sufficient Cap.	1		
g)	Drilling Machine(Portable/ fixed)	1 to 2 HP	1 each		
h)	Grinder (Portable/ fixed).	1 HP to 2 HP	1 each		

### 15: CHECK LIST FOR CHEMICAL/PURIFICATION WORK / STP WORK

Sl. No	Equipment Requirement	Size/ Capacity/ Type/ Range etc.	(Essential) Minimum Quantity in Numbers	Available Quantity in Numbers	(Essential) Documentary evidence supporting ownership (Indicate type of document- undertaking letter)
a)	Pumps/ Centrifuge	2 to 5 HP	1		
b)	Chemical	-	Sufficient Qty.		
c)	Permission to store Chemicals.	-	Valid Certificate		
d)	Heating arrangement.	Up to 5000 C	1 Unit		
e)	Equipment Required for STP work.	As per requirement	1 set		(for STP work
f)	Pipe line and Valves of Various size.	As per requirement	Sufficient Qty.		only.)

### 16: CHECK LIST FOR CARRYING OUT ALL DIVING AND SALVAGE WORK

S1.	Equipment	Size/	(Essential)	Available	(Essential)
No	Requirement	Capacity/	Minimum	Quantity in	Documentary
		Type/ Range	Required	Numbers	evidence supporting
		etc.	Quantity in		ownership (Indicate
			Numbers		type of document-
					undertaking letter)
a)	Diving Equipment.	SOLAS /ISI	3 set		
		Specified			
b)	Life raft and life boat	SOLAS	5		
c)	Diving Boat	Capacity of 6	1		
		to 10 person	(Desirable)		
d)	Licensed/Qualified	Medically Fit	3		
	Divers.	and Certified			
		persons.			
e)	Under water Welding/	Std & ISI	3		
	Cutting equipment's.	Specified			

### 17: CHECK LIST FOR PURIFIER REPAIR WORK/ TURBOCHARGER REPAIR/ SERVICE

Sl.	Equipment	Size/	(Essential)	Available	(Essential)
No	Requirement	Capacity/	Minimum	Quantity in	Documentary
		Type/ Range	Required	Numbers	evidence supporting
		etc.	Quantity in		ownership (Indicate
			Numbers		type of document-
					undertaking letter)
a)	Drilling Machine.	1 to 2 HP	2		
b)	Lathe.	Between 4' to	1		
		6'			
c)	Grinder.	½ to 2 HP	1		
d)	Centrifuge frame for	For various	1		
	bowl	Sizes &			
	balancing/Dynamic	speeds.			
	Balancing Machine.				
e)	Pumps.	1 to 2 HP	1		
f)	Various Tools/	Std type	2 sets		
	Specialized ones.				
g)	High Speed range	Upto 25000	1		
	Tachometer	r.p.m			

### 18: CHECK LIST FOR CO2 GAS INSTALLATION, CHECKING AND REPAIR WORK

Sl. No	Equipment Requirement	Size/ Capacity/ Type/ Range etc.	(Essential) Minimum Required Quantity in Numbers	Available Quantity in Numbers	(Essential) Documentary evidence supporting ownership (Indicate type of document-undertaking
a)	Liquid level indicator	For CO <sub>2</sub> bottles used for total flooding.	1		letter)
b)	Air Compressor.	1 to 2 HP	1 set		
c)	Hydraulic Pump Tool Box.	Std. Type	1		
d)	Hydraulic Test Machine.	Up to 5000 PSI	1		
e)	Refills of fire extinguishers.	MMD/ Approved by Statutory Body	At least for 10		
f)	Pressure gauge and other basic measuring instruments.	Std. type	3 sets		

### 19: CHECK LIST FOR JOBS ON MARINE ENGINES AND OTHER MACHINERIES/ EQUIPMENTS ON BOARD – PERIODICAL OVERHAULING / MAINTENANCE /DAMAGE REPAIRS

Sl. No	Equipment Requirement	Size/ Capacity/ Type/ Range	(Essential) Minimum	Available Quantity in	(Essential) Documentary
110		etc.	Required	Numbers	evidence supporting
			Quantity in		ownership (Indicate
			Numbers		type of document-
	T 11' ( T ('	г и.	1		undertaking letter)
a)	Fuel Injector Testing	For Various types and	1		
	pump	types and pressures			
b)	Cylinder valves	Either manual or	1		
	Grinding equipment.	Mechanical			
c)	Hydraulic Test Pump For	Cap. Up to	1		
	Engine Cylinder Head,	10 KSC.			
	Jacket, Cyl. Liner etc.				
d)	Assorted Tools and	For Various	1 set		
	Equipments for opening/ boring up various (engine	Types of Marine Engines in the			
	components.)	field.			
e)	Precision Instruments	-do-	1 set		
	for calibrating Cyl. liner,				
	Crankshaft pins, Piston,				
	Piston Grooves etc.				
f)	Cyl. Valve seat cutting machine.	Desirable	1 set		
g)	Cyl. Value seat grinding machine.	Desirable	1 set		
h)	Cylinder liner Honing	Desirable	1 set		
	machine.				
i)	Drilling Machine.	1 HP to 2 HP	1		
j)	Grinding Machine.	½ HP to 2 HP	1		
k)	Lathe.	6' / 4' long bed	1		
		length between			
		centres.	21		

### 20: <u>CHECK LIST FOR NON – DESTRUCTIVE EXAMINATION AND TESTING JOBS.</u> (Ships skin plates measurement, magnetic particle testing, UT testing etc.)

Equipment Requirement				
	Size/ Capacity/ Type/ Range etc.	(Essential) Minimum Required Quantity in Numbers	Available Quantity in Numbers	(Essential) Documentary evidence supporting ownership (Indicate type of document- undertaking letter)
Thickness Measurement Probe	Suitable ones	2		
Step Wedge ( Test Block )	Various sizes	2 Each		
Portable Grinder.	½ HP to 2 HP	2		
Digital Thickness Gauge Meter. (for ship's hull, deck thickness checking)	Model's like Cygnus-2, Cygnus-4, Pulse Echo etc	2		
Torch with rechargeable batteries.	Suitable Type	2		
Protective Gear for Technicians.	Safety Shoes Helmets, Hand Gloves,Goggles	As applicable		
Chipping Hammers.	Of suitable size.	2		
Laptop- for Recording of Readings.	Any Model.	Desirable		
Dingy Boats/ Rafts	For Tanker Ships (Applicable for Ship's Hull thickness gauging)	Desirable		
Competency certificate for the Technicians	From any approved authority	Valid certificate		
Non- Destructive Testing (NDT) equipments like, i) UT machine ii) MbPT Machine (For Engine C/ Shaft Con rod,- and other Engine components- flaw/	i)for flaw/defect testing more than2/7mm. ii)for detecting flaw/ crack up to 2mm (A.C) & 7mm (D.C).	1		(Applicable for those carrying out UT/MPT Jobs)
	Step Wedge ( Test Block )  Portable Grinder.  Digital Thickness Gauge Meter. (for ship's hull, deck thickness checking)  Torch with rechargeable batteries.  Protective Gear for Technicians.  Chipping Hammers.  Laptop- for Recording of Readings.  Dingy Boats/ Rafts  Competency certificate for the Technicians  Non- Destructive Testing (NDT) equipments like, i) UT machine ii) MbPT Machine ( For Engine C/ Shaft Con rod,-	Thickness Measurement Probe  Step Wedge ( Test Block )  Portable Grinder.  Digital Thickness Gauge Meter. (for ship's hull, deck thickness checking)  Protective Gear for Technicians.  Protective Gear for Technicians.  Chipping Hammers.  Cof suitable size.  Any Model.  For Tanker Ships (Applicable for Ship's Hull thickness gauging)  Competency certificate for the Technicians  Competency certificate for Ship's Hull thickness gauging)  Competency Certificate for Ship's Any Model.	Thickness Measurement Probe  Step Wedge (Test Block )  Portable Grinder.  Potable Gr	Thickness Measurement Probe  Step Wedge ( Test Block )  Portable Grinder.  Digital Thickness Gauge Meter. (for ship's hull, deck thickness checking)  Protective Gear for Technicians.  Protective Gear for Technicians.  Chipping Hammers.  Chipping Hammers.  Dingy Boats/ Rafts  Competency certificate for the Technicians  Competency Certificate for Ship's Hull thickness gauging)  Competency Certificate for the Technicians  Competency Certificate for Ship's Hull thickness gauging)  Competency Certificate for Ship's Hull thickness gauging)

### 21: <u>CHECK LIST FOR SHIP'S INTERIOR JOBS (TILING/ CARPENTRY/ PLUMBINGFUMIGATION/UPHOLSTERY AND TAPESTRY/ FIBER-FRP JOBS etc.)</u>

SI. No	Equipment Requirement	Size/ Capacity/ Type/ Range etc.	(Essential) Minimum Required Quantity in Numbers	Available Quantity in Numbers	(Essential) Documentary evidence supporting ownership (Indicate type of document- undertaking letter)
a)	Portable Drilling Machine	½ HP to2 HP	1		
b)	Portable Grinding M/c	½ HP to 2 HP	1		
c)	Assorted Tools	Various sizes	1 set		
d)	Sufficient Quantity of flooring Materials.	Size as per Requirement	For 2 jobs		
e)	Appropriate Compound for sticking the tiles to the ship floor e.g- suitable Epoxy based/ Latex Resin based Compound.	As per the Floor condition [ Ex. OxyDeck/ Syncolite Compounds]	5 kg		For Ship's
f)	Hot air blower	< 2 HP	1		Floor/cabin Tiling Jobs.
g)	Cleaner Compounds.	Suitable type	1 kg		Tilling Jobs.
h)	Floor Leveller.	2 ' to 4' long.	2		
i)	Protective equipments for safe working	I.S. Std. Ones (nose guard, hand gloves, goggles etc.)	2 sets		
j)	Lathe machine	Min.6' long bed length between centers	1 (desirable)		
k)	Circular saw	Suitable size according to the job	1		
1)	FRP repairs kit & associated components and compounds.	Approved & I.S. Quality	Sufficient qty. (acc. to life expiry)		
m)	Wood plainer machine	Suitable size according to the job	1 (desirable)		For Carpentry / Fiber-FRP Jobs.
n)	Assorted tools for handling timber work	Suitable size according to the job	2 sets		
o)	Bonding materials	Branded quality	Sufficient qty.		
p)	Marine plywood, outer sheath (copper, aluminium)	Various size acc. to requirements	Sufficient qty.		
q)	Equipment/ Tools required for plumbing work.	As per the requirement.	Sufficient qty.		Only for Plumbing Work
r)	Equipment/ Tools required for Fumigation work.	As per the requirement.	Sufficient qty.		Only for Fumigation Work
s)	Equipment/ Tools required for Upholstery work.	As per the requirement.	Sufficient qty.		Only for Upholstery Job

### 22: <u>CHECK LIST FOR MACHINING & ASSOCIATED JOBS.</u> (<u>Crank shaft grinding line boring, horning, metal stitching/ locking etc.</u>)

G1		a: /	(F)1\(\)	4 11 1 1	(T) (1.1)
Sl.	Equipment Requirement	Size/	(Essential)	Available	(Essential)
No		Capacity/	Minimum	Quantity in	Documentary
		Type/ Range	Required	Numbers	evidence supporting
		etc.	Quantity in		ownership (Indicate
			Numbers		type of document-
					undertaking letter)
a)	Precision Boring M/c –	Up to capacity	1		
	(Vertical/ Horizontal	of jobs. having			
	Type)	ø500 mm. and			
		0.5 meter in			
		length.			
b)	Honing Machine	For the jobs to	1		
0)	(Portable/ Fixed)	be attended as	1		
	(1 ortuble/ 1 ixed)	above.			
c)	Line Boring Machine	For length up	1		
()	Line Bornig Waenine	to 16'(min).	1		
47	Danaisian Caindina	For Jobs	1		
d)	Precision Grinding Machine – For		1		
		varying from			
	Crankshaft, Cyl. Liner,	12'/16'			
	Propulsion shaft etc.	onwards.			
e)	Non Destructive				
	Testing Equipments	For Flaw/			
	(NDT)	Defect testing	1		
	i) U.T. M/c (Ultra Sonic	(more than 2/7			
	Testing)	mm deep)			
	ii) M.P.T (Magnetic	For detecting	1		
	Particle Testing).M/C.	flaw/ crack up			
		to 2 mm			
		(A.C.) & 7			
		mm (D.C)			
f)	Equipment's, for Metal	As per the	Sufficient Qty.		Only for Metal
	Stitching/ Locking.	requirement			Stitching
	Work on steel, Plates,	1			<del></del>
	etc.				

### 23: CHECK LIST FOR ENGINE GOVERNOR CALIBRATION REPAIR/ SERVICE WORK.

Sl.	Equipment Requirement	Size/	(Essential)	Available	(Essential)
No		Capacity/	Minimum	Quantity in	Documentary
		Type/ Range	Required	Numbers	evidence supporting
		etc.	Quantity in		ownership (Indicate
			Numbers		type of document-
					undertaking letter)
a)	Kerosene High Jet/	As per	1		
	Cleaning set.	requirement			
b)	Grinding Machine.	0.5 HP to 2	1		
		HP			
c)	Drilling Machine	0.5 HP to 2	1		
		HP			
d)	Air Compressor.	2 to 5 HP	1		
e)	Bench Vices.	Required sizes	2		
f)	Test bench for various	As per	1 set each		
	speed checks. (Either	requirement			
	Woodward or other				
	approved type).				

Verification of quantities and comparing copies of documents with original will be conducted by the Technical Committee of only those Applicants who are meeting all the eligibility criteria.

DATE	NAME AND SIGNATURE OF THE
	AUTHORISED REPRESENTATIVE (S)
	OF THE APPLICANT
SEAL OF THE FIRM	TITLE OF ABOVE AUTHORISED
MAKING THE APPLICATION	REPRESENTATIVE(S)

### <u>APPLICATION FOR PERMIT TO CARRY OUT SPECIALISED JOBS ON BOARD THE</u> VESSELS IN TRUSTEES' DOCKS AT BERTH NOS. 1 TO 4, 9 TO 24 OF INDIRA DOCK, BPS, BPX, STREAM & ANCHORAGES

### FORMAT OF ELIGIBILITY CRITERIA (EXPERIENCE)

Name of the

Descri

SEAL OF THE FIRM MAKING THE APPLICATION

Name

Period

Documentation

OF THE APPLICANT

TITLE OF ABOVE AUTHORISED

REPRESENTATIVE(S)

No	ption of work	the Employer	vessel on which work	Financi	(previous two Financial Years)		required (essential)
	Work		was carried out	From	То	Rs.	
							Enclose copies of Work Order and Certificate from Employer of timely completion of the work to satisfaction of the Employer (enclose copy of invoice/ bill for each work done)
TOT	AL (Shoul	d meet the Eli	gibility Criteria (	  Financial	) (sets):		
Note:							previous two Financial
	* Verific	cation of am	ounts and com	paring o	copies of o	documents	riteria (Financial).  with original will be ho are meeting all the
	DAME					ME AND C	
	DATE						GNATURE OF THE EPRESENTATIVE (S)

(\* Please add additional sheet if required)

### <u>APPLICATION FOR PERMIT TO CARRY OUT SPECIALISED JOBS ON BOARD THE</u> VESSELS IN TRUSTEES' DOCKS AT BERTH NOS. 1 TO 4, 9 TO 24 OF INDIRA DOCK, BPS, BPX, STREAM & ANCHORAGES

### **CATEGORY PERMISSION. FORMAT OF ELIGIBILITY CRITERIA (FINANCIAL)**

Sl. No.	Job Activity	Eligibility Criteria (Financial) (essential)#	Applicants Financial Status. Applicants to indicate the actual amount in Rs. against (a) and (b) of Col. 3	Documentation required: Enclose copies of indicated documents in support of the figures indicated by the Applicant at (a) and (b) on Col. 4. *
1.	2.	3.	4.	5.
1.	For Permit to carry out specialised jobs on board the Vessels in	a) Fixed Asset Value (Minimum) – Rs. 4,65,000/- *	Bank Solvency	a) Bankers Solvency Certificate for the amount indicated.
	Trustee's Docks Berth Nos. 1 to 4, 9 to 24 of Indira Dock, BPS, BPX, Stream & Anchorages from 01.04.2020 to 31.03.2021: Chipping & Painting work	b) Average value of Rs.2,56,000/- (minimum) for similar work carried out in any Dock/ Shipyard etc. during the previous two financial years.	Work carried out in previous 2 financial years.	b) Copies of similar work/ work orders/ Completion Certificates from Employer indicating value of such work carried out in any Dock/ Shipyard etc. in last 2 Financial years.

<sup>#</sup> Amount indicated are applicable for new/ renewal applicants for the period commencing Financial Year 2019-20 and the amounts will be enhanced@ 4% per annum rounded off to the nearest highest thousand.

•	Verification of amounts and comparing copies of documents wi	th original will be
	conducted by the Technical Committee of only those Applicar	nts who are meeting
	all the eligibility criteria.	

DATE	NAME AND SIGNATURE OF THE
	AUTHORISED REPRESENTATIVE (S) OF THE APPLICANT
SEAL OF THE FIRM	TITLE OF ABOVE AUTHORISED
MAKING THE APPLICATION	REPRESENTATIVE (S)

### <u>APPLICATION FOR PERMIT TO CARRY OUT SPECIALISED JOBS ON BOARD THE</u> VESSELS IN TRUSTEES' DOCKS AT BERTH NOS. 1 TO 4, 9 TO 24 OF INDIRA DOCK, BPS, BPX, STREAM & ANCHORAGES

### FORMAT OF BANKERS SOLVENCY CERTIFICATE FROM A NATIONALISED/ SCHEDULED BANK

This is to certiful M/s.	This is to certify that to the best of our knowledge and information  having the marginally noted address, is a					
	nd is respectable and can be treated as solve					
This certificate Officers.	is issued without any guarantee or respo	onsibility on the Bank or any of the				
	Signature of authorized Signatory for the Bank: _					
	Name of the authorized signatory :					
	Designation :					
	Bank & Branch :					
	Address of Bank :					
	Tel. No. :					
	Fax No. :					
	Bankers e-mail/ web Domain page address:					
	(COMPANY SEAL)					

Legend:-

@ Fill in the figures as applicable under Eligibility criteria (Financial) for total applicable amounts.

• For foreign Applicants the amounts can also be indicated in an internationally acceptable foreign currency.

# <u>APPLICATION FOR PERMIT TO CARRY OUT SPECIALISED JOBS ON BOARD THE VESSELS IN TRUSTEES' DOCKS AT BERTH NOS. 1 TO 4, 9 TO 24 OF INDIRA DOCK, BPS, BPX, STREAM & ANCHORAGES</u>

### SPECIALISED JOB CATEGORY PERMISSION

#### FORM OF UNDERTAKING

<u>ro</u> 1	ANI OF UNDERTAKING
NAME OF THE APPLICANT:	WE,
(MR./MS	SON/DAUGHTER OF
MR/MS	
APPLICANT HAVING LICENSED/ REGIS APPLICATION FORMAT AND WHO WIL BOARD THE VESSELS IN TRUSTEE'S	THE AFOREMENTIONED TERED WORKSHOP/ OFFICE PREMISES AS PER THE DECLARED L BE ISSUED PERMIT TO CARRY OUT SPECIALISED JOBS ON DOCKS AT BERTH NOS. 1 TO 4, 9 TO 24 OF INDIRA DOCK, BPS, ARRYING OUT ON
FOR PERMIT TO CARRY OUT SPECIAL	AT INDIRA DOCK AND HARBOUR WALL VESSELS IN Mb.P.T'S. LISED JOBS ON BOARD THE VESSELS IN TRUSTEE'S DOCKS AT A DOCK, BPS, BPX, STREAM & ANCHORAGES FOR THE PERIOD
TRUSTEE'S DOCKS AT BERTH NOS. 1 T ANCHORAGES FOR THE PURPOSE OTH UTMOST ABILITY AND KNOWLEDGE V VESSEL OR EQUIPMENT THEREOF. WE	RRY OUT SPECIALISED JOBS ON BOARD THE VESSELS IN O 4, 9 TO 24 OF INDIRA DOCK, BPS, BPX, STREAM & ER THAN IT IS GRANTED FOR. OUR WORKSMEN TO THEIR WILL NOT DAMAGE ANY MbPT PROPERTY OR ANY OTHER WILL BRING INTO THE DOCKS SHIP MACHINERY/EQUIPMENT EPAIR PASS AS ISSUED TO OUR LICENCED WORKSHOP ONLY.
(DOCKS, LABOUR, CUSTOMS, FACTORII ACT AND RULES 1937 AND ALL OTHE	RY RULES, REGULATIONS UNDER VARIOUS PROVISIONS OF LAWS ES, POLLUTION AND ELECTRICITY ACTS/RULES AND PETROLEUM R STATUTORY PROVISION CONCERNING SAFETY OF WORKMEN MbPT's AREA AMENDED FROM TIME TO TIME.
	, COMPANY'S ACCOUNTS ETC. WILL BE MADE AVAILABLE FOR ITIES, LAW ENFORCEMENT AGENCIES WHENEVER REQUIRED.
	E PAYING SALARIES AND ALLOWANCES TO OUR WORKERS AS RGY AND LABOUR DEPT. MANTRALAYA, MUMBAI 400 032, IN 43.
LIST ARE OWNED BY US AND ARE E PREMISES.WE FURTHER UNDERTAKE FOR RUBBISH TO SUCH PLACES AS MAY B	ENTS, MACHINERIES AS GIVEN IN THE CHECK LIST/EQUIPMENT NTERED IN THE DEAD STOCK REGISTER MAINTAINED IN OUR OR CLEANING OF THE DRY DOCK AND FOR CONVEYANCE OF THE E POINTED BY MbPT's AUTHORITIES AND ALSO UNDERTAKE TO CH CLEANING AS AND WHEN INDICATED BY MbPT.
RULES AND REGULATIONS, ACTS, ETC	E COMPLETELY RESPONSIBLE FOR ABIDING ALL THE LAWS, C. PASSED BY GOVERNMENT FROM TIME TO TIME AS REGARDS CTUAL) WELFARE, WAGES, E.P.F., E.S.I.S. ETC.
CLAIMS/COMPENSATION WHICH MAY SALARIES AND WAGES, E.P.F., E.S.I.S.	THE BOARD OF TRUSTEES OF THE PORT OF MUMBAI FOR ANY ARISE IN FUTURE TOWARDS THE LIABILITY OF PAYMENT OF ETC. TO THE LABOURS ENGAGED BY US FOR EXECUTING THE WNERS OF THE SHIP IN MBPT'S HARBOUR, HARBOUR WALL &
WE FURTHER UNDERTAKE TO OBTAL LABOUR LAWS.	AIN LABOUR LICENCE WHEREVER APPLICABLE AS PER THE
	YOURS FAITHFULLY,
DATE	NAME AND SIGNATURE OF THE

1.

2.

3.

4.

5.

6.

7.

AUTHORISED REPRESENTATIVE (S)

SEAL OF THE FIRM
MAKING THE APPLICATION

TITLE OF ABOVE AUTHORISED REPRESENTATIVE(S)

### **UNDERTAKING** (GENERAL)

### **Details of the Jobs carried Out for Mumbai Port Trust**

Sr. No.	Information required	Your remarks/ comments.
1	Any verbal inquiry/ circular inquiry/ tender received from Mumbai Port Trust during the period 2019–20.	YES/ NO
2	Whether your firm has responded/ refused/ excused.	
3	Were you awarded any jobs subsequently.	YES/ NO/ NA.
4	Could you complete/ commission the jobs successfully and satisfactorily.	YES/ NO/ NA.
5	Reason for non – completion/ failure of the job. ( if any )	
6	Number of jobs carried out for Mumbai Port Trust during the Period 2018–19.	
7	Number of jobs carried out for Mumbai Port Trust during the last 5 years. (2011–18).	
8	Any particular remark/ reason for not responding to the request of Mumbai Port Trust for carrying out certain urgent jobs in Trustees Docks.	

### **Undertaking (General)**

### Urgent/ specialised jobs carried out at Mumbai Port Trust

In this connection, it is stated that till now, our firm has not received any Verbal inquiry/ Circular inquiry/ Tender from Mumbai Port Trust regarding some urgent or specialised engineering jobs. However, in future if at all any such intimation is received from Mumbai Port Trust, our firm will be responding positively and if the job is awarded subsequently, will be carrying it out as per the instruction of the concerned officer and to the satisfaction of the Vessel/ Sectional staff, following all the prevailing Dry Dock Bye- Laws/ Trustees Rules and Regulations as applicable in this regard.

_	
	Signature (Authorized Signatory)
	(Authorized Signatory)
Name	

(Seal of the Company)

### **Undertaking (General)**

### Machinery/ Equipment Ownership Declaration.

The Chief Mechanical Engineer, Mumbai Port Trust, Mumbai 400 010	
Sub: Proof of Ownership of machinery/ equipment for Check	List No
Dear Sir,	
We hereby state that the machinery/ equipment required as per Ch owned by us and have been purchased long time back. However, traceable as on date. But now, we have maintained a register showin	the bills of purchase are not available
This is for your information and record please.	
	Yours faithfully
	Signature (Authorized Signatory)
(Seal of the Company)	

### **UNDERTAKING**

### [ ONLY FOR CHIPPING & PAINTING CONTRACTORS]

### Monitoring of Noise Pollution (Decibel level ) at Dry Docks during the grit/copper slag blasting period

This is to state that the Copper Slag/ Grit Blasting on the Vessels at MbPT Dry Docks is normally carried out only during night time after surrounding office premises etc. are empty. All precautions and preventive measures will be taken to control noise pollution below the limit of 85 DBA. Also, we undertake to provide ear-plug/ ear-mufflers, masks etc to our workmen during the Mechanized Chipping & Painting works onboard the docked vessels in the Trustees Dry Dock

_	
	Signature (Authorized Signatory)
Name	

(Seal of the Company)

### **UNDERTAKING**

### [ ONLY FOR CHIPPING & PAINTING CONTRACTORS]

I/ We hereby undertake that we will work according to the bye -laws laid down by the Chipping Painting Section of Mumbai Port Trust and pay the necessary deposit to the Chipping Painting cell. I/We will furnish the information regarding Chipping, Cleaning and Painting activities on board vessels in the Trustees docks especially the manual type where erstwhile DLB workmen have to be necessaryily be employes, to the Officer concerned of Chipping & Painting section of Mechanical Engineering Department before executing any jobs on the vessels in Dry docks, Wet Docks or at stream/ anchorage.

Further, I/ We hereby undertake that no violation of the rules & regulations of the Bombay Chipping and Painting workers (Regulation of Employment) scheme 1969 section 39 (I) rules and also breach of Dry Dock bye-laws shall be carried out by the firm which may attract the minor/ major penalty including suspension/ cancellation of DryDock License.

		Yours faithfully
	_	Signature (Authorized Signatory)
	Name _	
Seal of the Company)		

### **UNDERTAKING**

## FOR PERMIT TO CARRY OUT SPECIALISED JOBS ON BOARD THE VESSELS IN TRUSTEES' DOCKS AT BERTH NOS. 1 TO 4, 9 TO 24 OF INDIRA DOCK, BPS, BPX, STREAM & ANCHORAGES

I/ We hereby undertake that we will abide by the Dry Dock bye -laws of Mumbai Port Trust while working inside the Dry Dock and shall keep the premises inside and outside of the Dry Dock clean, hygienic and shall co- operate with the Officer Incharge of the Dry Dock in removing/ shifting the waste material/ garbage/ muck/ silt/ dirt/ marine waste generated by our firm while working on the vessel inside the Dry Dock, and also to clear the waste materials entering the Dry Dock, during the Docking/ Undocking process. I/We undertake to properly maintaine the cleanliness register maintained in the Dry Dock Office and also to ensure that before flooding the Dry Dock premises etc.are kept clean and tidy.

	Yours faithfully		
	Signature		
	(Authorized Signatory)		
Name			

(Seal of the Company)

### (ON Rs.100.00 STAMP PAPER)

### (FOR ALL)

### **INDEMNITY BOND**

M/s			_ HEREBY	UNDERTAK	E
TO MAKE GOOD THE DAMAGE TO THE AS	SSETS OF MUN	MBAI PORT	TRUST, CA	USED BY OU	R
EMPLOYEES/LABOUR, WHILE CARRYING	OUT THE F	REPAIRING	WORK OF	VESSELS I	N
MUMBAI PORT TRUST PREMISES.					
		_	nature		
		(Authorize	ed Signatory)		
	Name				
(Seal of the Company)	(Title of a	above Authori	zed Represen	tative)	