



Bid Number/बोली क्रमांक (बिड संख्या):
GEM/2023/B/4405950
Dated/दिनांक : 12-01-2024

Bid Document/ बिड दस्तावेज़

Bid Details/बिड विवरण	
Bid End Date/Time/बिड बंद होने की तारीख/समय	02-02-2024 14:00:00
Bid Opening Date/Time/बिड खुलने की तारीख/समय	02-02-2024 14:30:00
Bid Offer Validity (From End Date)/बिड पेशकश वैधता (बंद होने की तारीख से)	180 (Days)
Ministry/State Name/मंत्रालय/राज्य का नाम	Ministry Of Defence
Department Name/विभाग का नाम	Department Of Defence Production
Organisation Name/संगठन का नाम	Mazagon Dock Shipbuilders Limited
Office Name/कार्यालय का नाम	*****
Total Quantity/कुल मात्रा	10
Item Category/मद केटेगरी	Supply, Installation and Commissioning of Porta Cabin (Q3)
MSE Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से एमएसई छूट	No
Startup Exemption for Years of Experience and Turnover/ अनुभव के वर्षों से स्टार्टअप छूट	No
Document required from seller/विक्रेता से मांगे गए दस्तावेज़	Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
Bid to RA enabled/बिड से रिवर्स नीलामी सक्रिय किया	No
ITC available to buyer/क्रेता के लिए उपलब्ध आईटीसी	Yes
Type of Bid/बिड का प्रकार	Two Packet Bid
Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय	2 Days
Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No

Bid Details/बिड विवरण

Payment Timelines	Payments shall be made to the Seller within 15 days of issue of consignee receipt-cum-acceptance certificate (CRAC) and on-line submission of bills (This is in supersession of 10 days time as provided in clause 12 of GeM GTC)
Evaluation Method/मूल्यांकन पद्धति	Total value wise evaluation
Financial Document Required/वित्तीय दस्तावेज की आवश्यकता है।	Yes

EMD Detail/ईएमडी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
EMD Amount/ईएमडी राशि	150000

ePBG Detail/ईपीबीजी विवरण

Advisory Bank/एडवाइजरी बैंक	State Bank of India
ePBG Percentage(%) / ईपीबीजी प्रतिशत (%)	10.00
Duration of ePBG required (Months) / ईपीबीजी की अपेक्षित अवधि (महीने).	41

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy./जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज प्रस्तुत करने है। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable./ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए।

Beneficiary/लाभार्थी :

GM(M)
Mazagon Dock Shipbuilders Limited, Dockyard Rd, Mumbai - 400 010
(Hare Ram Singh)

Splitting/विभाजन

Bid splitting not applied/बोली विभाजन लागू नहीं किया गया.

MII Purchase Preference/एमआईआई खरीद वरीयता

MII Purchase Preference/एमआईआई खरीद वरीयता	Yes
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MSE Purchase Preference/एमएसई खरीद वरीयता

MSE Purchase Preference/एमएसई खरीद वरीयता	Yes
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1. Preference to Make In India products (For bids < 200 Crore):Preference shall be given to Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. The minimum local content to qualify as a Class 1 local supplier is denoted in the bid document. If the bidder wants to avail the Purchase preference, the bidder must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which no purchase preference shall be granted. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020. Only Class-I and Class-II Local suppliers as per MII order dated 4.6.2020 will be eligible to bid. Non - Local suppliers as per MII order dated 04.06.2020 are not eligible to participate. However, eligible micro and small enterprises will be allowed to participate .The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023.

[OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

2. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer)of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 100%(selected by Buyer) percentage of total QUANTITY.The buyers are advised to refer the OM No.F.1/4/2021-PPD dated 18.05.2023

[OM No.1 4 2021 PPD dated 18.05.2023](#) for compliance of Concurrent application of Public Procurement Policy for Micro and Small Enterprises Order, 2012 and Public Procurement (Preference to Make in India) Order, 2017.

3. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

Supply, Installation And Commissioning Of Porta Cabin (10 set)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/कमशः श्रेणी 1 और श्रेणी 2 के स्थानीय आपूर्तिकर्ता के रूप में अर्हता प्राप्त करने के लिए आवश्यक)

Technical Specifications/तकनीकी विशिष्टियाँ

Buyer Specification Document/क्रेता विशिष्टि दस्तावेज़	Download
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Input Tax Credit(ITC)/इनपुट कर क्रेडिट(आईटीसी) and/ तथा Reverse Charge(RCM)/रिर्स चार्ज (आरसीएम) Details

ITC on GST/जीएसटी पर इनपुट कर क्रेडिट	ITC on GST Cess/जीएसटी उपकर कर क्रेडिट
100%	100%

Consignees/Reporting Officer/परेषिती/रिपोर्टिंग अधिकारी and/ तथा Quantity/मात्रा

S.No./क्र. सं.	Consignee Reporting/Officer/ परेषिती/रिपोर्टिंग अधिकारी	Address/पता	Quantity/मात्रा	Delivery Days/डिलीवरी के दिन
1	*****	*****RAIGARH(MH)	10	90

Buyer added Bid Specific Additional Scope of Work

S.No.क्र.सं.	Document Title	Description	Applicable/रिवर्स प्रभार के अनुसार जीएसटी i.r.o. Items
1	Supply, Installation and commissioning of Porta Cabin View	Supply, Installation and commissioning of Porta Cabin	Supply, Installation And Commissioning Of Porta Cabin(10)

The uploaded document only contains Buyer specific Additional Scope of Work and / or Drawings for the bid items added with due approval of Buyer's competent authority. Buyer has certified that these additional scope and drawings are generalized and would not lead to any restrictive bidding.

Buyer Added Bid Specific Terms and Conditions/क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें

1. Generic

Actual delivery (and Installation & Commissioning (if covered in scope of supply)) is to be done at following address

Surjeet Sur (MAZAGON DOCK SHIPBUILDERS LIMITED
NHAVA YARD, AT AND PO NHAVA, DISTRICT RAIGAD
LANDMARK - NEAR ONGC SUPPLY BASE
RAIGARH(MH),
MAHARASHTRA-410206,

2. Generic

Bidder shall submit the following documents along with their bid for Vendor Code Creation:

- Copy of PAN Card.
- Copy of GSTIN.
- Copy of Cancelled Cheque.
- Copy of EFT Mandate duly certified by Bank.

3. **Generic**

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

4. **Generic**

The successful bidder has to supply all essential accessories required for the successful installation and commissioning of the goods supplied. Besides standard accessories as per normal industry practice, following accessories must be part of supply and cost should be included in bid price:

All Essential Accessories Required for Porta Cabin Commissioning

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5. **Scope of Supply**

Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

6. **Inspection**

Pre-dispatch inspection at Seller premises (Fee/Charges to be borne by the BUYER): Before dispatch, the goods will be inspected by Buyer / Consignee or their Authorized Representative or by Nominated External Inspection Agency (independently or jointly with Buyer or Consignee as decided by the Buyer) at Seller premises (or at designated place for inspection as declared / communicated by the seller) for their compliance to the contract specifications. Fee/Charges taken by the External inspection Agency and any external laboratories testing charges shall be borne by the Buyer. For in-house testing, the Sellers will provide necessary facilities free of cost. Seller shall notify the Buyer through e-mail about readiness of goods for pre-dispatch inspection and Buyer will notify the Seller about the Authorized Representative/ Nominated External Inspection Agency and the date for testing. The goods would be dispatched to consignee only after clearance in pre-dispatch inspection. Consignee's right of rejection as per GTC in respect of the goods finally received at his location shall in no way be limited or waived by reason of the goods having previously been inspected, tested and passed by Buyer/ Consignee or its Nominated External Inspection Agency prior to the goods' shipment. While bidding, the sellers should take into account 7 days for inspection from the date of email offering the goods for inspection. Any delay in inspection beyond 7 days shall be on the part of the buyer and shall be regularised without Liquidated Damages.

When there is requirement of submission the advance sample, the seller shall inform the buyer promptly through emails about the date of submission of sample to the buyer nominated Inspection agency.

7. **Certificates**

The bidder is required to upload, along with the bid, all relevant certificates such as BIS licence, type test certificate, approval certificates and other certificates as prescribed in the Product Specification given in the bid document.

8. **Certificates**

Material Test Certificate Should Be Sent Along with The Supply. The Material Will Be Checked by Buyer's Lab & the Results of the Lab will be the Sole Criteria for Acceptance of the Item.

9. **Certificates**

Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.

10. **Warranty**

Warranty period of the supplied products shall be 3 years from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during

the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

11. **Forms of EMD and PBG**

Bidders can also submit the EMD with Payment online through RTGS / internet banking in Beneficiary name

MAZAGON DOCK SHIPBUILDERS LIMITED
Account No.
10005255246
IFSC Code
SBIN0009054
Bank Name
STATE BANK OF INDIA
Branch address
MAZAGAON BRANCH, MAZAGON,MUMBAI-400010

. Bidder to indicate bid number and name of bidding entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer along with bid.

12. **Forms of EMD and PBG**

Successful Bidder can submit the Performance Security in the form of Payment online through RTGS / internet banking also (besides PBG which is allowed as per GeM GTC). On-line payment shall be in Beneficiary name

MAZAGON DOCK SHIPBUILDERS LIMITED
Account No.
10005255246
IFSC Code
SBIN0009054
Bank Name
STATE BANK OF INDIA
Branch address
MAZAGAON BRANCH, MAZAGON,MUMBAI-400010

. Successful Bidder to indicate Contract number and name of Seller entity in the transaction details field at the time of on-line transfer. Bidder has to upload scanned copy / proof of the Online Payment Transfer in place of PBG within 15 days of award of contract.

13. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

All bidders shall upload a scanned copy of the following documents along with their bid:

- 1) EMD Amount:- Rs. 1,50,000/-

- 2) EMD payment details as per tender. Note: Micro & Small Enterprises who are manufacturer or service provider for the tendered item and/or Bidder's who are permanently registered as a manufacturer for the tendered item with Mazagon Dock Ship Builders Limited (MDL) are exempted from submission of EMD (Valid MDL Registration Document to be enclosed along with the bid). All other bidders who fall under Medium Manufacturing and services criteria shall pay the EMD online / PBG and provide the transaction details along with their bid. Non-submission of EMD transaction details shall lead to categorical rejection of your offer without any intimation. Firms claiming EMD exemption should submit Bid Bond Declaration as per attached format. **(Non-Submission of EMD documents is under categorical rejection)**

3) **Technical Pre-Qualification**

The OEM or Authorized dealer of OEM or Authorized bidder of OEM shall submit following document in support of Pre-Qualification Criteria:- Purchase order / Work Order for supply, Installation and commissioning of 10 Nos. of Porta Cabin in the last 1 year or 15 nos. of porta cabin in last 3 years from date of tender.

4) **Commercial Pre-Qualification**

- (i) The average annual financial turnover of 'The bidder' during the last three years, ending 31st March (or any other year ending followed in relevant country) of the previous financial year excluding the calendar year of tendering should be at INR [22,50,000] (i.e. 30% of the estimated annualized value of the supplies being tendered) as per the annual report (audited balance sheet and profit and loss account) of the relevant period, duly authenticated by a Chartered Accountant/Cost Accountant in India or equivalent in relevant countries.
- (ii) (ii) Bidders Shop and establishment registration certificate or registration certificate from registrar of firms or certificate of incorporation from Registrar of Companies (Not required for permanent registered vendors with MDL).

5) **Bidder has to submit following annexure on their letterhead as per format)**

- a) Annexure-1 :- Local Content Declaration
- b) Annexure-2 :- Safety Instruction for Sub-contract

- 6) **Contact details for Queries:** In case of any clarification regarding tender condition / Specification, bidders are requested to contact following executives, before tender closing.

Technical

- Mr Surjeet Sur, DGM/OIC (Shipbuilding- Nhava Yard)
022 27212227, 9029512264 ssur@mazdock.com
- Mr. Chandrashedkhar, M (Nhava yard)
022 2376 3221, 773891033, cshekhar@mazdock.com

Commercial

- Mr Sumit Deore, CM(C-MP)
022 23763256, 9850998939, sadeore@mazdock.com
- Mr S K Dhiman, DGM (C-MP)
022 23763246, skdhiman@mazdock.com

14. **Buyer Added Bid Specific ATC**

Buyer uploaded ATC document [Click here to view the file.](#)

15. **Generic**

Bidders shall quote only those products (Part of Service delivery) in the bid which are not obsolete in the

market and has at least 5 years residual market life i.e. the offered product shall not be declared end-of-life by the OEM before this period.

16. **Generic**

The seller is required to print logo as per buyer's requirement.

Disclaimer/अस्वीकरण

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. Any clause(s) incorporated by the Buyer regarding following shall be treated as null and void and would not be considered as part of bid:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process.
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.
10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

[This Bid is also governed by the General Terms and Conditions/ यह बिड सामान्य शर्तों के अंतर्गत भी शासित है](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws./जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो।बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्यवाई का आधार होगा।

---Thank You/धन्यवाद---

Scope of Work

Following scope of work is proposed for Design, manufacturing, supply and installation of Ten (10) nos. of portable cabins (Double Decker) to MDL Nhava Yard.

1. Requirement:

- Design, manufacturing, supply and installation of Ten (10) nos. of portable cabins to MDL in same sizes as per specifications at **annexure -A**. These portable cabins are to be used as office spaces/stores at various locations inside MDL Nhava Yard.
- These are double decker porta cabins with Air conditioners fitted on both the floors, G floor and G+1. The floors shall be made separately and shall be assembled on bolting arrangement at site to give a shape of double Decker porta cabin. Both G & G+1 cabin shall be able to meet its own requirement as per Annexure –A standalone and shall also be able to be used as two separate cabins if detached.
- The G floor is intended to be used as office space or store.
- The G+1 floor is intended to be used as office spaces.

2. Quantity:


Sr. No.	Description	Qty.	Consists of	Size of Each floor cabin
1	Double decker AC Porta Cabins	10	10 G floor & 10 G+1 floor Refer Annexure A	20' X 10' X 8.6'

3. Design & Drawings:

- Bidder shall design porta cabins for the requirement stated at **Annexure-A**.
- Bidders, along with their technical bids shall submit design & drawings offered (structural, sectional and also layout drawings) for desired load capacity and specification as per **Annexure-A**.
- Bidder shall design the cabin considering factor of safety used for designing the porta cabin/container as per normal standard practices and same should be mentioned on drawings too.
- Successful bidder (on whom order is placed) should submit drawings (structural as well as layout drawing) along with design data for validation by MDL NHY within one week of receipt of order.
- Successful bidder shall also submit stage inspection schedule along with drawing submission.

4. Manufacturing:

- Successful bidder shall have to fabricate porta cabins as per approved drawings only. The fabrication work shall be of sound engineering practices and of satisfactory workmanship.
- Any change in design shall have prior approval of MDL NHY in writing and drawings shall be revised to that extant.
- The revised drawing shall be signed by both MDL NHY and bidder.


 SURJEET SUR
 उप महाप्रबंधक (जहाज निर्माण-न्हावा यार्ड)
 DEPUTY GENERAL MANAGER / OIC (SHIPBUILDING-NHAVA YARD)
 माझगांव डॉक शिपबिल्डर्स लिमिटेड
 MAZAGON DOCK SHIPBUILDERS LIMITED

5. Inspection and testing:

- Bidder should submit stage inspection schedule for offering the cabin to MDL team for stage inspection at bidder's workshop, along with drawing submission.
- Material test certificates for material used shall be submitted.
- A leak test by water jet/hose test/ chalk test shall be carried out on each porta cabin before putting inside panel and insulation materials.
- Bidder shall give call at least 10 days prior of offering the stage inspection to MDL.
- Stage inspection by MDL user dept. or Nhava Yard or Inspection dept. at bidder's workshop.
- Receipt inspection at MDL Nhava Yard by MDL Inspection dept.

6. Delivery:

- All porta cabins shall be delivered on door delivery basis to MDL Nhava Yard.
- Porta Cabins shall be delivered as per following schedule:

10 Nos.	90 Days from placement of PO
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7. Installation:

- The porta cabins to be supplied and installed at sites as per instruction from MDL Nhava Yard.
- Placement at site: Lengthwise, standalone, double decker form/single cabin form as per requirement.
- Contractor to obtain successful installation certificates from the user dept. for which it is installed at site.
- The cabins to be assembled at site in double decker/single decker form as per requirement stated by MDL NHY Representative.

8. Safety:

- The porta cabins shall have a first aid of its own for emergency.
- First Aid box shall contain "Dettol-500ml, Cottons roll, Band Aids of assorted size, crepe band, eye drops, Burnol, Iodex, normal bandages" etc.
- Each deck of all the porta cabins shall have fire extinguisher of its own kept near the door. Each having a capacity of 3kg (CO2 type).

9. Crane facility at MDL:

- For loading (at suppliers premises), unloading and during installation (at MDL Nhava Yard) of porta cabins supplier has to bring their own crane, fork lift, Hydra, Manpower etc. and required tools and tackles for installation.

10. Guarantee:

- Porta cabins supplied along with all furniture & fixtures shall be covered under free guarantee for minimum period of 3 years from date of successful installation at site.

11. "Bidder's shall be original manufacturer of porta cabin. Bidders to submit the list of manufacturing facilities with capacities at their workshops". Bids from mere supplier/third party shall not be accepted.

12. All plywood used shall be of Marine Grade.

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प्रबंधक (जहाज निर्माण-न्हावा यार्ड)
GENERAL MANAGER / OIC (SHIPBUILDING-NHAVA YARD)
मार्सा डॉक शिपबिल्डर्स लिमिटेड
MARAZON DOCK SHIPBUILDERS LIMITED

G Floor Cabin Specification**1. Structural Specifications:**


Load bearing capacity & overall size:		
i	Load bearing capacity of double decker cabin	G floor - 10 Tons Standalone However, the frames shall be designed in such a way that it shall be able to withstand 16 Tons in Double decker form i.e. its own capacity of 10 Tons as well 6 Tons capacity of G + 1 cabin placed above it with bolting arrangements.
ii	Cabin Size	Ground floor (G) - 20 feet (L) x 10 feet (W) x 8.6 feet (H)

Frames of cabin :		
i	Bottom Frame	I beam
ii	Top Frame	Square pipe
iii	Side Post	Square pipe
iv	Stiffener bottom	C channels
v	Stiffener Top	Square pipe
vi	Stiffener side walls	C channels

Note: i. Structure of G floor cabin shall be designed in such a way that it shall also be able to take the load of G+1 cabin along with load of persons, furniture and fixtures.
ii. Lifting arrangement shall also be designed such that both G & G+1 cabin shall be lifted together i.e. in form of double decker cabin.

Wall Surface of each floor cabin :		
i	Paneling outside walls	1.25 mm G.I. corrugated sheet
ii	Paneling inside walls	Aluminum Composite Panels (ACP), Minimum thickness – 3mm

Flooring :		
i	Flooring (G floor)	6 mm MS chequered plate


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 मझगॉन डॉक शिपबिल्डर्स लिमिटेड
 MAZAGON DOCK SHIPBUILDERS LIMITED

Ceiling:		
i	(G floor) cabin	<ul style="list-style-type: none"> • Top inner - decorated with Aluminum Composite Panels of 3mm minimum thickness • Top outer - Galvanized sheet of 1.25mm thick grooved sheet

2. Insulation:

i	Ground floor	<ul style="list-style-type: none"> • All voids within the external & inner wall, inner & outer ceiling shall be filled with RB glass wool 50mm thick which possess a rare combination like lower thermal conductivity and high resistance to moisture. Density: 24kg/m³. • Insulation of door also to be done.
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3. Furniture:

Ground floor cabin:		
i	Workstation Qty : 05 nos detachable	<ul style="list-style-type: none"> • Size 4 feet X 2 feet (approx.) along with; <ul style="list-style-type: none"> ○ keyboard tray, ○ CPU trolley with cable manager ○ One LAN connection ○ One mid back chair of reputed make
	Network Switch	• 01 no. of reputed make
	Overhead cabinet Qty : 05 nos	Size 4feet X 1.5feet (approx.) with 02 leaf door & locking arrangement
	Executive table with both side drawer	Size : 5 feet X 2.5 feet Qty : 01 With One LAN connection
	Revolving mid back chair	Make : Reputed Qty : 01
	Helmet Holder Point	10 nos.

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GENERAL MANAGER / OIC (SHIPBUILDING-NHAVA YARD)
मराठा डॉक शिपबिल्डर्स लिमिटेड
MARATHON DOCK SHIPBUILDERS LIMITED

4. Electrification & Wiring:

G floor :	<ul style="list-style-type: none"> • One number four pole, 32 Amp MCB, along with suitable sheet metal enclosure (equivalent to IP 65) with glands. Make L&T/Legrand/Crabtree etc (As per MDL choice) and to be placed outside the cabin at Man height. • 8 nos. of tube lights (18X2 -36W) flushed with ceiling/4 nos. Lights –18-20 W led lamps to be provided, Make Philips/Surya/ Syska / Havells / Halonix etc. (As per MDL choice) • 4 nos. of wall mounting fans shall be provided. Fan shall be of Bajaj, Usha, Havels, Reemi ets (As per MDL choice) • 5 Amp socket– 6 nos., Make Roma/anchor/ Philips (As per MDL choice). • 16 Amp socket with switch break– 1 nos, Make Roma/anchor/ Philips (As per MDL choice). • Telephone lines for EPBAX connection • 1 Inverter Split A/C 1.5 Ton 5 star rating of Reputed Make eg. O General, Voltas, Blue Star, Hitachi etc (as per MDL Choice). • Door light with monsoon protection – Led 12-14 watts, Make-Philips/Surya/Syska/Havells/Halonix etc. (As per MDL choice) • Brackets for securing A/C unit outside the cabin • Six (06) LAN connection, 01 for each workstation and 01 near to executive table. • 01 no. exhaust fan (12inch)with switch & socket shall be provided, Make Orient/Cromptons/Usha etc (As per MDL choice).
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Note:


- All wiring shall be concealed within the container.
- Main incoming wire shall be of 7/20.
- For power and machine points wire shall be of 4 sq. mm FLRS grade copper wire.
- All wiring shall be in parallel.
- All switches used shall be of flushed/piano type.

5. Door:

- One no. of door with bended door frame to be provided.
- External and internal wall of the door shall be of galvanized sheet of 1.25mm with Godrej latch lock and door handle and hand drop.
- Three keys for the door latch shall be provided.
- Insulation of door shall have to same as that of cabin wall.
- One no. rectangular eye hole (Size 200mm x 200mm) with glass shall be provided on the door at eye level
- Bracket arrangement along with name board shall be provided at front outside wall (Size 600mmX450mm) approx.
- Monsoon shade/canopy outside door shall be provided
- Led light with grill to be provided above the door.

6. Window:

- 2 nos. of window of size 4 feet x 3feet (approx.) to be provided and shall be of aluminum double shutter sliding type (Powder coated) with dark floated glass with M.S. grill of suitable design.
- Venetians blinds, of colour scheme chosen by MDL, to be provided for the windows.
- Monsoon shade/canopy outside windows shall be provided.


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 DEPUTY GENERAL MANAGER / OIC (SHIPBUILDING-NHAVA YARD)
 भाजगांव डॉक शिपबिल्डर्स लिमिटेड
 MAJAGON DOCK SHIPBUILDERS LIMITED

7. Paints:

Coat	MS Material	Galvanized Material	Shade	Bench Marked vendors
Primer	2 pack Epoxy DFT 30 μ	Etching primer 10 μ 2 pack Epoxy DFT 20 μ	Vendor Free to decide	<ul style="list-style-type: none"> Asian Paints Nerolac Paints Hempel Paints PPG Coatings International Paints (Akzo Nobel) Jotun Paints Chugoku Paints
Intermediate Coat	2 pack epoxy/PU DFT 35 μ	2 pack epoxy/PU DFT 35 μ	Vendor Free to decide	
Top Coat	2 pack PU DFT 35 μ	2 pack PU DFT 35 μ	Grey-RAL 7040 (Window Grey) Blue-RAL 5005 (Signal Blue) Yellow-RAL 1003 (Signal Yellow) White -RAL 9003 (Signal White)	
Total DFT	Min 100 μ	Min 100 μ	Min 100 μ	

- The burn areas shall be touched up on completion of fabrication work.
- Blue and White Zebra stripes on staircase/ladder shall be provided.
- There shall be no apparent colour mismatch between porta cabins supplied in different stages
- The porta cabins should have MDL logo painted on all four external wall surfaces. The location and size of the MDL logo shall be the same as present in existing porta cabins in MDL Mumbai.
- Two no. 4" blue band to be painted on G floor cabin while one 4" stripe shall be painted on the top cabin.
- Contractor to specify the vendor whose scheme it shall apply from amongst the bench marked vendors
- The firm to follow the application guidelines of respective OEMs as indicated in its product specification and product data sheets. The same also needs to be uploaded in the proposal document.

8. Drain System:

- Drain system shall be provided for discharge of rain water to drainage on ground
- Roof rail gutter to be provided for easy discharge with approx. 2" drain pipe.

9. Leg Height:

The leg height of porta cabin (G floor) shall be kept 7 to 9 inches with wire grill to avoid the entry of rodents and accumulation of rubbish.

10. Access to G+1 Decks (Ladder)

- External ladder shall be provided for accessing the G+1 floor.
- The ladder shall be of detachable type i.e. with bolting arrangements.
- The stairway having 14 risers of 200 mm height and 13 treads of 250mm to be provided.
- The width of the stairway should be of 1metre.
- Adequate landing space at G+1 deck level with rails on the two open sides to be provided.
- The stairway to have rails made up of mild steel.
- The step should be made up of MS chequered plates.

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 नव्याव डॉक शिपबिल्डर्स लिमिटेड
 NHAVA DOCK SHIPBUILDERS LIMITED

G + 1 Floor Cabin Specification:**1. Structural Specifications:**

Load bearing capacity & overall size:		
i	Load bearing capacity of G+1 cabin	First Floor (G+1) - 6 Tons Standalone
ii	Cabin Size	First Floor (G+1) - 20 feet (L) x 10 feet (W) x 8.6 feet (H) and


Frames of each floor cabin :		
i	Bottom Frame	C channels
ii	Top Frame	Square pipe
iii	Side Post	Square pipe
iv	Stiffener bottom	C channels
v	Stiffener Top	Square pipe
vi	Stiffener side walls	C channels

Note: i. Structure of G+1 floor cabin shall be designed in such a way that it shall be able to be bolted together with G floor for using them as double Decker porta cabin.
ii. Lifting arrangement shall be provided for lifting the cabins standalone.

Wall Surface of each floor Cabin:		
i	Paneling outside walls	1.25 mm G.I. corrugated sheet
ii	Paneling inside walls	Aluminum Composite Panels (ACP), Minimum thickness – 3mm

Flooring:		
i	Flooring (G + 1 floor)	6 mm MS chequered plate ,19 mm plywood PVC carpet

Ceiling:		
ii	(G + 1 floor) cabin	<ul style="list-style-type: none"> • Top inner - decorated with Aluminum Composite Panels of 3mm minimum thickness • Top outer, Galvanized sheet of 1.25mm thick grooved sheet • The roof of the top porta cabin (G+1) shall be made with slope and sealing along with proper arrangement of rain water outlet through suitable down take pipes


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 शिपबिल्डर्स लिमिटेड
 DECK SHIPBUILDERS LIMITED

2. Insulation:

i	G+1	<ul style="list-style-type: none"> All voids within the external & inner wall, inner & outer ceiling shall be filled with RB glass wool 50mm thick which possess a rare combination like lower thermal conductivity and high resistance to moisture. Density: 24kg/m³. Insulation of door also to be done.
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3. Furniture:

First floor cabin:		
i	Workstation Qty : 05 nos detachable	<ul style="list-style-type: none"> Size 4 feet X 2 feet (approx.) along with; <ul style="list-style-type: none"> keyboard tray, CPU trolley with cable manager One LAN connection One mid back chair of reputed make
	Network Switch	• 01 no. of reputed make
	Overhead cabinet Qty : 05 nos	Size 4feet X 1.5feet (approx.) with 02 leaf door & locking arrangement
	Executive table with both side drawer	Size: 5 feet X 2.5 feet Qty: 01 With One LAN connection
	Revolving mid back chair	Make: Reputed Qty : 01
	Helmet Holder Point	10 nos.

4. Electrification & Wiring:

G + 1 floor	<ul style="list-style-type: none"> One number four pole, 32 Amp MCB, along with suitable sheet metal enclosure (equivalent to IP 65) with glands. Make L&T/Legrand/Crabtree etc. (As per MDL choice) and to be placed outside the cabin at Man height. 8 nos. of tube lights (18X2 -36W) flushed with ceiling/4 nos. Lights -18-20 W led lamps to be provided, Make Philips/Surya/Syska/Havells/Halonix etc. (As per MDL choice) 4 nos. of wall mounting fans shall be provided>fan ns shall be of bajaj,Usha,Havels,Reemi ets (As per MDL choice) 5 Amp socket- 6 nos., Make Roma/anchor/ Philips (As per MDL choice). 16 Amp socket with switch break- 1 nos, Make Roma/anchor/ Philips (As per MDL choice). 1 AC 1.5 Ton Inverter five-star rating capacity of Reputed Make like O General, Blue star, Hitachi, Voltas (As per MDL Choice) Telephone lines for EPBAX connection. Door light with monsoon protection - Led 12-14 watts, Make-Philips/Surya/Syska/Havells/Halonix etc. (As per MDL choice) Brackets for securing A/C unit outside the cabin Six (06) LAN connection, 01 for each workstation and 01 near to executive table. 01 no. exhaust fan (12inch)with switch & socket shall be provided, Make Orient/CrompTons/Usha etc (As per MDL choice).
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Note:

- All wiring shall be concealed within the container.
- Main incoming wire shall be of 7/20.
- All wiring shall be in parallel.
- All switches used shall be of flushed/dip type.

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अर्माव डॉक शिपबिल्डर्स लिमिटेड
MILAGON DOCK SHIPBUILDERS LIMITED

5. Door:

- One no of door with bended door frame to be provided.
- External and internal wall of the door shall be of galvanized sheet of 1.25mm with Godrej latch lock and door handle and hand drop
- Three keys for the door latch shall be provided.
- Insulation of door shall have to same as that of cabin wall
- One no. rectangular eye hole (Size 200mm x 200mm) with glass shall be provided on the door at eye level
- Bracket arrangement along with name board shall be provided at front outside wall (Size 600mmX450mm) approx.
- Monsoon shade outside door shall be provided.
- Led light with grill to be provided above the door.

6. Window:

- 3 nos. of window of size 4 feet x 3feet (approx.) to be provided and shall be of aluminum double shutter sliding type (Powder coated) with dark floated glass with M.S. grill of suitable design.
- Venetians blinds of colour scheme chosen by MDL to be provided for the windows.
- Monsoon shade outside window shall be provided

7. Paints:

Coat	MS Material	Galvanized Material	Shade	Bench Marked vendors
Primer	2 pack Epoxy DFT 30 μ	Etching primer 10 μ 2 pack Epoxy DFT 20 μ	Vendor Free to decide	<ul style="list-style-type: none"> • Asian Paints • Nerolac Paints • Hempel Paints • PPG Coatings • International Paints (Akzo Nobel) • Jotun Paints • Chugoku Paints
Intermediate Coat	2 pack epoxy/PU DFT 35 μ	2 pack epoxy/PU DFT 35 μ	Vendor Free to decide	
Top Coat	2 pack PU DFT 35 μ	2 pack PU DFT 35 μ	Grey-RAL 7040 (Window Grey) Blue-RAL 5005 (Signal Blue) Yellow-RAL 1003 (Signal Yellow) White -RAL 9003 (Signal White)	
Total DFT	Min 100 μ	Min 100 μ	Min 100 μ	

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 नाशवाव डॉक शिपबिल्डर्स लिमिटेड
 MAZAGON DOCK SHIPBUILDERS LIMITED

- The firm to follow the application guidelines of respective OEMs as indicated in its product specification and product data sheets. The same also needs to be uploaded in the proposal document.

8. Drain System :

- Drain system shall be provided for discharge of rain water to drainage on ground
- Roof rail gutter to be provided for easy discharge with approx. 2" drain pipe.

- 9. Air Conditioner:** AC 1.5 Ton inverter 5 Star rating capacity of Reputed Make like O General, Blue star, Hitachi, Voltas (As per MDL Choice) on both G and G+1 with outdoor unit fitting.

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माझगांव डॉक शिपबिल्डर्स लिमिटेड
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