



Bid Number/बोली क्रमांक (बिड संख्या):
GEM/2024/B/4506279
Dated/दिनांक : 30-01-2024

Bid Document/ बिड दस्तावेज़

| Bid Details/बिड विवरण | |
|--|--|
| Bid End Date/Time/बिड बंद होने की तारीख/समय | 20-02-2024 11:00:00 |
| Bid Opening Date/Time/बिड खुलने की तारीख/समय | 20-02-2024 11:30:00 |
| 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 Single Decker Porta Cabins (Q3) , S, I and C of Double Decker Porta Cabins (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 |
| Primary product category | Supply, Installation and Commissioning of Single Decker Porta Cabins |
| Time allowed for Technical Clarifications during technical evaluation/तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय | 2 Days |

Bid Details/बिड विवरण

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|--|--|
| Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM) | No |
| 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 | Item wise evaluation/ |

EMD Detail/ईएमडी विवरण

| | |
|---|---------------------|
| Advisory Bank/एडवाइजरी बैंक | State Bank of India |
| Schedule 1 EMD Amount/ईएमडी राशि (In INR) | 60000 |
| Schedule 2 EMD Amount/ईएमडी राशि (In INR) | 30000 |

ePBG Detail/ईपीबीजी विवरण

| | |
|--|---------------------|
| Advisory Bank/एडवाइजरी बैंक | State Bank of India |
| ePBG Percentage(%) /ईपीबीजी प्रतिशत (%) | 5.00 |
| Duration of ePBG required (Months)/ईपीबीजी की अपेक्षित अवधि (महीने). | 40 |

(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 दस्तावेज़ प्रस्तुत करने हैं। 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). The EMD Amount will be applicable for each schedule/group selected during Bid creation.

(c). 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, Dockyard Road, 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 |
|--|-----|

MSE Purchase Preference/एमएसई खरीद वरीयता

| | |
|---|-----|
| MSE Purchase Preference/एमएसई खरीद वरीयता | Yes |
|---|-----|

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.

Evaluation Method (Item Wise Evaluation Method)

Contract will be awarded schedulewise and the determination of L1 will be done separately for each schedule. The details of item-consignee combination covered under each schedule are as under:

| Evaluation Schedules | Item/Category | Quantity |
|----------------------|--|----------|
| Schedule 1 | Supply, Installation And Commissioning Of Single Decker Porta Cabins | 8 |
| Schedule 2 | S, I And C Of Double Decker Porta Cabins | 2 |

Supply, Installation And Commissioning Of Single Decker Porta Cabins (8 the number pi)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः 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 |
|--|--------------------------|

Input Tax Credit(ITC)/इनपुट कर क्रेडिट(आईटीसी) and/ तथा Reverse Charge(RCM)/रिवर्स प्रभार (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 | ***** | *****MUMBAI | 2 | 90 |
| 2 | ***** | *****RAIGARH(MH) | 2 | 90 |
| 3 | ***** | *****MUMBAI | 4 | 90 |

S, I And C Of Double Decker Porta Cabins (2 the number pi)

(Minimum 50% and 20% Local Content required for qualifying as Class 1 and Class 2 Local Supplier respectively/क्रमशः 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 |
|--|--------------------------|

Input Tax Credit(ITC)/इनपुट कर क्रेडिट(आईटीसी) and/ तथा Reverse Charge(RCM)/रिवर्स प्रभार (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 | ***** | *****MUMBAI | 2 | 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 Cabins View | Supply, Installation and Commissioning of Single Decker Porta Cabins and Double Decker Porta Cabins | Supply, Installation And Commissioning Of Single Decker Porta Cabins(8),S, I And C Of Double Decker Porta Cabins(2) |

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

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.

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**

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 50 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity by up to 50% of the contracted quantity during the currency of the contract at the contracted rates. Bidders are bound to accept the orders accordingly.

5. **Generic**

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

6. **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 commissioning of Porta cabins

7. **Scope of Supply**

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

8. **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.

9. **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.

10. **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.

11. **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.

12. **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: -

SCHEDULE-1: - Rs. 60,000/-

SCHEDULE-2: - Rs. 30,000/-

2) EMD payment details as per tender. Note: Micro & Small Enterprises who are manufacturer or service provider for the tendered item and/or Bidders 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

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 [20,28,000] (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) Bidders Shop and establishment registration certificate or registration certificate from registrar

ar 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) Location for Delivery of material: -

a) Consignee:-Mr Vishal Katiyar, M(GRS) - Qty 4 No (Single decker) and Qty- 2 No (double decker)

User: -Mr Ayub Khan, Manager (Security)

Goods Receiving Section,
Mazagon Dock Shipbuilders Ltd,
Dockyard Rd, Mumbai - 400 010.
Email: - vkatiyar@mazdock.com
Tel: - 8879926176 / 022 2376 3238

b) Consignee:-Mr Surjeet Sur, Qty- 2 No (Single decker)

User: -Mr Ayub Khan, Manager (Security)

MAZAGON DOCK SHIPBUILDERS LIMITED,
NHAVA YARD, AT AND PO NHAVA,
LANDMARK - NEAR ONGC SUPPLY BASE,
DISTRICT RAIGAD, MAHARASHTRA - 410206
Email: - ssur@mazdock.com
Tel: - 8369386745 / 022 2376 2221

c) Consignee:- Mr. D. N. Pandav, Qty- 2 No (Single decker)

User: -Mr Ayub Khan, Manager (Security)

MAZAGON DOCK SHIPBUILDERS LIMITED,
Anik stores, Anik Chembur Yard,
Mahul Road, Near Vengsarkar Academy
Mumbai- 400 074.
Email: - dnpandav@mazdock.com
Tel: - 7506704592

7) 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 Ayub Khan, Manager (Security)

+91 22 2376 3377, ayubkhan@mazdock.com

· Mr. A.K .Thakurdesai, CM (Security)

+91 22 2376 3355, atdesai@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

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13. Buyer Added Bid Specific ATC

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

14. 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.

15. 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.

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 कार्रवाई का आधार होगा।

---Thank You/धन्यवाद---

Cabin Specification**1. Structural Specifications:**

| | | |
|---|-------------------|---|
| i | Structural Design | 1. It shall be as per drawing at Annexure -B 2. Additionally foundation legs (3 nos., 1 at centre & 2 at both extreme ends) shall be provided at mid-section of the cabins longitudinally. 3. Lugs for securing racks to be provided at deck floor and ceilings. |
|---|-------------------|---|

| | | |
|-------|------------|--|
| Size: | | |
| i | Cabin Size | Ground floor - 20 feet (L) x 10 feet (W) x 8.6 feet (H) & 8 feet (L) x 8 feet (W) x 8.6 feet (H) double decker as per quantity required |

| | | |
|--|--|--|
| Lifting arrangements for cabin : | | |
| i. Cabins shall have lifting Lugs arrangement. | | |

| | | |
|------------------------------------|------------------------|--|
| Wall Surface of each floor cabin : | | |
| i | Paneling outside walls | 2 mm G.I. corrugated sheet |
| ii | Paneling inside walls | Aluminium Composite Panels (ACP), Minimum thickness -- 3mm |

| | | |
|------------|----------|-------------------------|
| Flooring : | | |
| i | Flooring | 6 mm MS chequered plate |

| | | |
|-----------|---------|--|
| Ceiling : | | |
| i | Ceiling | <ul style="list-style-type: none"> • Top inner - decorated with Aluminium Composite Panels of 3mm minimum thickness • To outer - Galvanized sheet of 2 mm thick. |

| | | |
|---------------------|----------|--|
| Racks for storage : | | |
| i | In Cabin | <ul style="list-style-type: none"> • Four (4). tier racks running adjacent to two continuous wall of the cabin. • Rack width : 2 feet • Rack Panel - 2 mm perforated sheet GI • Rack angles vertical and horizontal - 2 mm slotted angles GI • MS flat bar 6 mm thk. at centre of rack width (each tier) running throughout • The height of racks tier shall be adjustable as per need. • Racks provided shall be of dismantlable/foldable type on bolting arrangement and shall be erected at site at MDL. • The racks shall be painted as per the paint scheme of porta cabin. |

2. Insulation:

| | | |
|---|--|--|
| i | | <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 |
|---|--|--|

| | |
|--|--|
| | <p>combination like lower thermal conductivity and high resistance to moisture, Density: 24kg/m³.</p> <ul style="list-style-type: none"> • Insulation of door also to be done, |
|--|--|

3. Furniture:

| Cabin: | | |
|--------|---------------------------------------|---|
| i | Executive table with both side drawer | Size: 5 feet X 2.5 feet Qty : 01 |
| ii | Revolving mid back chair | Make: Reputed Qty : 02 |
| iii | Workbench for fabrication work | <ul style="list-style-type: none"> • Wooden Workbench of good quality shall be provided for light fabrication work. • Size 6feetX2.5feetX3feet approx. • With adjustable height mechanism • With movable top mechanism (transverse as well as longitudinal) • Sufficient No. of Storage cabinets/drawers below the table |
| iv | Mid back visitor chair | • 04 Nos |
| v | Sofa | • 01 Nos three seater Sofa |

4. Electrification & Wiring:

| | |
|--|--|
| | <ul style="list-style-type: none"> • One number four pole, 63Amp MCCB, 35 kA short circuit current capacity 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. Reputed Orient/Crompton/Usha etc make wall mounting fans shall be provided • 5 Amp socket- 4 nos • 16 Amp socket with switch break -1 no. • 1 A/C split cut out with provision of AC bracket outside. • Two (02) no. 32 Amp, 4 poles, 3 phase MCB with enclosure to be provided for machine connection. • 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) • One LAN connection near executive table • Brackets for securing A/C unit outside the cabin • 01 no. exhaust fan (12inch) with switch & socket shall be provided, Make Orient/Crompton/Usha etc (As per MDL choice). |
|--|--|

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 sqmm FLRS grade copper wire.
- All wiring shall be in parallel,
- All switches used shall be of flushed/piano type.

5. Door:

- 1 no of door with bended door frame to be provided
- External and internal wall of the door shall be of galvanised 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 700mmX450mm) 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.

7. Points:

- All members & stiffeners viz. C channels, Sq Pipes, I beam etc shall be coated with 2 pack epoxy red oxide primer of minimum 50 microns DPT before welding it as frame.
- The burn areas shall be touched up on completion of fabrication work.
- All components shall be painted with one coat of 2 pack epoxy/PU based finishing paint total 100-micron DFT.
- All MS shall be painted as per above scheme prior to paneling.
- GI sheet shall be painted from the inside as well as the outside by first applying a coat of etch primer followed by Zinc primer and finally shall be painted with 2 pack epoxy/PU based finishing coat. The total DFT of the system shall not be less than 100 microns.
- Blue and White Zebra stripes on staircase/ladder shall be provided.
- Staircase to be painted as per scheme defined for frame sections above.
- Chequered plates also to be painted as per above paint scheme.
- The finishing color shade for the porta cabins shall be confirmed by MDL on award of contract.
- 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 same shall be communicated by MDL.
- Two no. 4" blue band to be painted on G floor cabin.
- Cabin no. as per MDL instruction shall be marked.
- The shade of 2 pack epoxy/PU finishing coat to be applied on the outside shall match with RAL no 7040(to be confirmed); for other areas the shade nos. will be provided on award of contract.
- MDL Logo to be painted 03 sides.

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. Materials Specifications:

- All plywood used shall be of Marine Grade, reputed make and of minimum thickness 18 mm.
- All MS materials used shall conform to IS 2062 Gr-A.

11. 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 hanged near the door. Each having a capacity of 3kg (CO2 type).

12. Double decker size 8 feet (L) x 8 feet (W) x 8.6 feet (H) G+1

1. For double decker size 8 feet (L) x 8 feet (W) x 8.6 feet (H) G+1 all general specification will be same as above according to the size but internal furniture's will be different as ground floor will be use as office and first floor as a changing cum rest room.

2. **Ground floor:** Chair with office table of appropriate size with 04 nos Neelkama or equalling make plastic chairs with appropriate storage two side window with outside counter in one side.

3. **First Floor:** Two side bunk bed (04 Nos with storage, provision of appropriate size window two side and other electrical/fan/provision of AC as specified above.

4. **Access to G+1 Decks (Ladder).** The appropriate size ladder is to be provided to go first floor as space available. The vendor is advised to visit and take measurement of the space for same.

- 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 (Subject to as space available).
- The width of the stairway should be of 1 metre or as per the space.
- 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 6mm minimum.

5. **For double decker cabin vendor will get design approved from the MDL user dept. first before fabricating however material in fabrication to be used will be as mentioned above.**

Scope of Work

1. Requirement:

- Manufacturing, supply and installation of portable cabins to MDL Security in different sizes as per specifications at Annexure -A. The structural design shall be as per MDL drawing at **Annexure-B**. Any other stiffeners required for racks, AC brackets; other fittings shall be incorporated by bidders, These portable cabins are to be used as office spaces/stores/Light fabrication workshops at various locations inside MDL.
- In case of double decker porta cabin, G floor and G+1 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 store as well light fabrication work.
- The (3+1 floor is intended to be used as office spaces.

2. Quantity:

As mentioned in the tender

3. Design & Drawings:

- Bidder shall manufacture porta cabins as for the requirement stated at Annexure-A and as per structural drawing at Annexure-B.
- Bidders shall submit detailed layout drawings for Porta cabins along with 3 dimensional / isometric view showing fitting and fixtures.
- Successful bidder shall also submit stage inspection schedule along with drawing submission.

4. Manufacturing:

- Successful bidder shall have to fabricate porta cabins as per MDL 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 in writing.
- In case of revision the revised drawing shall be signed by both MDL and bidder.

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 07 days prior of offering the stage inspection to MDL.
- Stage inspection by MDL user dept./inspection dept. at bidder's workshop.
- Receipt inspection at MDL by MDL inspection dept.

6. Delivery :

- All porta cabins shall be delivered on door delivery basis to MDL.
- All delivery inside MDL shall be routed through GRS section of MDL.
- Porta Cabins shall be delivered as per location provided to the vendor as it can be Anik Chembur Yard, Nhava Yard apart from MDL main Yard.

7. Installation:

- The porta cabins to be supplied and installed at sites as per instruction from MDL.
- Placement at site: Lengthwise, standalone, double decker form/single cabin form as per type of supply.
- 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 type of supply.

8. Crane facility at MDL:

- Crane facility sought from MDL for installation shall be provided on availability basis thus in case of non availability bidder will make the arrangement accordingly on his own cost. Charges is to be mentioned separately at the lime of bidding by the vendor. Location - MDL main Yard, Anick Chembur Yard & Nhava Yard.

9. 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. Post delivery maintenance and repair will be provided by the bidder free of cost in guarantee period if any.

10. Pre Bid Criterion:

- 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 considered.
- The bidder shall have 05 years experience in field of such cabins fabrications.

Annexione - B



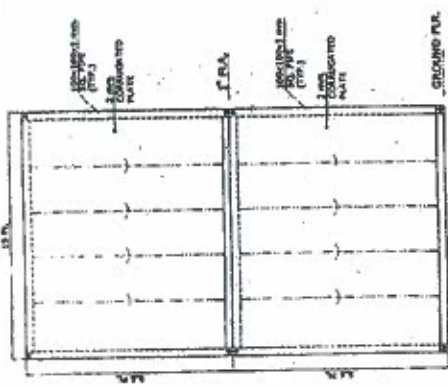
DETAILED VIEW OF JOINT



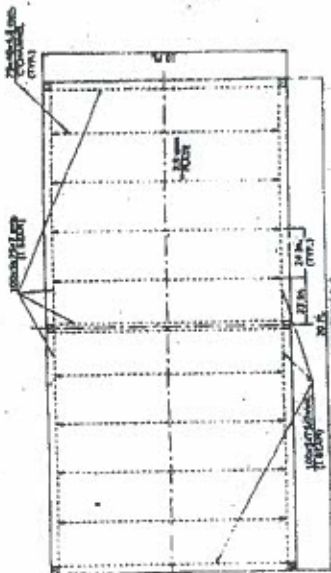
Mazzanti Dock Shipbuilders Limited

(LIMITED)

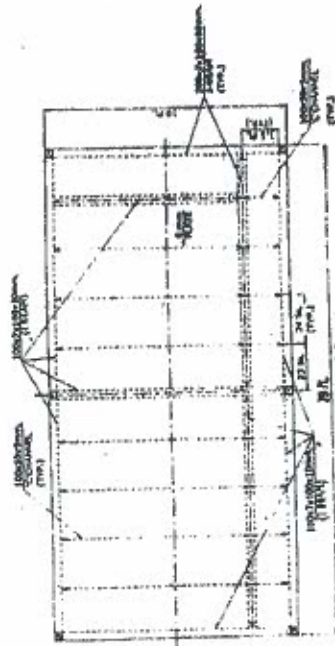
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|--------------|----------|
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| STEEL RAILS | ... |
| WOODEN RAILS | ... |



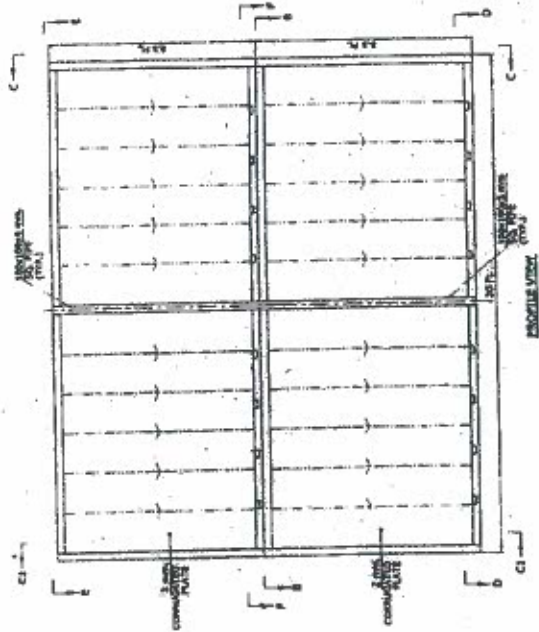
FRONT VIEW SECTION A-A



SECTION L-L



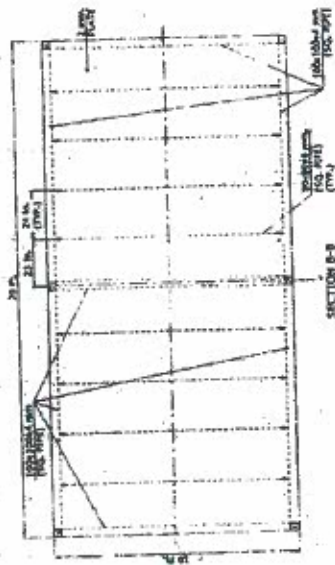
SECTION B-B



FRONT VIEW SECTION C-C



SECTION E-E



SECTION D-D

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