



MAZAGON DOCK SHIPBUILDERS LIMITED

(Formerly known as Mazagon Dock Ltd.)

CIN : U35100MH1934GOI002079

(A Government of India Undertaking)

Shipbuilders to the Nation

Dockyard Road, Mazagon,

Mumbai 400 010.

INDIA

**Replacement of Roof/ Cladding Sheets,
Painting to the structural members including
minor civil repair and electrical works of cable
shed A, B, 7-C & PPT Plant at Anik Chembur,
MDL, Mumbai**

VOLUME-II

CONDITIONS OF CONTRACT (CoC)

**Conditions of Contract, Payment Terms and
Delivery Schedules**

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1 वितरण अवधि/समापन अनुसूची / DELIVERY PERIOD/COMPLETION SCHEDULE:

1.1. The entire work shall be completed within a period of **12 (Twelve) months** which includes monsoon & mobilisation period from date of placement of purchase order or handing over of site whichever is later.

1.2. The Contractor shall prepare monitoring system by way of Bar chart so as to anticipate the critical activity and take remedial action in advance, for timely completion of work, on priority.

2 दोष दायित्व अवधि / DEFECT LIABILITY PERIOD/WARRANTY PERIOD:

2.1. The defect liability period shall be **One Year** from the date of actual completion of entire work.

2.2. Defect Notification Period is 15 days from the last date of Defect Liability period.

- 2.3. The contractor shall have to rectify any defects noticed in the work either by way of bad material or workmanship during the Defect Liability Period at no extra cost to MDL, on priority

3 निष्पादन बैंक गारंटी / PERFORMANCE BANK GUARANTEE:

- 3.1. Within 21 days after placement of order, the successful Tenderer shall submit "PERFORMANCE BANK GUARANTEE" as per MDL format for 10% of contract value valid till 30 days beyond the stipulated Defect Liability Period of one year from actual completion of entire work.
- 3.2. In case of delays in submission of the Performance Bank Guarantee, MDL reserves the right to charge Interest @ SBAR+2% from the firm for such period of delays.

4 निर्माण सामग्री और उपभोज्य / CONSTRUCTION MATERIALS AND CONSUMABLES:

- 4.1. **Construction Material:** All the materials required for works procured by the Contractor shall be of repute make and as approved by MDL. The rate shall be inclusive of transportation, storage, security, handling etc.
- 4.2. **Consumables:** All the consumable required for the works including temporary works, allied/ associated job etc shall be procured by the Contractor including transportation, storage, security, handling etc.
- 4.3. **Equipment/Machinery:** The contractor shall make his own arrangement for all equipment and machinery including accessories required for execution of work.
- 4.4. **Power:** Power, if available and required by the Contractor, may be supplied in single phase or three phases, at a single nearby source free of cost. The contractor shall make his own arrangement for electrical fittings, cables/wires, welding transformers, etc. at his own cost.
- 4.5. **Water:** The contractor shall make his own arrangement for supply of potable water, connecting lines, storage, etc. at his own cost required for construction purpose during execution of the works.

5 सुरक्षा एवं प्रशिक्षण / SAFETY AND TRAINING:

- 5.1. During the Construction Period, all the time Safety Engineers shall be deputed on site. This is mandatory requirement.
- 5.2. All the workers, Engineers of the contractor shall have Safety PPE's (Personnel Protective Equipments) like Safety Helmets, Safety Shoes, Safety Belts, Hand Gloves, and Goggles etc. Contractors shall also have provision for minimum 5 to 10 visitors PPE's. The periphery of the building shall be covered with the Green net. The contractor shall also provide Safety net and Safety Belts for height work.
- 5.3. All workers on site shall adhere to the best safety practices applicable. All personal, process & material safety procedures shall be planned & implemented on site. Training & regular inspection shall ensure that safety standards are met.
- 5.4. First Aid kit & First aid training shall be given to all key members of the Site team. Proper signages shall be placed on site. Warning in case of any critical/hazardous activity shall be given prior to starting of such activity.
- 5.5. All workers, supervisor's contractor shall optimum training regarding all aspects of site management prior to commencement of work.

6 भुगतान की शर्तें / TERMS OF PAYMENT:

- 6.1. The payment terms under this contract shall be as under:

6.1.1 TIME FOR PAYMENT:

The payment against each R.A bills shall be made within 30 days and the Final bill within 45 days of its receipt in MDL along with all the necessary documents viz Joint Measurement sheets (signed by Contractor & MDL), consent on Measurement Book wherever applicable,

challans, Tax invoices, Test Reports wherever applicable, Material invoice copy, etc wherever applicable.

6.1.2 **FINAL BILL:**

Before submission of the Final bill, the Contractor should sign and submit a "No Claim Certificate" indicating that they do not have any further claim against MDL for the subject Purchase Order except as included in the Final bill.

6.1.3 **MODE OF PAYMENT:**

The payment for work done shall be made through RTGS/NEFT/ECS as per the actual quantities of the work executed by way of running account bills per item basis (R. A. R) on monthly basis. The bills must be submitted in four copies (**1-Original + 3 copies**) along with the joint measurement taken at site with the designated representative of Infra Projects department. All invoices shall be forwarded with a Covering Note in Firm's Letterhead in the MDL format at **Enclosure-3**.

6.1.4 **REBATE FOR TAKING OUT DISMANTLED STEEL:**

The quantity of dismantled MS scrap is expected to be approximately 33 MT. The quantity is only indicative which may vary i.e increase/decrease. Contractor has to dismantle, load and take away the above material out of MDL premises as directed by Engineer-In-Charge. The amount towards rebate for taking out the above dismantled steel shall be recovered @ Rs 16835 per MT from the Contractor's Running Account bills as applicable. The contractor is expected to budget for the same. (Refer Item No C-1) in Tender Vol III.

7 वृद्धि / ESCALATION:

7.1. If the prices of materials (not being materials supplied or services rendered at fixed prices by MDL and/or wages of labour required for execution of the work) increase, the Contractor shall be compensated for such increase as per provisions detailed below and the amount of the contract shall accordingly be varied, subject to the condition that such compensation in prices shall be available only for the work done during the stipulated period of the contract including such period for which the contract is validly extended under the provisions of the contract. Such compensation for escalation in the prices of materials and labour, when due shall be worked out based on the following provisions:

7.1.1. The base date for working out such escalation shall be the last date on which tenders were stipulated to be received.

7.1.2. The cost of work on which escalation will be payable shall be reckoned as 85% of the cost of work as per the bills, running or final, and from this amount the value of materials supplied or services rendered at fixed charges shall be deducted before the amount of compensation for escalation is worked out. In the case of materials brought to site for which any secured advance is included in the bill the final value of such materials as assessed by the Engineer-In-Charge (and not the reduced amount for which secured advance has been paid) shall be included in the cost of work done for operation of this clause. Similarly, when such materials are incorporated in the work and the secured advance is deducted from the bill, the full assessed value of the materials, originally considered for operation of this clause, should be deducted from the cost of the work shown in the

bill, running or final. Further the cost of the work shall not include any work for which payment is made at prevailing market rates.

7.1.3. The compensation for escalation for materials, labour and P.O.L. shall be worked out as per the formula given below:

$$\text{i) } V_m = W \times 0.70 \times (M_i - M_{io}) / M_{io}$$

where

V_m	:	Variation in material cost i.e. increase or decrease in the amount in rupees to be paid or recovered.
W	:	Cost of work done worked out as per para 7.1.2 above.
M_i & M_{io}	:	All India Wholesale Price Index for All Commodities , for the period under reckoning as published by the Economic Advisor to Government of India, Ministry of Industry and Commerce, for the period under consideration and that valid at the time of receipt of tender, respectively.

$$\text{ii) } V_l = W \times 0.25 \times (L_i - L_{io}) / L_{io}$$

where

V_l	:	Variation in labour cost i.e. increase or decrease in the amount in rupees to be paid or recovered.
W	:	Cost of work done worked out as per para 7.1.2 above.
L_i & L_{io}	:	Consumer Price Index for Industrial Labour (All India) declared by Labour Bureau, Govt. of India) as applicable for the period under consideration and that valid at the time of receipt of tenders, respectively.

$$\text{ii) } V_f = W \times 0.05 \times (F_i - F_{io}) / F_{io}$$

where

V_f	:	Variation in cost of fuel, oil and lubricants, increase or decrease in the amount in rupees to be paid or recovered.
W	:	Cost of work done worked out as per para 7.1.2 above.
F_i & F_{io}	:	Average index number of whole sale price for group (fuel, power, light and lubricants) - as published by the Economic Adviser to Govt. of India, Ministry of Industry & Commerce for the period under reckoning and that valid at the time of receipt of tenders, respectively.

7.1.4. The following principles shall be followed while working out the indices mentioned in sub para 7.1.3 above:

- i) The index relevant for any month will be the arithmetical average of the indices relevant to the three calendar months preceding the month in question.
- ii) The base index will be the one relating to the month in which the tender was stipulated to be received.
- iii) The compensation for escalation shall be worked out at quarterly intervals and shall be with respect to the cost of work done during the previous three months. The first such payment will be made at the end

of six months excluding the month in which the tender was submitted and thereafter at three months interval.

- iv) In the event the price of materials and/or wages of labour required for execution of the work decrease/s, there shall be downward adjustment of the cost of work so that such price of materials and/or wages of labour shall be deductible from the cost of work under this contract and in this regard the formula herein before stated under this para 7.1.3 shall mutatis mutandis apply.

8 मूल्य एवं कर / PRICES & TAXES:

8.1. The rates quoted in the Price Bid (Part II) shall include:

- (i) All expenses viz., transportation, storage, royalties, handling, wastage etc. and all applicable taxes, duties & municipal levies, ESIC, PF etc except Goods & Service Tax.
- (ii) **Applicable Goods & Service Tax**, which are to be quoted separately as required in the Price Bid (Part-II).

Price Bids will be evaluated on Total base Price i.e. 8.1 (i) above

- 8.2. Bidders shall indicate the extent (in terms of percentage) of Goods & Service Tax, considered in their Price Bid in the 'BLANK PRICE BID' appearing online in Part-I.
- 8.3. Bidder(s) shall not be entitled to any increase in rate of taxes occurring during the period of extended delivery schedule, if there is delay in supply / completion attributed to him. However, if there is a decrease in taxes, the same must be passed on to MDL.
- 8.4. Taxes and other levies shall be deducted at source wherever applicable as per statutes (e. g. Income tax, Goods & Service Tax) from the bills of the Contractor.
- 8.5. Bidders must separately indicate the percentage of Goods & Service Tax. No change, whatsoever shall be allowed to the indicated percentage of taxes after the tender closing date. Further, the indicated percentage of taxes if exceed the applicable percentage as per Government laws then MDL reserves the right to discount such percentage at par with the statutory requirement during price negotiations.
- 8.6. As per the provision made in article 63, Schedule-I, read with section 30, of the Maharashtra Stamp Act (Bombay Act LX of 1958), Stamp duty is payable by the successful tenderer for "works contract" that is to say, a contract for works and labour or services involving transfer of property in goods (whether as goods or in some other form) in its executions. Hence, the successful tenderer to pay Stamp duty of ₹ 500 + 1% of the amount above ten lacs subject to maximum of Rs. 25.00 Lacs on the Contract Value.
- 8.7. **GST Compliance:**
In accordance to Government of India (GOI) guidelines towards implementation of GST w. e. f. 01 July 2017, bidders are informed that all deliveries post 30.06.2017 shall strictly comply to the provisions / requirement / timelines promulgated by the GOI towards GST Act. The provisional GST numbers issued by GOI is mandatorily required for all the participating bidders and same be indicated in their respective offer.
- 8.8. GST as per GST Laws shall be payable extra as quoted and agreed.
- 8.9. In case of purchases of goods/services from unregistered dealers under GST Laws, GST will be paid by MDL under reverse charge mechanism.
- 8.10. Benefits from reduction in rate of tax/ITC is required to be passed on to consumer. Where "applicable GST" has been quoted as extra, Goods and service providers (except un-registered dealers under GST Law) have to submit declaration that they have complied with 'Anti-profiteering clause' under GST Law. Such declaration be given in technical bid.

- 8.11. If the vendor is registered under GST, vendor shall mention the HSN code for goods &/or SAC for services in their tax invoice, etc. These codes must be in accordance with GST Laws and responsibility of specifying correct HSN codes for goods &/or SAC for services is that of the vendor. MDL shall not be responsible for any error in HSN code for goods &/or SAC for services specified by supplier / contractor. Supplier /Contractor shall pay penalty and/ or interest imposed on MDL or any loss due to delay in availing ITC by MDL or any loss of ITC to MDL due to errors by vendors at any stage. MDL reserves right to recover any such interest, penalty or loss from any amount due to Supplier /Contractor or otherwise.
- 8.12. In case, MDL is unable to avail ITC, supplier/contractor at their own cost shall rectify the shortcoming in the returns to be filed immediately thereafter. Further, if the ITC is delayed / denied to MDL / reversed subsequently as per GST Laws due to non / delayed receipt of goods and / or services and / or tax invoice or expiry of timelines prescribed in GST Laws for availing ITC, non-payment of taxes or non-filing of returns or any other reason not attributable to MDL, Supplier /Contractor shall pay any loss of amount along with interest and penalty on MDL under GST Laws for the number of days the ITC was delayed. If the short coming is not rectified by supplier/contractor and MDL ends up in reversal of credits and / or payments, supplier /contractor is fully liable for making good all the loss incurred by MDL. MDL reserves right to recover any interest, penalty or loss from any amount due to Supplier /Contractor or otherwise.
- 8.13. If the vendor is registered under GST, the GST registration number (15 digit GSTIN) issued by GOI shall be mandatorily provided by the vendor. Vendor having multiple business verticals within state / at multiple states with separate GST registration numbers shall forward GSTIN of only that vertical which is involved in supply of goods and/or services. MDL GSTIN is 27AAACM8029J1ZA and vendor shall mention the same while invoicing and avoid any data entry error on GST portal.
- 8.14. If the vendor is registered under GST, Vendor shall ensure timely submission of invoice as per the provisions / requirement / timeline promulgated by GOI in relation to GST Law with all required supporting documents to enable MDL to avail input tax credit promptly. The vendors invoice inter alia should contain GSTIN of vendor, GSTIN of MDL (i.e. 27AAACM8029J1ZA), GST tax rate separately, HSN code wise goods or services, place of supply, signature of vendor, etc. Original invoice needs to be submitted to Bill Receipt Centre at MDL gate, and a copy of the invoice should be given to the goods receiving section(GRS).
If the vendor is registered under GST, vendor shall file all applicable returns under GST Laws in the stipulated time & any losses of tax credit to MDL arising due to delay in filing will be recovered from their invoice wherever MDL is eligible to avail tax credit. Any default towards payment of tax and / or uploading of monthly returns by supplier/contractor, MDL retains right to withhold payments towards tax portion until the same is corrected & complied by the supplier/contractor with the requirement of GST along with satisfactory evidence

9 विलंब क्षति/ परिनिर्धारित हर्जाना / DELAY DAMAGES/ LIQUIDATED DAMAGES:

- 9.1. Time is the essence of the contract and therefore the job, as ordered, should be completed on the dates mutually agreed upon in accordance with the delivery schedule. In cases of delay not attributable to MDL beyond the agreed schedule, the Contractor shall pay liquidated damages, a sum representing 0.5% (Half percent) per week or part thereof, subject to maximum of 5% of the final Order / Contract value.
- 9.2. If the Contractor fails to complete the works within the time or extended time as per the Order, then the contractor shall pay to MDL the sum stated above as liquidated damages for such default and not as a penalty for every day or part of a day which shall elapse between the time prescribed or extended time as the case

may be and the date of completion of works. MDL may without prejudice to any other method of recovery deduct the amount of such damages from any monies in his hands due or which may become due to the contractor. The payment or deduction of such damages shall not relieve the contractor from his obligation to complete the works or from any other of his obligations and liabilities under the contract.

- 9.3. Part Completion and Taking over by MDL:- If before the completion of the whole of the works any part of the works has been certified by the MDL as completed and occupied or used by MDL the liquidated damages for delay shall for any period of delay after such certification be reduced in the proportion which the value of the part so certified bears to the value of the whole of the works.

10 बाधा / HINDRANCE:

- 10.1. A Hindrance Register as per attached format at **Enclosure-1** shall be maintained with the Designated Representative from IP Department. The Contractor shall submit schedule for completion of work and signed by MDL executive. The Schedule shall list out the major milestones leading to the completion of work as per final delivery date stipulated in the PO/Contract.
- 10.2. The Hindrance Register shall document the following aspect post placement of the PO/ Contract:-
- 10.2.1. Reasons for the delay vis-à-vis the mutually agreed schedule
Delay in MDL (Drawings/ Documents/ Site Clearances/ Services/ Inspection Call)
 - 10.2.2. Delay by Inspection Agency/ Customer
 - 10.2.3. Delay on account of specialist services
 - 10.2.4. Non performance by the Contractor
 - 10.2.5. Delinquency by the vendor
 - 10.2.6. Force Majeure
 - 10.2.7. Any other relevant reason
- 10.3. All the hindrances with date of occurrence and removal are to be noted in the hindrance register. The Hindrance Register will be signed by three parties i.e. authorized Signatory from the Contractor side and Designated Representative from IP Department.
- 10.4. The Contractor may record their observations in the hindrance register. Any objections raised by the contractor shall be attended to and resolved without any delay.
- 10.5. In case the contractor has a different opinion for hindrance and a dispute arises, then the matter shall be referred to next higher authority in MDL and the decision shall be communicated to the Contractor within 15 days. **The Contractor shall note that the decision of the next higher authority from MDL in case of dispute in respect of hindrances during the course of executing an order/ contract shall be final and binding on the contractor.**
- 10.6. In case, MDL is unable to remove the hindrance immediately and if it is likely to take some time, the contractor shall be informed accordingly. In such cases the contractor with MDL's approval may reduce manpower deployed on the work. **The Contractor shall also note that Under no circumstances Contractor shall be paid for idle manpower or idle plant/machinery.**

11 कार्य एवं माप का क्रियान्वयन / EXECUTION OF WORK AND MEASUREMENT:

- 11.1. All works shall be carried out and measured as per specifications and standard Engineering practice and mode of measurements, conforming to the relevant IS code. The Contactor shall ensure that skilled workmen in their respective trades are employed. He shall also employ qualified Engineer(s) / Supervisor(s) experienced in similar type of work, as required, for execution of work(s) efficiently.
- 11.2. Request for permission for working on Saturday / Sunday / holidays if required, should be submitted 3 working days prior to the date of holiday, to Personnel department and Security through Infra Projects Department.
- 11.3. All the quantities indicated in the Bill of Quantities are indicative only. However, the Contractor shall be paid for the actual work carried out at site in line with the Contract terms and conditions.
- 11.4. The work is to be carried out in the area where MDL's normal activities are in progress. The Contractor has to plan his work in such a way as not to disturb the normal activities of MDL. The contractor shall not be paid for any compensation for idle period if generated due to any reason whatsoever. Reasonable extension of time, however, may be considered on application in writing.
- 11.5. All the works under or in course of execution or executed in pursuance of the contract shall at all times be open to inspection and supervision of MDL and the Contractor at all times during the usual working hours, offer assistance for the inspection of work. Orders given to the Contractor's agent shall be considered to have the same force as if they had been given to the contractor himself.
- 11.6. The Contractor shall submit supporting documents such as Delivery Challan(s), Release note from the nominated Inspection Agency, Test reports / Certificates, Packing Lists, Invoice, Performance Guarantee, Storage / Preservation / Installation / Commissioning / Maintenance Procedures & other Technical documentation in requisite sets as relevant along with the invoice for the purpose of certification by MDL.
- 11.7. Contractor shall be responsible for procuring all the materials required for construction. Contractor shall arrange for testing of materials from approved laboratory and submission of test certificates as per specification in accordance with relevant IS Codes. The cost towards testing is deemed to be included in the quoted rates.
- 11.8. All construction materials procured by the contractor should be of approved quality and free from defects. MDL has got all the Rights to Test and Reject any material in part or in full at any point of time.
- 11.9. The Contractor shall comply with the sanitary requirements of the local Medical Health Authorities and bear the cost of any charges levied by such Authorities for the execution of work.
- 11.10. **Availability of sand/other Construction material**
During the tenure of the Contract due to the various reasons, there may be scarcity of availability of cement/sand/aggregate/other construction material in Mumbai region & this type of crises may be for short term or long term. In such circumstances Contractor shall arrange to procure the sand/other Material available from other state/region of India with no

additional cost to MDL. The cost of the same is deemed to be included in Bidder's quote.

11.11. AS-BUILT DRAWINGS:

The Contractor shall prepare and submit to MDL for approval detailed Shop drawings, if any, of the plumbing pipelines/ sanitary pipelines/ electrical wiring, switches and fittings etc, whichever is applicable, on completion of contract/work, whenever directed.

12 स्वच्छता / HOUSEKEEPING:

12.1. Debris generated even in small quantities during execution of work shall be promptly disposed off within 3days, outside MDL. The site shall be maintained clean at all times and **the Contractor is expected to budget for the same**. Also, during dignitary visits, temporary works materials, debris etc shall be shifted suitably without any additional cost to MDL.

12.2. MDL has Designated Bins separately for Scrap Steel and Wood Scrap. Contractor shall segregate unusable scrap steel, wood, if any, and deposit the same in the nearest respective bin.

12.3. Contractor shall arrange separate bins (Approx. 3 to 5 Cum for Debris and Rubbish) on site. Site should be keep always clean.

12.4. In case the debris are not removed, site is not maintained clean, the clearing job shall be done by MDL at Contractor's risk and the cost incurred towards the same plus 15% administrative charges shall be recovered from the Contractor's bills.

12.5. The Construction/ Building material should be stacked and maintained properly on site and the material stacked in open area shall be barricaded, construction/ Building material shall not affect any activity of the Ground floor. Ground floor, surrounding area and approaches shall be kept all the time clean and accessible.

13 मात्रा मे परिवर्तन/अतिरिक्त कार्य / VARIATION IN QUANTITY/ EXTRA ITEM:

13.1. **VARIATION IN QUANTITY**

MDL reserves the right to increase the quantity of any item in the BOQ to any extent provided the increase in the total Estimated Amount due to this change in the quantity over BOQ quantity multiplied by specified rate for all the items put together do not exceed 25% of the Accepted Contract Value. The same is binding on the Contractor and the Contractor shall execute the same at the specified rate in the Purchase Order for that item.

13.2. **EXTRA ITEM:**

13.2.1. A new rate or price shall be negotiated appropriately for an item of work if:

- i. This change in the executed quantity multiplied by specified rate for all the items exceeds 25% of the Accepted Contract Amount. Or
- ii. This item is not specified in the Bill of Quantity of the Purchase Order.

13.2.2. **Derivation of new rates:**

Each new rate or price shall be derived from any relevant rates or price in the Purchase Order with reasonable adjustments to take account of the matters described above, as per following order of precedence for pricing deviations:

- i. In respect of items already included in Bill of Quantities, the new rates shall be derived from the identical item of BOQ.
- ii. In respect of items not included in Bill of Quantities but where similar items are found in BOQ, the new rates shall be derived from the rates of similar item indicated in Bill of quantities, where such a derivation is possible.
- iii. In respect of item neither directly included in BOQ nor there is similarity between the work carried and work specified in BOQ, new rate shall be derived from Standard Schedule of Rates promulgated by CPWD/MBPT/PWD/MIDC considering the percentage quoted/ negotiated during tendering stage.
- iv. Where it is not possible to derive the rates from the above (i) to (iii), the same shall be based on the actual cost to the Contractor plus a profit @ 15%. In this case the Contractor has to produce satisfactory evidence/vouchers as proof of expenditure.

14 अंतिम बिल एवं प्रमाणपत्र लेने हेतु / FINAL BILL AND TAKING OVER CERTIFICATE:

14.1. Within 7 days of completion of work, the contractor shall apply in writing for issue of work completion certificate. Taking Over certificate will be issued by the MDL within one week of satisfactory completion of work and recording of the joint measurement. Within one month after date of issue of work completion certificate, the Contractor shall submit the Final Bill along with a copy of Taking Over Certificate. Final bill submitted after the expiry of the above said period is liable to be rejected

15 बीमा / INSURANCE:

- 15.1. The successful Tenderer has to keep MDL indemnified against any claims by purchasing **CONTRACTOR'S ALL RISK insurance policy** for the full value of the Contract from any Insurance Company of repute.
- 15.2. The policy shall be obtained in the joint names of MDL and the Tenderer, with MDL's name appearing first. The Policy should be of full value of the Contract and shall be valid till the completion of the works.
- 15.3. The original of policy shall be lodged with MDL.

16 OTHER SITE REQUIREMENTS:

16.1. Special conditions:-

- a) All the sheds whose roof replacement is proposed are in occupied condition. The successful bidder/ contractor has to complete entire work in occupied condition. The work is to be carried out in the area where MDL's normal activities are in progress. The Contractor has to plan his work in such a way as not to disturb the normal activities of MDL. The contractor shall not be paid for any compensation for idle period if generated due to any reason whatsoever. Reasonable extension in time, however, may be considered on application in writing.
- b) Contractor shall make his own arrangement for Porta-cabin for their site personnel along with necessary furniture, COMPUTER, PRINTERS, storage cupboards ETC. at his own cost.

- c) Contractor shall make godown for storage of cement and construction material at his own cost.
- d) The materials at b) and c) above should be dismantled and taken back by the Contractor on completion of the work at his own cost.

16.2. CONTRACTOR'S BARRICADES:

- a) Contractor shall arrange to barricade the area where debris and construction materials are stored with relevant board indicating name of Contractor, work and its duration. Contractor shall arrange to clear the debris on daily basis and keep the surrounding clean at all times.
- b) Contractor shall erect and maintain at his own cost barricades required in connection with his operation to guard or protect the storage and site offices etc.
- c) Barricades and hazardous areas adjacent to but not located in normal routes of travel shall be marked by red flasher lanterns at night without any extra cost.
- d) The Contractor has to provide Sign board at site with detailed name of project, name of client and name of consultant with name of Contractor at the entrance of the site and shall be clearly visible without any extra cost.
- e) The Contractor shall also comply with the provisions of Environment Protection Act with regard to air, water & noise pollution.
- f) The Contractor shall provide suitable safety net to prevent damage to men / material at site as directed by Engineer Incharge.

16.3. DEPUTATION OF MANPOWER AT SITE:

At their own cost, Contractor to depute following manpower at site on regular basis subject to approval of Engineer-In-Charge:

i) Technical Manpower:

- a) One full time Project In-charge, BE (Civil) with 10 years experience of Project work.
- b) One full time Site Engineer- Civil, BE (Civil) with 3 years experience in the respective field or Diploma holder with 6 years experience in the respective field.
- c) Site Engineer- Electrical, Diploma in Electrical Engineering with 5 years post qualification experience in the relevant field for a duration of 04 months or as and when required at site.

In case, Contractor fails to deploy the technical manpower as mentioned above for more than 3 continuous (working) days, the following recovery will be made from Contractor's invoice:

Sr. no.	Designation	Amount of recovery per Day (Rs.)
1	Project In charge	3500/-
2	Site Engineer- Civil	2500/-
3	Site Engineer- Electrical	1000/-

ii) Administrative Manpower:

- a) Two office assistants for administrative works such as making gate pass for entry/ exit of men & material inside MDL Yards.

Note: Contractor will be allowed to deploy the replacement of manpower having same qualification & experience subject to approval of Engineer In-charge.

16.4. DOCUMENT TO BE SUBMITTED AT SITE:

The following registers/documents will be submitted at site to Employer's Representative/ consultant by the contractor for approval/ record at his own cost.

- a) QA/QC plan for the said project with its implementation procedure.
- b) Production and Delivery Schedule.
- c) Daily Progress Report as approved by engineer in-charge.
- d) Monthly Progress Report on 25th day of every month along with progress photographs in approved format for the entire project period.

16.5. DOCUMENTS TO BE MAINTAINED AT SITE:

The following registers/documents will be maintained at site by the contractor at his own cost. They should be available for inspection by Employer's representative during his site visit or as required by Employer.

- a) Work instruction Book: For issue of instructions at site. This book shall be in the form of Triplicate book where one copy is taken by inspecting officer, another by the contractor and the third copy remains in the book on which the compliance to be done and noted by Contractor is recorded.
- b) Tender: Certified copy with accepted rates & specifications.
- c) Drawings: One set of all architectural, structural and other drawings issued for the job well preserved by pasting canvass cloth and covered by transparent polythene paper.
- d) Time Bar Chart: Showing latest item wise progress & bar charts for planning.
- e) Structural Steel receipt and daily consumption of steel.
- f) Material at Site Register: material received & indicating receipt and issue on daily basis shall be recorded in this register.
- g) Hindrance Register: For recording any hindrances, reasons & its clearance

16.6. PHOTOGRAPHS:

The Official photographer of MDL will take progress photographs of the work on the 1st of every month (and also when requested by Consultants / Owner), photographs of the progress of the work from various angles and submit it to the Consultants / Owner. Contractor has to inform the Owner in advance in case of requirement for the arrangement of the photographer.

16.7. PROGRESS REVIEW:

Progress of the work shall be reviewed regularly in a meeting between the Contractor and MDL. The meeting shall be held as often as required depending on the exigencies of the work or in any case at least once a month at a mutually convenient time, date at either work site or office of the Client.

17 जल रिसाव के खिलाफ बैंक गारंटी / BANK GUARANTEE AGAINST WATER LEAKAGE:

- 17.1. The successful Tenderer(s) shall submit Bank Guarantee against Water Leakage, as per MDL format at **Enclosure-4**, for the value 10% of the total amount of **roof sheeting/cladding works**, as indicated in the Purchase Order, valid for a period of 5 years from the satisfactory completion of **roofing/cladding work**. The Bank Guarantee shall be submitted before completion of the project/final bill.
- 17.2. Alternatively, in case, the amount of Bank Guarantee against Water Leakage is less than Rs 10,000/-, a retention towards Bank Guarantee against Water Leakage shall be made from the invoices of the Contractor which shall be released after expiry of the period of 5 years from successful completion of the **roof sheeting/cladding works**, works provided there is no defect observed leading to water leakage during the said period required to be rectified by the Contractor

Yours faithfully,
For **MAZAGON DOCK SHIPBUILDERS LIMITED**,

AGM (HOD- IP -COMM)
(A. M. Abhayankar)
Email - mdlipcomm@mazdock.com

Enclosure-1

HINDRANCE REGISTER

1. Name of Work:
2. Contract Agreement No:
3. Date of Commencement:
4. Stipulated Date of Completion:
5. Extended date of Completion, if applicable:
6. Name of the Supplier:

Sr No	Nature of Hindrance	Activity of Work affected	Date of Notification by Contractor	Name & Signature		Action Taken	Date of Removal of Hindrance	Name & Signature	
				Contractor Representative	Site Executive of MDL			Contractor Representative	Site Executive of MDL

Enclosure-2**PROFORMA FOR PERFORMANCE BANK GUARANTEE**

(On Non-Judicial stamp paper)

IN CONSIDERATION OF MAZAGON DOCK SHIPBUILDERS LIMITED, a company incorporated under the Companies Act 1956 and having its registered office at Dockyard Road, Mumbai 400010 (hereinafter referred to as the "the Company" which expression shall, unless it be repugnant or contrary to the subject or context thereof, be deemed to mean and include its successors and assigns) having placed an order on Messers a partnership firm/sole proprietor business/a company registered under the Companies Act, 1956 having its office at(hereinafter called " the Contractors" which expression shall, unless it be repugnant or contrary to the subject or context thereof, be deemed to mean and include its successors and assigns) vide order No..... dated..... (hereinafter called "the order" which expression shall include any amendments/alterations to "the order" issued by "the Purchaser") for the work of _____ as stated in the said Order and the Company having agreed that the Contractors shall furnish a security for the performance of the Contractors obligations and/or discharge of the Contractors liability in connection with the said order and the Company having agreed with the Contractors to accept a performance guarantee, We, Bank having office at (hereinafter referred to as "the Bank" which expression shall include its successors and assigns) hereby agree to pay to the Company without any demur on first demand an amount not exceeding Rs..... (Rupees.....only) against any loss or damage, costs, charges and expenses caused to or suffered by the Company by reason of non performance and non-fulfilment or for any breach on the part of the Contractors of any of the terms and conditions of the said order.

1. We, Bank further agree that the Company shall be sole judge whether the said Contractors has failed to perform or fulfil the said order in terms thereof or committed breach of any terms and conditions of the order and the extent of loss, damage, cost, charges and expenses suffered or incurred or would be suffered or incurred by the Company on account thereof and we waive in the favour of the Company all the rights and defences to which we as guarantors may be entitled to.
2. We, Bank further agree that the amount demanded by the Company as such shall be final and binding on the Bank as to the Bank's liability to pay and the amount demanded and the Bank undertake to pay the Company the amount so demanded on first demand and without any demur notwithstanding any dispute raised by the Contractors or any suit or other legal proceedings including arbitration pending before any court, tribunal or arbitrator relating thereto, our liability under this guarantee being absolute and unconditional.
3. We, Bank further agree with the Company that the Company shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said order/or to extend time of performance by the Contractors from time to time or to postpone for any time to time any of the powers exercisable by the Company against the Contractors and to forbear to enforce any of the terms and conditions relating to the order and we shall not be relieved from our liability by reason of any such variation or extension being granted to the Contractors or for any forbearance, act or omission on the part of the Company or any indulgence by the Company to the Contractors or by any such matter or things whatsoever which under the law relating to sureties would have the effect of relieving us.

4. We, Bank further undertake not to revoke this guarantee during its currency except with the previous consent of the Company in writing.
5. We, Bank also agree that the Bank's liability under this guarantee shall not be affected by any change in the constitution of the Contractors.
6. Notwithstanding anything contained herein above:
 - i) Our liability under this guarantee shall not exceed Rs.....
 - ii) This Bank Guarantee shall be valid upto and including; and
 - iii) We are liable to pay the guarantee amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before(validity + ---weeks from the date of expiry of this guarantee).
7. This Guarantee shall be governed by Indian laws and the Courts at Mumbai, India shall have the exclusive jurisdiction. IN WITNESS WHEREOF the Bank has executed this document on this..... day of.....

For Bank
(By its constituted attorney)

(Signature of a person authorised to sign on behalf of "the Bank")

Format for Covering Note for Submission of Invoice

The Additional General Manager,
Infra Projects Department,
3rd Floor, Alcock Yard,
Mazagon Dock Shipbuilders Limited,
Dock Yard Road,
Mumbai - 400010, INDIA

Sir,

Sub: Modernisation of Marine Piles at NY, MDL Mumbai.

Ref: MDL Purchase Order No.

With reference to the above, we hereby submit our Invoice for the subject work with details

- 1. Our Invoice No..... dtd.....
- 2. Measurement Sheets duly certified by representative of Infra Project Department.
- 3. Period of work carried out and billed in this Invoice:..... to
- 4. Contractual Completion Date:
- 5. Contractor All Risk Policy
 - a. Policy No. & Date:
 - b. Coverage Value of the Policy :
 - c. Valid from..... to
 - d. Policy Issued by(Name of the Issuing Company):
- 6. Performance Bank Guarantee
 - a. PBG No. & Date:
 - b. Value of the PBG
 - c. Valid from..... to
 - d. Extended to (if applicable)
 - e. PBG issued by(Issuing Bank):.....
- 7. Test Reports
 - a.
 - b.
 - c.
 - d.
- 8. Challans/ Bills of materials
 - a.
 - b.
 - c.
 - d.

Signature of Contractor:

Enclosure-4**PROFORMA FOR BANK GUARANTEE AGAINST WATER LEAKAGE**

(On Non-Judicial stamp paper)

IN CONSIDERATION OF MAZAGON DOCK LIMITED, a company incorporated under the Companies Act 1956 and having its registered office at Dockyard Road, Mumbai 400010(hereinafter referred to as the "the Company" which expression shall, unless it be repugnant or contrary to the subject or context thereof, be deemed to mean and include its successors, liquidators and assigns) having placed an order on Messers a partnership firm/sole proprietor business/a company registered under the Companies Act, 1956 having its office at(hereinafter called " the Contractors" which expression shall, unless it be repugnant or contrary to the subject or context thereof, be deemed to mean and include its successors and assigns) vide order No..... dated..... (Hereinafter called "the order" which expression shall include any amendments/alterations to "the order" issued by "the Purchaser") for the work of _____ as stated in the said Order and the Company having agreed that the Contractors shall furnish a security for the performance of the Contractors obligations and/or discharge of the Contractors liability in connection with the **roof sheeting/ cladding work(s)** executed under the said order and the Company having agreed with the Contractors to accept a bank guarantee against water leakage, We, Bank having office at (Hereinafter referred to as "the Bank" which expression shall include its successors and assigns) hereby agree to pay to the Company without any demur on first demand an amount not exceeding Rs..... (Rupees.....only) 10% of the total value of **roof sheeting/ cladding work(s)** in the order against any loss or damage, costs, charges and expenses caused to or suffered by the Company by reason of any defects in **roof sheeting/cladding work(s) leading to water leakage** by the Contractor, as per the terms and conditions of the said order.

1. We, (Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for satisfactory performance and fulfillment in all respects of the said contract, which consists of 05 years after satisfactory completion of the **roof sheeting/ cladding work** as per terms and conditions of the said order.
2. We, Bank further agree that the Company shall be sole judge whether the said Contractors has failed to perform or fulfill the said order in terms thereof or committed breach of any terms and conditions of the order and the extent of loss, damage, cost, charges and expenses suffered or incurred or would be suffered or incurred by the Company on account thereof and we waive in the favour of the Company all the rights and defenses to which we as guarantors may be entitled to.
3. We, Bank further agree that the amount demanded by the Company as such shall be final and binding on the Bank as to the Bank's liability to pay and the amount demanded and the Bank undertake to pay the Company the amount so demanded on first demand and without any demur notwithstanding any dispute raised by the Contractors or any suit or other legal proceedings including arbitration pending before any court, tribunal or arbitrator relating thereto, our liability under this guarantee being absolute and unconditional.
4. We, Bank further agree with the Company that the Company shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said

order/or to extend time of performance by the Contractors from time to time or to postpone for any time to time any of the powers exercisable by the Company against the Contractors and to forbear to enforce any of the terms and conditions relating to the order and we shall not be relieved from our liability by reason of any such variation or extension being granted to the Contractors or for any forbearance, act or omission on the part of the Company or any indulgence by the Company to the Contractors or by any such matter or things whatsoever which under the law relating to sureties would have the effect of relieving us.

5. We, Bank further undertake not to revoke this guarantee during its currency except with the previous consent of the Company in writing.

6. We, Bank also agree that the Bank's liability under this guarantee shall not be affected by any change in the constitution of the Contractors.

7. Notwithstanding anything contained herein above:

- i) Our liability under this guarantee shall not exceed Rs.....
- ii) This Bank Guarantee shall be valid upto and including; and
- iii) We are liable to pay the guarantee amount or any part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before.(Validity + ---weeks from the date of expiry of this guarantee).

8. This Guarantee shall be governed by Indian laws and the Courts at Mumbai, India shall have the exclusive jurisdiction.

IN WITNESS WHEREOF the Bank has executed this document on this.....day of

For Bank
(by its constituted attorney)
(Signature of a person authorised to sign on behalf of "the Bank")