



Tender no. 190000023



माझगांव डॉक शिपबिल्डर्स लिमिटेड

(भारत सरकार का उपक्रम)

राष्ट्र के पोत निर्माता

डॉकयार्ड रोड, माझगांव

मुंबई - ४०००१० (भारत)

MAZAGON DOCK SHIPBUILDERS LIMITED

(A Government of India Undertaking)

Shipbuilders to the Nation

Dockyard Road, Mazagon,

Mumbai 400 010 (INDIA)

CIN :U35100MH1934GOI002079

ई-निविदा फॉर्म दो हिस्सों में

e-TENDER ENQUIRY FORM (TEF) Two-Bid System

मंडल: समवाय

DIVISION: CORPORATE

विभाग: तकनीकी सेवाएँ

DEPARTMENT: TECHNICAL SERVICES

निविदा क्रमांक : १९००००००२३

TENDER NO: 190000023

निविदा जारी दिनांक: ०४ अक्टूबर '१७

TENDER DATE: 04 Oct '17

निविदा देय दिनांक एवं समय: ०७ नवंबर '१७ दोपहर २.३० बजे

CLOSING DATE & TIME: 07 Nov '17 at 1430Hrs

भाग १ - तकनीकी एवं वाणिज्यिक हिस्सा खोलने (ऑनलाइन) कि तिथि एवं समय: ०८ नवंबर '१७ दोपहर २.३० बजे से

Online Opening of Part-I (Techno-commercial Bid): 08 Nov'17, 1430 Hrs IST onwards

**PART A**

माझगांव डॉक शिपबिल्डर्स लिमिटेड प्रासिद्ध निविदाकर्ताओं / विक्रेताओं से निम्नलिखित कार्य के लिए प्रतियोगी ऑनलाइन निविदाएँ दो हिस्सों में (भाग १ - तकनीकी एवं वाणिज्यिक हिस्सा और भाग २ - मूल्य हिस्सा) अपने ई-प्रॉक्यूरमेंट पोर्टल <http://eprocuremdl.nic.in> पे आमंत्रित करते हैं।

MAZAGON DOCK SHIPBUILDERS LIMITED INVITES ONLINE COMPETITIVE BIDS from reputed Bidders / Vendors in TWO BID SYSTEM (Part-I Techno-Commercial Bid and Part-II Price Bid) on our e-procurement portal <http://eprocuremdl.nic.in> for the following Work:

1. कार्य का वर्णन / DESCRIPTION OF WORK:

1.1. Renovation and Modification of Kalvari & Khanderi Stores at Naval Dockyard, Mumbai.

2. कार्य का ब्योरा / SCOPE OF WORK

2.1. For Brief scope of work is as under:

A) For Civil Work :

Kalvari Store at Vajrabahu in Naval Dockyard 75

- Dismantling of existing: Doors, Windows, RCC sub-boards & Brick work, damaged plaster etc.
- Providing & fixing brick work, ceramic wall tiles- up to beam bottom, Granite frames- door & window, 35mm thk. Laminate door shutter, Door closure, Aluminum partition (internal room), Arm-strong false ceiling (internal room) & rolling shutter- at main entrance store.
- Providing & applying internal & external plaster, painting etc.
- Polishing of Existing kotha floor

Renovation and Modification of Khanderi Stores at first floor of OLD Coy Building in Naval Dockyard, Mumbai.

- Dismantling of existing damaged door & window, brick work, damaged plaster, floor tiles etc.
- Providing & fixing brick work, aluminum window, aluminum partition, epoxy flooring, Granite frames- door & window, 35mm thk. Laminate door shutter, Door closure, MS Grill with paint, Scaffolding, etc.
- Providing & applying internal & external plaster, painting etc

B) For Electrical Work:

The scope of work shall cover the supply, Installation, Testing & Commissioning of the electrical equipment like Cables, Switchgear, Distribution Boards, Lighting fixtures, Earthing, Data Networking, Fans & Exhaust Fans.

LT CABLES

The scope of work shall cover supply, laying, testing and commissioning of medium voltage armoured cables.

The specification provided in the technical specs gives the general requirement of cables. However, it is the responsibility of the vendor to take the joint measurement and obtain approval before the placement of orders to the main supplier / manufacturer.

Contractor shall submit the as built drawing of the cable laying drawing. Also,

The supplier shall submit following:



- i. Data sheet indicating results of tests.
- ii. Test report

INTERNAL WIRING

The scope of work shall covers, definition of point wiring, system of wiring and supply, installation, connection, testing and commissioning of point wiring for light points, ceiling fan points, exhaust fan points, convenience socket outlet points, power socket outlet points, bell outlet points etc. including fixing of light fixtures, ceiling fan, exhaust fan, wall fan, bell etc.

ELV WIRING

The scope of work shall cover the supply, installation, connection, testing and commissioning of the wiring for Telephone / Computer & wiring installation including supply of telephone cables, Multiple flexible wires, Shielded Wire, CAT-6 UTP computer signal wire, Junction boxes, Outlet boxes, and other related accessories required to complete the wiring and installation.

LIGHT FIXTURE

The scope of work shall cover the supply, installation and testing of various types of LED light fixtures are used in the project.

As per of the proposal the bidder furnish relevant descriptive and illustrative literature on lighting fixtures and accessories and following drawings/ data for the respective lighting fixtures:-

Dimensional Drawings

- i) Light distribution diagrams (Zonal & Isokandora)
- ii) Light absorption and utilization factors.
- iii) Lamp output V/S temp. curves.

DATA & NETWORKING SYSTEM

The scope of the work shall cover the supply, installation, testing and commissioning of Data & Networking system with relevant equipment and instruments. The work is to be carried out as per the technical specification, BOQ & Drawings. The scope of work also covers the supply, installation, testing & commissioning of the optical fiber cable from source network rack to 4th floor network rack.

WALL MOUNTED FANS, CEILING FANS & EXHAUST FANS

The scope of work shall cover the supply, Installation, testing & commissioning of the wall mounted fans & Exhaust fan of specified sweep and speed, with all accessories and necessary materials, suitable to work on 230 V / 415 V, AC Supply 50 Hz, erected in position. Also it should be installed as per the specification provided in the technical specs

C) Mechanical Work:

AC INSTALLATION WORKS AT NAVAL DOCK YARD, KHANDERI & KALVARI Store building, Mumbai.



- 2.2. The detailed Scope of Work is at Annexure-I of **Enclosure – 10**.
2.3. The Technical Specifications and Drawings at Annexure –II of **Enclosure-11** & **Enclosure -9** respectively.

3. निविदाकर्ताओं के लिए महत्वपूर्ण सूचना / IMPORTANT NOTE FOR BIDDERS:

3.1. **This is an e-tender and bids have to be submitted online ONLY. It is the sole responsibility of the bidders to submit their bids online in time. Bidders are, therefore, advised to commence the bidding process on the e-procurement portal WELL IN ADVANCE (preferably 3-4 days prior to tender closing date) and not wait for last minute submission of their bids. Bidders' failure to complete submission of their online bids in time on account of reasons such as SLOW SPEED OF SERVER, TECHNICAL PROBLEMS etc. will not be entertained and EXTENSION OF SUBMISSION TIME will not be granted on this account.**

3.2. **In case any bidder intending to respond against the tender and is not having the DSC to facilitate uploading of his bid, should approach the Service Provider at least 10 working days in advance of the tender closing date requesting for DSC. The request so made to the Service Provider should simultaneously be forwarded to MDL Dealing Officer. In case the DSC is not received within 3 to 4 working days of the request by the bidder, the Head of the concerned Commercial section be informed immediately. If the DSC is not received from the Service Provider three working days prior to the tender closing date, suitable extension to the tender closing date shall be considered if requested by the concerned bidder.**

3.3. **Bidders desirous of modifying their bids may do so online prior to the tender closing date & time.**

3.4. **In case of any discrepancies between Hindi and English Versions of the Tender Clauses, English Version will prevail.**

3.5. The online bid can be submitted by the authorized representative of the bidder as detailed below.

3.5.1. By the Proprietor, in case of a proprietary firm; or

3.5.2. By a Partner, in case of a partnership firm and/or a limited liability partnership; or

3.5.3. By a duly authorized person holding the Power of Attorney, in case of a Limited Company or a corporation.

3.5.4.

4. निविदाकर्ताओं के लिए निर्देश / INSTRUCTIONS TO THE BIDDERS:

4.1. **Bidders permanently registered with Mazagon Dock Shipbuilders Limited** should upload a scanned image of the following documents along with their e-(Part-I) bid:

4.1.1. Valid Registration Certificate duly self attested and stamped with their company seal along with their e-(Part-I) bid.

4.1.2. CA certified Average Audited Annual financial turnover during the last 3 years ending **31st March, 2016** for at least **₹36,50,000/-**, duly self attested and stamped with their company seal. Audit Certified Balance Sheet and Profit & Loss A/c for the last 3 years.



4.2. **Bidders not registered with Mazagon Dock Shipbuilders Limited** should upload a scanned image of the following documents along with their e-(Part-I) bid:

- 4.2.1. Bidder's Company Profile
- 4.2.2. Valid Bidder's Shop & Establishment Registration Certificate.
- 4.2.3. CA certified Average Audited Annual financial turnover during the last 3 years ending **31st March, 2016** for at least **₹36,50,000/-**, duly self attested and stamped with their company seal.
- 4.2.4. List of Equipments with its Model / Year / working status alongwith details of Manufacturing facilities duly self attested and stamped with their company seal.
- 4.2.5. List of Personnel with their designations, Qualification & Experience duly self attested and stamped with their company seal.
- 4.2.6. Audit Certified Balance Sheet and Profit & Loss A/c for the last 3 years.

5. **पुर्व योग्यता मापदंड / PRE-QUALIFICATION CRITERIA:**

5.1. निविदा जारी दिनांक के पूर्व माह के अंतिम दिवस के समाप्ती तक पीछले सात वर्षों के दौरान समरूप कार्य के सफलतापूर्वक पूरा करने का अनुभव किसी भी निम्नलिखित के अंतर्गत होनी चाहिए:

Bidder's experience of having successfully completed similar works during last 7 years ending last day of month previous to the month of publication of this tender should be either of the following:

5.1.1. तीन समरूप संपन्न कार्य जिसकी लागत ₹२४,४०,०००/- से कम न हो।

Three similar* completed works each costing not less than **₹24,40,000/-**

OR

5.1.2. दो समरूप संपन्न कार्य जिसकी लागत ₹३०,४०,०००/- से कम न हो।

Two similar* completed works each costing not less than **₹30,40,000/-**

OR

5.1.3. एक समरूप संपन्न कार्य जिसकी लागत ₹४८,७०,०००/- से कम न हो।

One similar* completed work costing not less than **₹48,70,000/-**

*Similar Work	"General civil and Electrical works for buildings."
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5.2. Similar completed works referred at 5.1.1., 5.1.2. & 5.1.3 above means each work and not all works put together. It is clarified that the work executed by the bidders for their in-house or capital use will not be considered for the purpose of bidder's experience of completion of similar works.

5.3. Documentary evidence in support of completed works viz., copies of Work Order(s)/Contract Agreement(s) indicating contract amount, Project/Work value, Scope of Work etc. & Work Completion Certificate(s) issued by the Client(s) indicating proper reference of the Work Order/Contract Agreement & date of Completion, duly signed & stamped with company seal shall be **scanned and uploaded online**. Bidder shall submit scanned copies of TDS certificate/ Copies of Certified invoices of relevant projects when/if asked for by MDL during tendering period.

5.4. Bids from Joint Venture / Consortium are not acceptable.



Note: MDL reserves the right to demand hard copy(s) of any of the above documents along with originals to verify / cause verification of authenticity of the same, whenever felt necessary.

6. स्थल मुआयना / SITE VISIT:

6.1. The site for the work is NAVAL DOCK YARD, Mumbai

6.2. **It is considered necessary that the Bidder(s) visit the site and get clear idea about the work involved, before quoting. The Bidder(s) are therefore advised to visit the site and study all the particulars of the site and the nature of the work.**

6.3. Bidder(s), if required, may contact on telephone no. 2376 4223/ 2376 4230/4226 or email: tscomm@mazdock.com for any doubts /clarifications / site visits.

7. बयाना राशि/ बोली प्रतिज्ञापत्र / EARNEST MONEY DEPOSIT (EMD) / BID BOND:

7.1. Bidders shall furnish EMD of **₹1,30,000/- (Rupees One Lakhs Thirty Thousand Only)** against this tender.

7.2. The EMD can be remitted directly to MDL Bank Account as per details given below:

Beneficiary's Name	Mazagon Dock Shipbuilders Limited
Name of Bank	State Bank of India
Branch	Mazagon Br.
Branch Code	9054
Bank Address	Mazagon Branch, Mazagon, Mumbai - 400 010
Telephone No. of Bank	23752802
Account No	10005255246
Account Type	Current Account
IFSC/RTGS/NEFT Code	SBIN0009054
MICR / NECS Code	400002120
Income Tax PAN No.	AAACM8029J

7.3. In case bidders remit the EMD directly to MDL Bank account through NEFT, they should specifically mention the details of company name as well as nature of remittance, tender number/order number etc in the text/narration fields of Bank's NEFT remittance in order to identify the same. **The format at Enclosure-2 is required to be filled up by the bidder and scanned copy of the same is to be uploaded along with Techno-commercial bid (Part-I).**

7.4. EMD can also be submitted in the form of Bank Guarantee in the prescribed format at **Enclosure-4**. The Bank Guarantee should be valid for **04 more weeks** beyond the offer validity period indicated in the Tender and should be drawn from any of the banks in the list of approved Banks by SBI/Canara Bank published on MDL website www.mazdock.com →Vendors→Bills/EMD Status →List of First Class Bank approved by CPC on 23 February 2016. **Bidders submitting EMD by way of Bank Guarantee are requested to inform their issuing Bank to provide complete details viz., address, telephone / fax number(s) and e-mail id on their cover letter enclosing the BG.**

7.5. **The Scanned Copy of the Bank Guarantee towards EMD shall be uploaded in the Techno-commercial bid (Part-I).**

7.6. Bidder shall send the original of the Bank Guarantee towards Earnest Money Deposit (EMD) by Registered Post/Speed Post/Courier so as to reach the designated addressee within **07 Days** from the closing date of the tender during



office working hours i.e. up to 1730 hrs. Timely submission of the original EMD instrument is the responsibility of the bidders and no reasons / excuses in this regard will be entertained by MDL.

7.7. If the original of EMD instrument is NOT RECEIVED within the stipulated period of 07 Days from the closing date of the tender, the Bids / Offers will not be considered.

7.8. EMD of unsuccessful bidders will be returned after finalization of the tender and shall be interest free.

7.9. EMD of successful bidder(s) will be returned after submission of Performance Bank Guarantee and shall be interest free.

7.10. The Earnest Money Deposit shall be forfeited by MDL in the following events:

7.10.1. If the bidder withdraws, amends impairs or derogates from the tender, agreed conditions of TNC/CNC / PNC in any respect within the period of validity of his offer.

7.10.2. If the successful bidder declines acceptance of order.

8. बयाना राशि जमा करने से छूट / EXEMPTION FROM SUBMISSION OF EMD:

8.1. State & Central Government Of India Departments & Public Sector Undertakings

8.2. Firms registered with MDL. To qualify for EMD exemption, firms should necessarily submit valid copy of the Registration Certificate issued by MDL, for the items for which the offer is being submitted, in Part-I offer/bid. Firms in the process of obtaining MDL registration will not be considered for EMD exemption.

8.3. Firms registered with NSIC under its "Single Point Registration Scheme" (Exemption will apply only to items/services & value up to which bidders are registered with NSIC). To qualify for EMD exemption, firms should necessarily submit valid copy of the Registration Certificate along with the list of items / services for which they are registered, as issued by NSIC, in Part-I offer / bid. Firms in the process of obtaining NSIC registration will not be considered for EMD exemption.

8.4. All Micro & Small Enterprises (MSEs) subject to their submitting the Registration Certificate from the Competent Authority regarding their Micro/Small Industry status in Part-I offer / bid.

9. वैधता अवधि / VALIDITY PERIOD:

9.1. Bids / Offers shall remain valid for a period of not less than **120 Days** after the deadline date of submission.

9.2. Technically accepted bidder shall be given opportunity to accept validity as per the tender in case of shorter validity quoted by him. Non-acceptance thereafter shall be rejected by MDL as non-responsive.

10. दो प्रणाली में ऑनलाइन प्रस्ताव प्रस्तुत करे / ONLINE SUBMISSION OF OFFER IN TWO-BID SYSTEM:

10.1. Offer must be submitted in Two parts i.e. Part-I (Techno-Commercial Bid) and Part-II (Price Bid) as appearing online on the portal <http://eprocuremdl.nic.in>

10.1.1. Techno-Commercial (Part-I) Bid:

A) Acceptance on clauses of Tender Enquiry (TEF) in the Prescribed Format **appearing online** stating 'Accepted' OR 'Not Accepted' as applicable for each of the clause.



- B)** Acceptance on clauses of Standard Terms & Conditions (STACS) in the Prescribed Format **appearing online** stating 'Accepted' OR 'Not Accepted' as applicable for each of the clause.
- C)** Acceptance on clauses of General Terms & Conditions (GT&C) in the Prescribed Format **appearing online** stating 'Accepted' OR 'Not Accepted' as applicable for each of the clause.
- D)** BLANK Price Bid indicating 'QUOTED / NOT QUOTED' as applicable against each of the listed item **but clearly indicating the applicable taxes included in the quote in the prescribed format as appearing in online Part-I bid.**
- E)** Deviations, if any, from Terms, Conditions & Technical requirements specified in the Tender Enquiry, GT&C and STACS with reasons thereof shall be clearly indicated against the relevant clause(s) **in the form appearing online in Part-I bid.**
- F)** Documentary evidence in support of Past experience and Performance on Similar work(s) during the last 7 years, stipulated under Clause 5, as applicable **shall be uploaded in online Part-I bid.**
- G)** Bidders shall **upload scanned copies** of Audit certified Balance Sheets & Profit/Loss Accounts for the relevant years in Part-I bid.
- H)** Bidder's Undertaking at **Enclosure-1** shall be duly filled in, signed & stamped with company seal and scanned copy of the same shall be uploaded in online Part-I bid.
- I)** Scanned copy of Bank details for payment by NEFT/RTGS/ECS at **Enclosure-3**, duly filled in, signed & stamped by the bidder and authenticated by the Banker shall be uploaded in online Part-I bid.
- J)** Scanned copy of **GST Registration Certificate & Permanent Account Number (PAN)** duly signed & stamped with company seal shall be **uploaded in online Part-I bid.**
- K)** Bidders not permanently registered with MDL shall comply with the following:
- Upload a scanned image of Bidder's company profile duly self attested and stamped with their company seal in online Part-I bid.
 - Upload a scanned image of Valid Bidder's Shop & Establishment Registration Certificate self attested and stamped with their company seal in online Part-I bid.
 - Upload List of Equipment with its Model / Year / working status along with details of manufacturing facilities duly self attested and stamped with their company seal in online Part-I bid.
 - Upload List of Personnel with their designations, Qualification & Experience duly self attested and stamped with their company seal in online Part-I bid.
 - Upload scanned copy of Solvency Certificate duly self attested and stamped with their company seal in online Part-I bid.
- L)** Bidders registered with Mazagon Dock Shipbuilders Limited **shall upload scanned copy** of Valid Registration Certificate issued by MDL, for the items/services for which the offer is being submitted.
- M)** Bidders registered with NSIC in the relevant category as defined in the similar work **shall upload scanned copy(s)** of Valid Registration Certificate along with the list of items / services for which they are registered with NSIC. Similarly, Bidders registered as Micro / Small Enterprises (MSEs) in the relevant category as defined in the similar work **shall upload scanned copy(s)** of Valid Registration Certificate,



issued by the Competent Authority, along with the list of items / services for which they are registered.

- N)** The scanned image of DD / BG towards Earnest Money Deposit (EMD) / BID BOND as stipulated in TEF clause no. 8 shall be uploaded. The original of the above DD / BG towards Earnest Money Deposit (EMD) / BID BOND shall be sent by Registered Post/Speed Post/Courier to General Manager (Technical Services) in a sealed envelope super scribing Tender Enquiry No. and Due date, so as to reach within **07 Days** from the closing date of the tender during office working hours i.e. up to 1730 hrs, **addressed To,**

अतिरिक्त महाप्रबंधक/विभाग अध्यक्ष (तकनीकी सेवाएँ),

तकनीकी सेवाएँ विभाग,

पहिली मंज़िल, प्रशासनिक बिल्डिंग,

अल्कोक यार्ड, माझगांव डॉक शिपबिल्डर्स लिमिटेड,

डॉकयार्ड रोड, मुंबई - ४०००१० (भारत)

Additional General Manager /HOD(Technical Services),

Technical Services Department,

1st Floor, Admin Building,

Alcock Yard,

Mazagon Dock Shipbuilders Limited,

Dock Yard Road,

Mumbai – 400010 (INDIA)

Notes:

- i) MDL has a right to verify / cross verification of authenticity of the scanned documents with respect to original submitted against this tender.
- ii) The bidder is requested to **ensure that all the documents asked for are submitted** and are clear, legible & duly signed (i.e. self-attested), as it would save considerable time without necessitating the need for furnishing of the documents again by them. The bidder is also requested **not to submit unnecessary documents not asked for**, like signed & stamped copy of this Tender document, etc.
- iii) The bidder is required to compulsorily select “ACCEPTED” or “DEVIATION” from the dropdown field choices available against the relevant Para no. /Clause no. of TEF/STACS/GT&C (as applicable). In case “DEVIATION” is selected against a particular Para no. /Clause no., it would be mandatory to explain the deviation proposed by the bidder in the adjoining text field. Any deviation(s) mentioned elsewhere in the Offer/Bid, other than in the said forms, will not be considered.
- iv) Blank Rate Sheet form is required to be filled-up by the bidder online by selecting “QUOTED” or “NOT QUOTED” from the drop-down field choices available, depending upon whether the bidder has quoted for the particular Service/Item tendered. The bidder is also required to specify the Taxes & duties (if any) quoted & the rate of the Taxes/Duties therein.

10.1.2. मूल्य हिस्सा(भाग-२) / Price Bid (Part-II):

- A)** Price Bid as appearing in the format is **to be filled ONLINE ONLY** by the bidder.
- B)** The quantities of individual items in the BOQ are approximate and may vary during execution.



- C) The estimated rates for various items in the Bill of Quantities (BOQ) are as appearing online in the Price Bid (Part-II).
- D) Bidders after considering the estimated rates of individual items in the BOQ and the total estimated value, shall quote their overall percentage above, below or at par the estimated rates.
- E) The percentage quoted/agreed by the bidder shall be applied to the estimated rates of individual items in the BOQ, without rounding off to two decimal places, to arrive at the order value.

11. बोलियों का मूल्यांकन/ EVALUATION OF BIDS:

11.1. The bids shall be evaluated on “all inclusive basis” considering the rates & taxes as quoted by the bidders in the Price Bid (Part-II) and loading parameters, as applicable. In this context please refer sr no 24 clause of Tender Enquiry Form(TEF) for detailed information.

12. निविदाएँ खोलने की प्रक्रिया / OPENING OF BIDS:

12.1. **Part-I (Techno-commercial Bid):** Part-I bid will be opened online on the due tender opening date from 1430hrs onwards in Technical Services Department. Bidder(s), who wish to remain present during the tender (Part-I) opening, should nominate on their **company letterhead** the name and designation of one person authorised to remain present at the time of opening the bid and send this letter so as to reach the undersigned at least one working day prior to the closing date of the tender. However, the bidder can view the tender online by logging their user ID on the portal <http://eprocuremdl.nic.in>

12.2. **Part-II (Price Bid):** After completion of Technical scrutiny, intimation for opening of Part-II bid will be communicated only to technically accepted bidders. Such intimation may be given at a short notice by Fax, E-mail or even by telephone, only to the technically accepted bidder(s). If any such technically accepted bidder wishes to remain present at the time of opening the Price Bid, he may depute one representative with proper authorization letter on their company letterhead. Alternatively, bidders can view the price bids online from their location by logging on to the portal <http://eprocuremdl.nic.in> with their Class-III B digital signature certificate.

13. बोली अस्वीकृति करनेकी मापदंड / BID REJECTION CRITERIA:

13.1. Following bids shall be **categorically rejected:**

13.1.1. Bids received after tender closing date and time.

13.1.2. Bidders not submitting Original EMD within the stipulated period of **07 Days** from the closing date of the tender during working hours i.e. up to 1730 hrs, other than those who are exempt from payment of EMD, as specified in the tender.

13.2. Following bid rejection criteria may render the bids **Liable for Rejection:**

13.2.1. Bidder's failure to submit sufficient or complete details for evaluation of the bids even after given reasonable time by MDL. The overall time allowed shall not exceed 03(Three) weeks.

13.2.2. Incomplete / misleading / ambiguous bids in the considered opinion of MDL.

13.2.3. Bids with technical requirements and or terms not acceptable to MDL.

13.2.4. Bids received without pre-qualification documents where required as per the tender.



13.2.5. Bids not meeting the pre-qualification parameters stipulated in the tender enquiry.

13.2.6. **Unreasonably longer delivery period** quoted by the bidder.

13.2.7. Validity period indicated by bidders is shorter than that specified in the tender enquiry.

13.2.8. Bidders not agreeing to furnish required Security Deposit / Required Contract Performance Guarantee till completion of the supplies / services as per contract.

13.2.9. Bidders not agreeing to furnish Performance Bank Guarantee for Equipment supplied / Services rendered or not agreeing for retention of equivalent amount by MDL up to the period till completion of contractual & Guarantee / Warranty obligations.

13.2.10. In case of E-Tenders, the original of the uploaded copy of EMD(DD/BG) if received after 07(Seven) days of the tender closing date.

14. समापन अवधि / DELIVERY PERIOD/COMPLETION SCHEDULE:

14.1. The entire work shall be completed within a period of **06 Months**, from the date of placement of Purchase Order or handing over of site, whichever is later.

15. मूल्य निर्धारण / PRICING:

15.1. All materials shall be procured by the contractor as specified in the Technical Specification/Bill of Quantities, at his own cost and the price quoted shall be deemed to be inclusive of all applicable taxes, duties, transportation, storage, royalties, handling, etc. The contractor should produce challans / bills of the materials and its quantity brought to the site as and when required by the Consultant / Client.

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

16.1. 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 Contractor 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 efficiently.

16.2. 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 Technical Services Department.

16.3. The work is to be carried out in the area where Navy'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 Navy. 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.

16.4. 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.

16.5. All the works under or in course of execution or executed in pursuance of the contract shall at all times be open to inspection, 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.

16.6. 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.

16.7. 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.

16.8. 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. MDL reserves the right to take random samples from materials delivered by the Contractor at site and send the same for testing at Govt. approved laboratory(s). Cost towards the same shall be borne by the Contractor.

16.9. Contractor shall arrange for equipments / instruments with valid calibration certificate as required at site. The cost towards the same is deemed to be included in the quoted rates.

16.10. 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.

17. स्वच्छता / HOUSEKEEPING:

17.1. The site will be maintained clean at all times and the Contractor is expected to budget for the same.

17.2. In case the site is not maintained clean, the clearing job shall be done by MDL at Contractor's risk and cost incurred for the same shall be recovered from the Contractor's bills.

17.3. 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.

18. अतिरिक्त कार्य / EXTRA ITEMS/VARIATION IN QUANTITY:

18.1. Extra items of works, if any, shall be determined supported by a rate analysis on the following basis:

18.1.1. Rates derived from similar items of this Contract.

OR

18.1.2. Rates for similar items of work executed through other agencies for MDL recently.

OR

18.1.3. Rates Mutually agreed to.

18.2. Growth of work in the quantities of items in the BOQ is permitted provided the total value of the growth does not exceed 25% of the original order value.

18.3. MDL reserves the right to conduct price negotiations with the Contractor in the following cases:

18.3.1. Finalisation of rates for extra items.

18.3.2. To seek reduction in the unit rates of the items for the excess quantity, if the total value of growth exceeds 25% of the original order value.

**19. भुगतान की शर्तें / TERMS OF PAYMENT:**

19.1. MDL payment terms shall be as under:

19.1.1. The payment for work done will 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 fortnighly basis.

19.1.2. The bills must be submitted in triplicate along with the joint measurements taken at site duly approved by the designated representative(s) of Technical Services (TS) department and 'Work Completion Certificate', duly certified by an Executive of Chief Manager level from TS Department.

19.1.3. The payment against R.A bills will be made between 15 to 20 days and the final bill between 15 to 20 days of its receipt in MDL along with all the necessary documents, copy(s) of invoices of materials, wherever applicable, etc. including 'Work Completion Certificate', required for processing the bills.

19.1.4. Before submission of the final bill, the Contractor should sign and submit a "No Claim Certificate" indicating that he has no claim against the company under the contract except as included in the final bill.

20. दोष दायित्व अवधि / DEFECT LIABILITY PERIOD:

20.1. The defect liability period will be ONE YEAR from the date of actual completion of entire work.

20.2. The contractor will 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.

21. अनुबंध निष्पादन गारंटी / CONTRACT PERFORMANCE GUARANTEE:

21.1. Within 21 days after placement of order, the successful bidder 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.

21.2. The Performance Bank Guarantee shall be submitted within 07 days after placement of the Purchase Order.

21.3. The Bank Guarantee shall be only from banks as per list approved by SBI / Canara Bank published on MDL website. Bank Guarantee from banks not mentioned in the aforesaid approved list shall NOT be accepted.

21.4. 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.

21.5. The Performance Bank Guarantee will be returned only after expiry of the 30 Days beyond the Defects Liability Period of One Year from actual completion of the work, provided there are no pending defects for rectification, already notified to the contractor.

22. बीमा / INSURANCE:

22.1. The successful bidder 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.



22.2. The policy shall be obtained in the joint names of MDL and the Bidder, 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.

22.3. The original of policy shall be lodged with MDL.

23. बोलीदाताओं का दायित्व / BIDDER'S OBLIGATION:

23.1. Bidder shall abide by all Terms of Tender Enquiry (TEF), Standard Terms And Conditions (STACS) for Civil Works, General Terms And conditions (GT and C) for Civil Works and respective acceptance formats **are to be filled as appearing online in e-Techno-Commercial (Part-I) bid**. The bidder shall also abide by the Statutory requirements, Official Secret Acts 1923, Safety Code and Security Procedure, which can be downloaded from www.mazdock.com → Tenders → Technical Services.

24. कर और शुल्क / TAXES AND DUTIES:

24.1. The rates quoted in the Price Bid (Part II) shall include all expenses and applicable taxes & duties viz., transportation, storage, royalties, handling etc. **except applicable Goods and Service Tax (GST) on the overall contract value, which should be indicated separately in the Price Bid (Part-II).**

24.2. Bidders shall indicate in terms of percentage of applicable **GST on the Works Contract**, considered in their quote in the 'BLANK PRICE BID' **appearing online in Part-I.**

24.3. Where the quoted price is claimed to be inclusive of taxes, MDL shall consider it as net price on which GST is payable. In such cases, the GST may be paid by MDL directly to GSTN under reverse charge mechanism or otherwise for which no input tax credit will be available to vendor and vendor is deemed to have confirmed that he will not claim ITC for such items.

24.4. Where "applicable GST" has been quoted as extra, vendor has to give declaration that the benefit of vendor's ITC has been factored in the prices quoted. Such declaration should be given in technical bid.

24.5. The invoices must mention HSN/SAC numbers as given by vendors at the time of quote and reflected in the order. These numbers must be in accordance with GST Act 2017 and responsibility of specifying correct HSN no. / SAC no. in quote is that of vendor. MDL shall not be responsible for any error in HSN/SAC no specified by vendor however if any penalty is levied on MDL or any loss of ITC to MDL occurs or any delay in availing ITC by MDL occurs due to such error vendor shall reimburse/ make good such loss within 15 days after intimation by MDL.

24.6. Any delay in availing of ITC by MDL beyond the time permitted by GST Act 2017 due to non-compliance by vendor shall be compensated by vendor by way of interest for such period at the rate promulgated by MDL every quarter within 15 days after intimation by MDL.

24.7. **Stamp Duty (Applicable only for the Work Contracts):** It shall be incumbent on the successful tenderer to pay Stamp duty on the contract. 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 and includes a sub-contract, as under:

Contract Value	Stamp Duty
a. Where the amount or value said forth in work contract does not exceed ₹ 10 Lakhs.	₹ 500.00



b. Where it exceeds ₹ 10 Lakhs	₹ 500.00 +1% of the amount above ten lakhs subject to maximum of ₹ 25 lakhs.
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24.8. Bidder(s) will 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.

24.9. Wherever all inclusive prices are quoted by the Bidder(s) without bifurcation of tax elements, no escalation can be considered in respect of any variations in statutory levies arising subsequently because of the absence of the required base figures in the purchase order / contract.

24.10. Taxes and other levies shall be deducted at source, wherever applicable, from the bills of the Contractor/Bidder as per statutes.

24.11. Any increase/decrease in taxes, duties & levies or introduction of new taxes due to change in the legislation shall be subject to adjustment.

25. स्थापना, परीक्षण और कमीशन के लिए सहायता / ASSISTANCE FOR INSTALLATION, TESTING, COMMISSIONING AND OTHER SUCH TECHNICAL ACTIVITIES:

25.1. **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.

25.2. **Water:** The contractor shall make his own arrangement for potable water & storing arrangement, required for execution of the works at his own cost.

25.3. **Equipment/Machinery:** The contractor shall make his own arrangement for all equipment, machinery, tools and tackles etc.

25.4. **Construction Material:** All the materials required for works procured by the Contractor shall be of reputed make and as approved by MDL. The rate shall be inclusive of transportation, storage, security, handling etc.

25.5. **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.

26. मूल्य वरीयता / PRICE PREFERENCE:

26.1. NO PRICE PREFERENCE SHALL BE GIVEN TO ANY BIDDER IRRESPECTIVE OF THEIR STATUS.

27. बोलियाँ में संशोधन / MODIFICATION TO THE BIDS:

27.1. Bidders desirous of modifying their bids prior to the closing date & time may do so online in the e-Procurement Portal <http://eprocuremdl.nic.in> prior to the tender closing date & time.

28. सार्वजनिक शिकायत कक्ष / PUBLIC GRIEVANCE CELL:

28.1. A Public Grievance Cell headed by **General Manager (F-P&S)** has been set up in the Company. Members of public having complaints or grievances are advised to contact him on Wednesday between 10:00 hours and 12:30 hours in his office on **6th Floor, Mazdock House** or send their complaints / grievances to him in writing for redressal. His Telephone No. is **2378 2338/ 2376 2106**

29. वृद्धि / ESCALATION:



- 29.1. The rates shall remain firm and fixed during the tenure of the contract and no escalation, whatsoever, shall be payable.
- 29.2.

30. परिनिर्धारित हर्जाना / LIQUIDATED DAMAGES:

30.1. 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 undelivered/ unfinished portion of the order/ contract.

30.2. 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.

30.3. 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 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.

31. बाधा / HINDRANCE:

31.1. A Hindrance Register as per attached format at **Enclosure-7** shall be maintained with the Designated Representative from TS Department. The Contractor shall submit schedule for completion of work and get it 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.

31.2. The Hindrance Register shall document the following aspect post placement of the PO/ Contract:-

- 31.2.1. Reasons for the delay vis-à-vis the mutually agreed schedule
- 31.2.2. Delay in inputs (Drawings/ Documents/ Site Clearances/ Services/ Inspection Call)
- 31.2.3. Delay by Inspection Agency/ Customer
- 31.2.4. Delay on account of specialist services
- 31.2.5. Non performance by the Contractor
- 31.2.6. Delinquency by the vendor
- 31.2.7. Force Majeure
- 31.2.8. Any other relevant reason

31.3. All the hindrances with date of occurrence and removal are to be noted in the hindrance register. The Hindrance Register will be signed by the Designated Representatives from CMS of Technical Services Department (MDL) authorized Signatory from the Contractor side.

31.4. 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.

31.5. 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.

31.6. 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 by the user. 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.**

32. बोलियों को श्रेणीबद्ध करने हेतु भार लाने का मापदंड / LOADING CRITERIA FOR RANKING OF BIDS:

32.1. It is desirable that the bidders accept the tender terms & conditions without any deviation. In case of deviations sought by bidders against Payment Terms/other Commercial Terms, the Price Bids of such bidders shall be loaded for ranking of bids to judge the Lowest (L1) bidder as detailed below:

32.1.1. It is desirable that the bidder accepts the Terms of Payments indicated in the tender enquiry above. Varied payment terms quoted by indigenous bidders as compared to the terms stated in the Tender document shall be normalized by adopting the Prime Lending Rate of State Bank of India plus 2% thereon on the amount (s) at variation and / or for the period (in no. of days) at variation.

32.1.2. For the additional delivery period sought by the bidder over the stipulated date of delivery as per Tender, 0.50% per completed week may be loaded to the quoted price.

32.1.3. Deviations sought in respect of rate per week and / or maximum ceiling in respect of liquidated damages shall be loaded to the quoted price. For example, the maximum ceiling towards liquidated damages stipulated in the Tender is 5% and the bidder seeks to limit it to, say 3.50% then the price quoted will be loaded by 1.5%. If the rate of LD per week is 0.50% per week or part thereof as per tender and the bidder seeks it as, say, 0.40% per week or part thereof, the maximum ceiling on LD as per tender will first be equated to weeks (10 weeks in this case) and the rate proposed by the bidder i.e. 0.40% will be multiplied by the so equated maximum period (which works out to 4%) and the quoted price will be loaded accordingly by 1%. Delivery being the essence of the contract, it is desirable that the bidder(s) adhere to the stipulated clause.

32.1.4. Bidder(s) are advised to peruse the loading criteria thoroughly and understand the same. In case of doubt, bidders are required to get clarification on the same prior to submission of their bid(s). Revision of price bids due to reason of lack of clarity on loading factors shall not be allowed.

33. ठेकेदारों के कर्मचारियों का पुलिस सत्यापन POLICE VERIFICATION OF CONTRACTOR'S EMPLOYEES:

33.1. The successful bidder shall have to obtain Police Verification Report (PVR) of their Employees prior to deployment at Naval Dock site for execution of the work A Detailed procedure for Entry Passes for Contractor's Employees is displayed on MDL's website www.mazdock.com **BIDDERS ARE REQUESTED TO NOTE THE SAME. NO RELAXATION SHOULD BE ASKED FOR.**

34. ई-टेंडरिंग के लिये मार्गदर्शन / GUIDANCE FOR E-TENDERING:

34.1. No offer in sealed envelope will be accepted against e-Procurement.



34.2. For any further details on e-tendering & Digital Signature Certificate(DSC), following are the contact details – email: eproc-support@gov.in , global support number - +91-120-4200462/+91-120-4001002, Mobile No - +918826246593.

34.3. For uploading the tender details, DSCs issued by the following are acceptable: i) n-Code ii) MTNL iii) TCS iv) SIFY

34.4. For mapping of DSC, representative of National Informatics Centre may be contacted.

34.5. Bidders who had earlier participated in MDL tenders on e-Procurement portal <https://mdl.eproc.in> need to register again on the current e-Procurement portal <https://eprocuremdl.nic.in>

34.6. Training to vendors for E-procurement is organized by CIT department of Mazagon Dock Shipbuilders Limited & National Informatics Centre Representative on every Friday at 1400 hrs in CIT Department. Vendors desirous of attending the training may contact Mr. M. S. Kumbhare, AGM(C-MP) on telephone +91-22-23763252 & email – mskumbhare@mazdock.com

35. अनुचित ऑनलाइन भरना / IMPROPER ONLINE FILLING:

35.1. In case of improper on-line filling of Acceptance Formats for Tender Enquiry Form, General Terms and Conditions (GT and C) and Standard Terms and Conditions (STACS), it shall be presumed that all our tender terms & conditions are acceptable to bidder.

36. एमडीएल का अधिकार / MDL's RIGHT:

36.1. MDL reserves the right to consider placement of Order / Contract in part or in full against the tendered quantity or reject any or all tenders without assigning any reasons thereof.

We look forward to your participation in on-line bidding by offering your most competitive and reasonable bid against this tender.

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

Add. General Manager (TS-C)
Technical Services Department

**Enclosures:**

1.	Enclosure-1	-	Form of undertaking to be furnished by the bidder
2.	Enclosure-2	-	MDL Bank Account Details for Online Remittance of EMD/Security Deposit
3.	Enclosure-3	-	RTGS/NEFT/ECS – Mandate Authorisation Form
4.	Enclosure-4	-	Proforma Bank Guarantee format for Bid Bond / EMD
5.	Enclosure-5	-	Proforma for Performance Bank Guarantee
6.	Enclosure-6	-	Extract of Official Secrets Act, 1923
7.	Enclosure-7		Hindrance Register Format
8.	Enclosure-8	-	Price Bid (Part-II) - to be submitted online
9.	Enclosure-9	-	Tender Drawings
10.	Enclosure-10		Annexure-I (for Scope of work)- attached separately
11.	Enclosure-11		Annexure-II (for Specification & Make List)- attached separately
12.	Enclosure-12	-	Standard Terms & Conditions (STACS) – attached separately
13.	Enclosure-13	-	General Terms & Conditions (GT&C) – attached separately
14.	Statutory requirements & Safety clause	-	To be downloaded from our website www.mazdock.com

**Enclosure-1****FORM OF UNDERTAKING TO BE FURNISHED BY THE BIDDER**

(To be typed on Bidder's Letterhead)

To,
The Additional General Manager/HOD (TS),
Mazagon Dock Shipbuilders Limited,
Dockyard Road, Mumbai-400 010.

Sir,

Sub: Renovation and Modification of Kalvari & Khanderi Stores at Naval Dockyard, Mumbai.

Ref: MDL Tender Enquiry No. 190000023 dated 04 Oct'17

1. Having visited the site and having examined the General Conditions of Contract, Technical Specifications, Drawings and Bill of Quantities for the above named work, we offer to construct, complete and maintain the whole of the said works in conformity with the said General Conditions of Contract, Technical Specifications, Drawings and Bill of Quantities for the sum stated in Bill of Quantities included in this Tender Document for such other sum as may be ascertained in accordance with the said conditions of Contract.
2. We undertake to complete and deliver the whole of the works comprised in the Contract within the time stated in this tender.
3. We have independently considered the amount of Liquidated damages indicated in the tender and agree that it represents a fair estimate of the loss likely to be suffered by you in the event of the work(s) not being completed in time.
4. If our Tender is accepted, we will, when required, obtain the guarantees from a Bank (to be approved by you) to be jointly and severally bound with us for the sum named in the tender for the due performance of the Contract under the terms of a Bond to be approved by you.
5. The Contractor's All Risk Policy for the full value of the Contract valid till the completion period will be obtained by us in the joint names of Mazagon Dock Shipbuilders Limited and ourselves.
6. We agree to abide by this Tender for the period of **120** days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiry of this period.
7. Unless and until a formal Agreement or Order is prepared and executed, this tender together with your written acceptance thereof, shall constitute a binding Contract between us.
8. We understand that if our Tender-Bid is accepted, we are to be jointly and severally responsible for the due performance of the Contract.
9. We understand that you are not bound to accept the lowest or any Tender you may receive.

Dated this _____ day of _____ (year)

Signature _____ in the capacity of _____

duly authorised to sign Tenders for and on behalf of _____

(IN BLOCK CAPITALS)

Witness:



Signature _____ Address of Witness _____
Name _____ Occupation _____

**Enclosure-2**

MAZAGON DOCK SHIPBUILDERS LIMITED
DOCKYARD ROAD
MUMBAI - 400010

1. MDL'S BANK ACCOUNT DETAILS:

NAME OF BANK A/C HOLDER	:	MAZAGON DOCK SHIPBUILDERS LTD
BANK AND BRANCH	:	STATE BANK OF INDIA, MAZAGON BRANCH, MUMBAI
BRANCH CODE	:	9054
BANK ACCOUNT NO	:	10005255246
IFSC CODE	:	SBIN0009054
MICR/NECS CODE	:	400002120
INCOME TAX PAN NO	:	AAACM8029J

2. DETAILS OF REMITTANCE TO MDL'S BANK ACCOUNT:

(To be filled in by the vendors/firms making remittance of funds in MDL'S Bank Account)

Date of Remittance	Name of Firm	UTR No.	MDL tender/PO. Ref No.	Nature of Remittance viz. EMD/SD etc	Amount Remitted (₹)

Signature of Bidder

3. SAP Parked document No: _____ Date: _____
(To be filled in by MDL's Commercial Executive)

Note: Sr. No.2 and 3 above will be filled in by the Bidder and MDL Commercial Executive respectively and the form forwarded to Treasury Section for posting of SAP Document to the respective Bank Account.

**Enclosure-3****RTGS/NEFT/ECS – MANDATE AUTHORISATION FORM**

1.	VENDOR NAME	:	
2.	PAN NO	:	
3.	VENDOR ADDRESS	:	
4.	VENDOR'S TELEPHONE/FAX	:	
5.	E-MAIL ADDRESS	:	
6.	BANK NAME	:	
7.	BANK ADDRESS	:	
8.	ACCOUNT NUMBER	:	
9.	ACCOUNT TYPE	:	
10.	NEFT CODE	:	
11.	RTGS CODE	:	
12.	MICR CODE	:	
13.	GST REGISTRATION NO	:	

We hereby declare that the particulars given above are correct and complete. If the transaction is delayed for reasons of incomplete or incorrect information, we would not hold MDL responsible.

Date**Vendor's Seal****Authorised Signature of the Vendor**

Certified that the particulars as per Serial No. 1 & 6 to 12 are correct as per our records.

Date**Bank's Stamp****Authorised Signature of the Bank Officer**



Enclosure-4

PROFORMA BANK GUARANTEE FOR BID BOND / EMD

(On Non-Judicial stamp paper of value ₹100/-. However, the value of stamp paper to be confirmed from Legal Department, MDL.)

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 agreed to accept the Earnest Money Deposit (EMD) of Rs----- (Rupees----- only) in the form of Bank Guarantee from Messers a partnership firm/sole proprietor business/a company registered under the Companies Act, 1956 having its office at(hereinafter called " the tenderer" 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) for participating in the Tender no.....dated..... (hereinafter called "the tender" which expression shall include any amendments/alterations to "the tender" issued by "the Company") for the supply, delivery at site, installation and commissioning of certain equipment, item/services/civil works etc., We, Bank having office at (hereinafter referred to as "the Bank" which expression shall includes 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 tenderer of any of the terms and conditions of the said tender.

2. We, Bank further agree that the Company shall be sole judge whether the said tenderer has failed to perform or fulfil the said tender in terms thereof or committed breach of any terms and conditions of the tender 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.

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 tenderer 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 tender/or to extend time of performance by the tenderer from time to time or to postpone for any time to time any of the powers exercisable by the Company against the tenderer and to forbear to enforce any of the terms and conditions relating to the tender and we shall not be relieved from our liability by reason of any such variation or extension being granted to the tenderer or for any forbearance, act or omission on the part of the Company or any indulgence by the Company to the tenderer 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 tenderer or dissolution or winding up of the business of the tenderer.

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
or the person authorised to sign)

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

**Enclosure-5****PROFORMA FOR PERFORMANCE BANK GUARANTEE**

(On Non-Judicial stamp paper of value ₹100/-. However, the value of stamp paper to be confirmed from Legal Department, MDL.)

IN CONSIDERATION OF MAZAGON DOCK SHIPBUILDERS LIMITED (formerly known as 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 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 Contractor" 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 Company") for the work of _____ as stated in the said Order and the Company having agreed that the Contractor shall furnish a security for the performance of the Contractor obligations and/or discharge of the Contractor liability in connection with the said order and the Company having agreed with the Contractor 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 Contractor of any of the terms and conditions of the said order.

2. We, Bank further agree that the Company shall be sole judge whether the said Contractor 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.

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 Contractor 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 Contractor from time to time or to postpone for any time to time any of the powers exercisable by the Company against the Contractor 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 Contractor or for any forbearance, act or omission on the part of the Company or any indulgence by the Company to the Contractor 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 Contractor.

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")

**Enclosure-6****EXTRACT OF PROVISIONS OF THE OFFICIAL SECRETS ACT, 1923****SECTION 2(B) ; “PROHIBITED PLACE”**

It is defined as the place of any work of Defence Dockyard and other so belonging or occupied and used for the purpose of building, repairing, making or storing any ammunitions of war.

For the purpose of the above definition, sketch includes any photograph or other mode of representing any place or thing.

SECTION 3 : “PENALTIES FOR SPYING”

If any per unlawfully -

- a) approaches, inspects, passes over or is in the vicinity of any clear place; or
- b) make any sketches intended to be directly or indirectly useful to an enemy ;
or
- c) obtains, collects, records or communicates to any other person any secret official code.

Shall be liable for imprisonment of 14 years in case of Defence Installation.

SECTION 4 : “COMMUNICATION WITH FOREIGN AGENTS”

If Any person has been in communication with or attempted to communicate with foreign agents regarding the vital information of any “PROHIBITED PLACE” would be guilty of violating the provisions of this Act.

SECTION 5 : “WRONGFUL COMMUNICATION OF INFORMATION”

If any person having in his possession or control any official document;

- a) Willfully communicates to any person, other than a person, who is authorised to communicate it.
- b) Used the information in his possession for the benefit of any foreign power.
- c) Retain in his possession when he has no power to retain it
- d) Fails to take reasonable care of it.

Shall be guilty of an offence under this Act.

SECTION 6 : “UNAUTHORISED USE OF UNIFORMS”

If any person for the purpose of gaining admission or of assisting any other person to gain admission to a “PROHIBITED PLACE” wears uniforms without lawful authority shall be guilty of offence under this Section.

SECTION 7 : “INTERFERING WITH OFFICERS OF POLICE”

No person in the vicinity of any “PROHIBITED PLACE” shall obstruct any Police Officer engaged on guard, sentry or similar duty. If any person move in the



provisions of this section, shall be punishable with imprisonment, which may extend up to 3 years.

SECTION 8 : “DUTY OF GIVING INFORMATION”

It shall be duty of every person to give on demand to a superintendent of Police or any other Police Officer not below the rank of Inspector, any information in his power relating to an offence under this Act.

If any person fails to give such information, shall be punishable with imprisonment to 3 years or fine or with both.

SECTION 9 : “INCITEMENT”

Any person who attempts to commit or debate the commission of an offence under this Act shall be punishable with the same punishment and be liable to be proceeded against in the same manner as if he had committed such offence.

SECTION 10 : “PENALTY FOR HARBOURING SPIES”

If any person whom he knows or has reasonable grounds for supposing to be person who is about to commit or who has committed offence under this Act shall be guilty of offence under this Section.

SECTION 11 : “SEARCH WARRANTS”

If a presidency Magistrate, Magistrate First Class or Sub-Divisional magistrate is satisfied with the information that there is reasonable ground for suspecting that an offence under this Act has been or is about to be committed, he may grant search warrant to any Police Officer to enter at any time any premises to force to search premises or the places.



HINDRANCE REGISTER

1. Name of the 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 / Contractor:.....

Sr. No.	Nature of Hindrance	Activity of work affected	Date of notification by contractor	Name & Signature		Date of removal of hindrance	Action Taken	
				Contractors Representative	Site Executive of MDL		Contractors Representative	Site Executive of MDL

**Enclosure-8****PRICE BID (PART-II)
BILL OF QUANTITIES
(To be submitted online)****Sub: Renovation and Modification of Kalvari & Khanderi Stores at Naval Dockyard, Mumbai.****Ref: MDL Tender No. 190000023 dated 04 Oct'17**

Sr	Item Description	Qty	Unit	Estimated Rate (Rs)	Estimated Amount (Rs)
1	Dismantling carefully RCC Work including cutting bars and stacking of steel bars within MDL premises and disposal of un-serviceable material outside MDL premises to municipal dumping ground complete as directed at any height / Location etc.	9.00	Cu M	2530.90	22778.10
2	Demolishing carefully brick work of any thickness including tile work, plaster etc as directed & disposal of debris outside MDL premises etc. all complete & as directed.	6.00	Cu M	1683.75	10102.50
3	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within MDL premises etc. complete as directed. Area Of area 3 sq. metres and below	15.00	Nos	218.57	3278.55
4	Dismantling steel work in single sections including dismembering and stacking within 50 metres lead in: Channels, angles, tees and flats	200.00	Kg	1.32	264.00
5	Dismantling carefully tile work laid in cement mortar & carting away the same outside MDL to Municipal dumpig yard complete. For tile thickness upto 25mm	61.00	Sq M	43.69	2665.09
6	Dismantling damaged portion of cement plaster of any finish from the wall & raking out the joints to a depth of 20mm & carting away debris etc outside MDL premises etc.all complete & as directed.	267.00	Sq M	69.44	18540.48
7	Providing and laying Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in : Cement mortar 1:4 (1 cement : 4 coarse sand)	6.00	Cu M	8033.26	48199.56
8	Providing & fixing in position Centering & shuttering for beams, lintels, plinth beams, girders, cantilevers etc. including strutting, propping etc. and removal of form work of approved type as directed	7.00	Sq.M.	474.81	3323.67



9	Providing & fixing in position reinforcement bars including straightening, cutting, bending, placing in position & binding with binding wires / welding where ever necessary for slabs / beams / columns; etc. all complete as directed at any location (Lapping / chairs will be measured & paid)-- Thermo-Mechanically Treated / Cold Twisted bars	96.00	Kg.	78.37	7523.52
10	Providing & Laying Reinforced cement concrete (1:2:4), (1 Cement: 2 coarse aggregate: 4 graded stone aggregate 20mm nominal size) in position excluding centering, shuttering, finishing & reinforcement bars, including curing etc;complete as directed.	4.00	Cum	7993.31	31973.24
11	Providing and applying plastering on RCC/brick masonry work with 12 mm thick cement mortar (1:4) including curing etc; all complete as directed.	176.00	Sq.M	239.48	42148.48
12	Providing and applying 20 mm thick waterproof cement plaster(1:4) in two coats for external surface mixed with standard waterproofing material as per manufacturer specification, curing etc. all complete as directed.	165.00	Sq.M	361.36	59624.40
13	Providing and applying POLYMER MODIFIED MORTAR(PMM) in proportion of 1(Polymer) : 5(Cement) : 15 (Quartz sand) by weight with water cement ratio of 0.35 including application of bond coat of Krishna Conchem or equivalent using brush in ratio of 1 (Polymer) :1 (Cement) : 0.35 (water) by weight including cleaning of surface with air mixed with water under pressure, and subsequent layer upto 10mm after hardening curing; all complete.(Polymer manufactured by sunanda, pidilite, fosroc, acro- chem, build core or equivalent) all complete as approved & as directed by Engineer	630.00	Kgs.	124.20	78246.00



14	Providing and Fixing 18mm thick gang saw cut mirror polished pre-moulded and pre-polished machine cut for kitchen platforms, vanity counters, window sills, facia and similar location of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) with joints treated with white cement, mixed with matching pigments, epoxy touch ups, including rubbing, curing, moulding and polished to edge to give high gloss finish etc. complete at all levels- Granite of any colour and shade (Basic rate = Rs. 3000.00 per Sqm.) Area of slab up to 0.5 Sqm	20.00	Sq.M.	4641.40	92828.00
15	Providing and Fixing 18mm thick gang saw cut mirror polished pre-moulded and pre-polished machine cut for kitchen platforms, vanity counters, window sills, facia and similar location of required size of approved shade, colour and texture laid over 20mm thick base cement mortar 1:4 (1 cement : 4 coarse sand) with joints treated with white cement, mixed with matching pigments, epoxy touch ups, including rubbing, curing, moulding and polished to edge to give high gloss finish etc. complete at all levels- Granite of any colour and shade (Basic rate = Rs. 3000.00 per Sqm.) Area of slab over 0.5 Sqm	6.00	Sq.M.	4310.95	25865.70
16	Providing and laying average 5mm thick self levelling epoxy flooring coating system with Epoxy flooring system of M/S STP LTD or M/S VRC PVT LTD or M/S Pidilite or equivalent with all material, labour, tools etc. The work consists of surface preparation of cleaning the floor by mechanical wire brush and as well as grinding clening to obtain the fairly leveled surface to receive the epoxy primer, applying one coat of epoxy primer as bond coat with sand springling system, laying 4mm thick epoxy screed compound with the help of mechanical tools and mixer etc and finally laying of 1mm thick epoxy top coat in approved colour as per shade card, as per manufacturer's specification and the direction of the Engineer in charge etc complete	80.00	Sq.M.	2568.48	205478.40



17	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS 15622 (thickness to be specified by the manufacture) of approved make in approved colours, shades of any size as approved by Engineer -Incharge in skirting, risers of steps and dados over 12mm thick bed of Cement Mortar 1:3 (1 Cement : 3 Coarse Sand) and jointing with grey cement slurry @ 3.3 kg per sqm including pointing in white cement and matching pigment etc. complete as directed.	222.00	Sq.M.	1031.31	228950.82
18	Providing & fixing in position 35 mm thk solid core approved brand flush door, finished with 1.0 mm thk. Laminate of approved pattern from bothside and with steel plate at bottom inclusive of heavy duty brass hinges of 100 x 25mm along with approved make cylindrical lock, S. S. finish Handles-300mm, S. S. finish Tower bolt-200mm, etc as per approval and t.w.biding wherever required for the internal door shutter of kitchen and complete all as per drg.,details and as directed.all complete & as directed by Engineer / Architect (Basic cost Rs.1350/ per sheet)	10.00	Sq M	13868.84	138688.40
19	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm) with double speed adjustment with necessary accessories and screws etc. complete.	6.00	Nos	537.81	3226.86



20	<p>Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15) Anodised aluminium For fixed Portion</p>	321.00	Kg.	491.84	157880.64
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21	<p>Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)</p> <p>Anodised aluminium</p> <p>For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately).</p>	60.00	Kg.	574.71	34482.60
22	<p>Providing and fixing 12mm thick prelaminated three layer medium density (exterior grade) particle board Grade I, Type II conforming to IS 12823 bonded with phenol formaldehyde synthetic resin, of approved brand and manufacture in panelling fixed in aluminium doors, windows shutters and partition frames with CP brass/ stainless steel screws etc complete as per drawings and directions of engineer in Charge. Prelaminated particle board with decorative lamination on both sides</p>	48.00	Sq M	1199.97	57598.56



23	Providing and fixing glazing in wooden/aluminium door, window, ventilator shutters and partitions etc with PVC/ neoprene gasket etc complete as per the architectural drawings and the directions of engineer in charge (Cost of aluminium snap beading shall be paid in basic item) Make of glass Saint Gobin, ASAI, Modi Float or equivalent With float glass panes of 5.5mm thickness (weight not less than 13.75 kg/ sqm)	16.00	Sqm	1390.16	22242.56
24	Supplying and fixing in position rolling shutters of guage & of approved make, made of required size MS laths interlocked together through their entire length and jointed together at the end by end locks mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete including the cost of providing and fixing necessary 27.5 cm long wire springs grade No 2 and MS top cover of required thickness for rolling shutters-- 80*1.25mm M.S.laths with 1.25mm thick top cover including providing and fixing of ball bearing for roller shutters and including providing mechanical device chain and crank operation for operating rolling shutters	9.00	Sq M	3207.07	28863.63
25	Modular False Ceiling : Armstrong Modular ceiling grid (hot dipped galvanized steel section) will have 595 x 595 mm x 15mm fine fissured tiles(lay-in type) in true horizontal level using a 15mm T bar section suspended from the ceiling slab using 2 mm wire at every 1200mm interval. And will have fire rating of 60 minutes as per BS 476/23 of 1987, Noise reduction Coefficient (NRC) of 0.50-0.60, to resist temperature and humidity conditions up to 40 degree (104deg. F) and humidity of 99% RH.	20.00	Sqm	164.36	3287.20
26	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	336.00	Sq M	164.36	55224.96
27	Providing & Applying one coat of cement primer of approved brand and as per manufacturer's specification on wall surface etc. complete as directed.	336.00	Sq.M	51.16	17189.76



28	Providing & Applying two coats of plastic emulsion paint of approved brand & manufacture and shade to give uniform finish etc. complete as directed.	336.00	Sq.M	76.50	25704.00
29	Finishing wall with Premium Acrylic smooth exterior paint with silicone additives of required shade : New work (two or more coats applied at 1.43 lit/10sq.m over and including priming coat of exterior primer applied at 2.20kg/10sq.m	210.00	Sq.M	134.04	28148.40
30	Machine polishing to Mosaic/Marble tiling in floor or any other type of flooring in three coats after suitable joint filling, cleaning, washing etc; complete as directed at any location / height.	103.00	Kg	101.17	10420.51
31	Structural steel work bolted or welded in built up sections, truss and framed work for safety Railing, platform etc. as per drawing including necessary Anchor fastners for fixing of Brackets. Including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer and two coats of approved enamel paint all etc. all complete and as per directives of Engineer:	1004.00	Kg	158.10	158732.40
32	Supply & Fixing of High Tensile Alloy Steel 550 MPA having Galvanized + Aluminum Combined Coating of 150 GPM (AZ150) Colour Coated Trapezoidal Roofing Sheets of 0.70mm TCT to roofs & Side claddings, with packing, transportations, necessary required hard wares, i.e. self tapping and drilling screws as per AS 3566 including stitching of vertical (side lap) joints with special aluminium roofing rivets and washers at approx 500mm distance including wastage, overlap complete, measurement as per laid area after completion of work to roof, side, gable end.	15.00	Sq M	800.06	12000.90
33	Providing and erecting bamboo's double scaffolding of required height and width and strength by sides of building for platform to enable departmental workmen to carry out repairs to building at any level from ground to any floor height as directed including removing the same and clearing the site. (The rate for this item will be applicable for work beyond 10 m height for building / shed / workshop since all the items of work are inclusive of scaffolding upto	250.00	Sq. M	68.30	17075.00



	10 M height)				
34	Providing & Applying two coats of synthetic enamel paint of approved brand & manufacture and shade to give uniform finish over an undercoat of suitable shade with ordinary paint of approved brand with the help of brush, Rollers etc. complete as directed.	45.00	Sq M	155.50	6997.50
35	Supplying and erecting Triple pole metal/ iron clad switch & fuse 415/ 500V 32A on iron frame/board as per specification No. SW-SWR/MTP	2.00	AU	1449.60	2899.19
36	Supplying, erecting & marking FPMCB 40A to 63A in provided distribution board as per specification No. SW-SWR/MCB	2.00	AU	1426.03	2852.07
37	Supplying, erecting & terminating PVC armoured cable 4 core 10 sq mm copper conductor continuous 5.48 sq mm (12 SWG) G.I. earth wire complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/CU	20.00	M	624.91	12498.28
38	Supplying , erecting & Terminating PVC armoured cable 4 core 6 sq mm copper conductor continuous 5.48 sq mm (12 SWG) G.I. earth wire complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/pipe as per specification no. CB-LT/CU Note:1) Rate of all cables includes cost of lugs, glands, etc. required for erection and connection of cable.	150.00	M	409.78	61466.94
39	Supplying & erecting triple pole and neutral distribution board (TPNDB) surface/ flush mounted, suitable for SPMCB of 12 ways, on iron frame/wooden board.(Horizontal type) as per specification No. SW-SWR/MCBDB	2.00	AU	2056.07	4112.14
40	Supplying, erecting & marking SPMCB 6A to 32A, B- series (for lighting) in provided distribution board as per specification No. SW-SWR/MCB	12.00	AU	165.96	1991.53
41	Supplying, erecting & marking SPMCB 6A to 32A, C-series (for motor/power) in provided distribution board as per specification No. SW-SWR/MCB	11.00	AU	177.23	1949.53



42	Supplying & erecting ready to use retrofit T8 LED 18-20W tube light with heat sink, integrated HF electronic driver complete & compatible to T8 (36W) / T12 (40W) luminaire by disconnecting starter & ballast if necessary.	44.00	AU	1143.76	50325.28
43	Supplying & erecting decorative pre-wired box type fitting/batten suitable for 4' T8 LED tube light (Excluding tube light).	44.00	AU	314.64	13844.12
44	Supplying and erecting square shaped CRCA / die-cast aluminium powder coated housing LED Panel light 600X600mm of PREMIUM RANGE suitable for upto 36 W with provision for plane front frame with translucent cover fixed to the housing complete.	4.00	AU	6355.81	25423.26
45	Supplying and erecting double suspension heavy duty lacquered iron chain with hooks for erecting fluo.tube light fitting with necessary 2 or 3 core copper flexible wire 24/.2 mm for connecting leads.(for measurements half of the actual length used) Note: The item shall be provided only at the time of installation of fitting on trusses / pipe / angle / channel.	20.00	M	33.81	676.14
46	Supplying and erecting double suspension pipe rod of 16 gauge 20mm.dia H.G.conduit duly threaded and painted with two coats of enamel paint for erection of fluo tube light fitting with necessary check nuts and shielded copper flexible wire twin core of 24/.2 mm for connecting leads (for measurements half of the actual length both pipes used)	88.00	AU	153.67	13522.73
47	Supplying and erecting ball suspension plate cast aluminum erected with spring on wooden block in position.	88.00	AU	28.68	2524.24
48	Supplying and erecting regular/ standard model Ceiling fan of 1200 mm. sweep complete erected in position as per specification no. FG-FN/CF	6.00	AU	1837.86	11027.17
49	Providing and erecting bracket fan 400 mm. sweep A. C. 230 volts 50 cycles 1350 R.P.M. Oscillating type, plastic or metal blades chrome plated guard with regulator and moisture proof treatment to winding and with 'E' class insulation and marking Sr. No. and date of erection	6.00	AU	2032.51	12195.04



50	Supplying Pedestal fan 400 mm. 230 Volts 50 cycles oscillating type complete with guard and regulator 3 mtrs. Of flexible wire and hand shield type 3 pin plug top and marking Sr. No. and date of erection.	4.00	AU	2515.02	10060.09
51	Supplying and erecting cabin fan of A.C. 230 V. 50 cycles 250 mm. / 300 mm. sweep complete with necessary brackets for fixing cabin fans, wire etc and marking Sr. No. and date of erection.	3.00	AU	1645.27	4935.80
52	Supplying and erecting Exhaust fan heavy duty 230 V A.C. 50 cycles 450 mm. 900 RPM complete erected in position as per specification no. FG-FN/EXF	3.00	AU	4559.82	13679.47
53	Supplying and erecting electronic type step regulator for ceiling fan 600/ 900/ 1200/ 1400 mm. sweep, complete erected on provided switch board.	6.00	AU	205.91	1235.49
54	Supplying and erecting 'B' grade G.I.pipe/M.S. pipe down rod duly painted for fan complete erected with PVC two core flexible cable 24/0.2 mm copper PVC wire.	6.00	M	197.72	1186.31
55	Supplying and erecting Fan hook of 10 mm. M.S. round bar grouted in RCC slab with making the site as original.	6.00	AU	101.42	608.52
56	Point wiring in PVC trunking (casing-capping) with 1.0 sq.mm FR grade copper wire with flush type switch and required accessories as per specification No: WG-PW/SW	57.00	P	311.43	17751.65
57	Wiring for plug on board with Switch socket with copper wiring and earthing as per specification No:WG-PW/SW	9.00	P	90.15	811.36
58	Supplying and erecting modular type switch 6A / 10A ISI mark approved make duly erected on provided plate and box with wiring connections complete.	18.00	AU	88.10	1585.85
59	Supplying and erecting modular type switch 16A ISI mark approved make duly erected on provided plate and box with wiring connections complete.	13.00	AU	124.98	1624.78
60	Supplying and erecting modular type 3 pin 6A multi socket with safety shutter ISI mark approved make duly erected on provided plate and box with wiring connections complete.	18.00	AU	102.44	1844.01



61	Supplying and erecting modular type 3 pin 6 / 16A multi socket with safety shutter ISI mark approved make duly erected on provided plate and box with wiring connections complete.	13.00	AU	160.84	2090.90
62	Supplying and erecting PVC Surface modular switch box with double mounting plate for 3 module duly erected in an approved manner.	10.00	AU	150.59	1505.94
63	Supplying and erecting PVC Surface modular switch box with double mounting plate for 4 module duly erected in an approved manner.	2.00	AU	176.21	352.41
64	Supplying and erecting PVC Surface modular switch box with double mounting plate for 12 module duly erected in an approved manner.	3.00	AU	386.22	1158.65
65	Supplying and erecting modular type blanking plate one module ISI mark approved make duly erected on provided plate & box.	12.00	AU	23.56	282.75
66	Supplying and erecting PVC Surface modular switch box with double mounting plate for 6 module duly erected in an approved manner.	7.00	AU	239.72	1678.05
67	Supplying & erecting original 1.25 mm CRCA sheet metal enclosures with 20A. 2 pin plug & earth socket and 20A. 3 pin plug top with 20A/30A single pole MCB complete erected on angle iron frame.	5.00	AU	896.39	4481.96
68	Supplying & erecting mains with 2x2.5 sq.mm F.R copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WG-MA/BW	1200.00	M	53.27	63925.62
69	Supplying & erecting mains with 2x4 sq.mm F.R copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WG-MA/BW	50.00	M	75.81	3790.46
70	Supplying and erecting rigid PVC conduit 20 mm dia. With PVC accessories on wall / ceiling as per specification No: WGMA/CON, para no. 1.1.1	200.00	M	59.42	11883.61
71	Supplying and erecting PVC trunking (PVC casing-ncapping) of size 20 mm with accessories on wall/ceiling as per specification No: WG-MA/CON, para no. 1.1.2	500.00	M	33.81	16903.41



72	Supplying and erecting UPVC reinforced flexible conduit 20 mm in dia. conforming to I.S. and approved make with required number of couplings, PVC bushes, check nuts etc. complete.	65.00	M	80.93	5260.55
73	Supplying and erecting Iron work consisting of Various sections of MS and including Plates, Chequered Plates, Rods, Bars, MS pipes, etc. for panel board or any other purposes complete with bending, cutting, drilling and welding complete erected at the position with necessary materials duly painted with one coat of red oxide and two coats of enamel paint to match the switchgears or as per directions by the authority	5.00	KG	111.66	558.32
74	Supplying & installing UTP networking Cat-6 cable suitable for LAN / WAN Computer net-working as per specification No. WGCOC/ NC	150.00	M	44.05	6607.70
75	Supplying and fixing 3 meter length, UTP Patch cord of Cat 6 type in position as per specification No. WG-COC/PC	1.00	AU	345.24	345.24
76	Supplying and fixing 1 meter length, UTP Patch cord of Cat 6 type in position as per specification No. WG-COC/PC	1.00	AU	283.77	283.77
77	Supplying, installing & testing UTP Connector (RJ-45) as per specification No. WG-NAS/UTPC.	2.00	AU	84.00	168.01
78	Supplying and fixing Tool-less Information Outlet (Ethernet) flush/surface type in position as per specification no. WGNAS/ IO	2.00	AU	486.61	973.23
79	Supplying & erecting telephone cable 2 pair with 0.5 mm dia. laid in provided PVC casing / conduit as per specification No. WG-TW	200.00	M	19.46	3892.91
80	Supplying & erecting Rosette box RJ type Bakelite box on wall with LED indication duly connected as per specification No. WG-TW	2.00	AU	100.40	200.79
81	Supplying, erecting, testing and commissioning the 2 Zones Microprocessor based conventional Fire Alarm Control Panel (FACP) with standard accessories complete as per specification No. FF-FAAS/FACP	1.00	AU	21091.36	21091.36



82	Supplying, erecting and testing optical type smoke detector complete on box as per specification No. FF-FAS/SD	5.00	AU	1499.79	7498.97
83	Supplying, erecting, testing and commissioning Manual Call Point (Pill box) with break glass push button in metal enclosure complete as per specification No. FF-FAAS/MCP	1.00	AU	503.00	503.00
84	Supply and erecting hooters with CRCA enclosure complete as per specification No. FF-FAAS/HTR	1.00	AU	545.01	545.01
85	Supplying and erecting XLPE armoured cable 2 core 1.5 sq.mm. copper conductor complete erected on wall/ ceiling as per specification No. CB-LT/CU	50.00	M	102.44	5122.25
86	Dismantling the existing light, fan, bell, clock, independent plug point, wiring including circuit mains of all types along with accessories etc.complete as per specification No: WG-DM/PW	39.00	P	6.15	239.72
87	Dismantling the existing Telephone / Lan / Wan / TV cables and wires of all sizes along with casing-capping / conduit complete as per specification No: WG-DM/PW	10.00	M	3.07	30.73
88	Dismantling the existing Aluminium/copper mains,submains wiring upto 10 sq.mm. along with accessories etc.Complete as per specification No: WG-DM/PW	100.00	M	2.05	204.89
89	Dismantling of existing fluorescent fittings of any type & size.	28.00	AU	10.24	286.85
90	Dismantling the existing ceiling fan/exhaust fan /cabin fan/ bracket fan complete with accessories, G.I. down rod, frame etc. and making the site clear.	11.00	AU	24.59	270.45
91	Dismantling the existing switchgears, DB, and Bus bar of any size complete with/ without board or angle iron frame	1.00	AU	60.44	60.44
92	Dismantling the existing cables of all types & size upto 10 Sq.mm.	35.00	M	10.24	358.56
93	Dismantling the existing cables of all types & size above 10 sq mm upto 50 sq.mm.	20.00	M	15.37	307.33



94	Supply & delivery of wall mounted Inverter Split Air conditioner to Naval dockyard site, Mumbai, of preferred make i.e. Hitachi/Daikin/Bluestar/Carrier having eco-friendly refrigerant gas & inclusive of Indoor Unit, Out door unit, cordless remote controllers with batteries, power supply cable along with connecting pin & accessories etc. all complete as directed by MDL engineer. 1.5 TR Capacity	1.00	Nos	67830.00	67830.00
95	Supply & delivery of wall mounted Inverter Split Air conditioner to Naval dockyard site, Mumbai, of preferred make i.e. Hitachi/Daikin/Bluestar/Carrier having eco-friendly refrigerant gas & inclusive of Indoor Unit, Out door unit, cordless remote controllers with batteries, power supply cable along with connecting pin & accessories etc. all complete as directed by MDL engineer. 1 TR Capacity	1.00	Nos	62648.76	62648.76
96	Supply & delivery of wall mounted Inverter Split Air conditioner to Naval dockyard site, Mumbai, of preferred make i.e. Hitachi/Daikin/Bluestar/Carrier having eco-friendly refrigerant gas & inclusive of Indoor Unit, Out door unit, cordless remote controllers with batteries, power supply cable along with connecting pin & accessories etc. all complete as directed by MDL engineer. 2 TR Capacity	3.00	Nos	70131.38	210394.13



97	Supply & Installation of copper refrigerant piping of suitable dia compatible with the refrigerant gas & air conditioner model with insulation/nitrile rubber sleeves (19 mm thk), end connections with appropriate clamping / supporting arrangement including making holes in walls with core cutting & proper finishing for connectivity from indoor to outdoor unit etc all complete as directed by MDL engineer. Insulation Preferred make - SUPERLON / K-FLEX / ARMACELL Note: 1. The unit rate per meter to be quoted for Suction & discharge pipe put together & not separately. 2. Total quantity from indoor to outdoor unit will be measured and for payment purpose 3 mtrs.of copper refrigerant piping per A.C unit will be deducted from measurement, since these are standard free supply with each A.C unit from Vendor/Manufacturer of A.C	95.00	Mtr	1017.96	96706.20
98	Supply & Installation of suitable L-Shaped brackets duly painted (1set) with bush & fasteners for mounting outdoor unit as directed by MDL engineer. 1.5 TR Capacity	1.00	Nos	2891.49	2891.49
99	Supply & Installation of suitable L-Shaped brackets duly painted (1set) with bush & fasteners for mounting outdoor unit as directed by MDL engineer. 1 TR Capacity	1.00	Nos	2891.49	2891.49
100	Supply & Installation of suitable L-Shaped brackets duly painted (1set) with bush & fasteners for mounting outdoor unit as directed by MDL engineer. 2 TR Capacity	3.00	Nos	2891.49	8674.46
101	Supply & installation of ISI mark UPVC plumbing grade condensate drain pipe with nitrile rubber insulation of 6 mm thk. & fittings with supports & clamps etc all complete for taking out condensate drain water from AC Units up to the Ground Level as directed by MDL engineer, including looping. Preferred Make: UPVC PIPE: PRINCE / ASTRAL / SUPREME 25 mm dia	80.00	Mtr	385.53	30842.35



102	Supply & installation of 2.5 Sq mm 3 core Electrical cable for Inverter split AC (from indoor units to outdoor units) all complete as directed by MDL engineer.	106.00	Mtr	96.90	10271.40
103	Installation of Inverter Split Air conditioner inclusive of Indoor Unit, Out door unit, cordless remote controllers, power supply cable along with connecting pin, accessories etc. & Testing & Commissioning of Inverter Split Air conditioner inclusive of Indoor Unit, Out door unit, cordless remote controllers, accessories, copper refrigerant piping with insulation/nitrile rubber sleeves (19 mm thk) complete with necessary electrical installation with wiring, drain piping, purging with suitable gas for flushing before leak test, leak testing of copper piping & first charge of pre-filled eco-friendly refrigerant gas considering lengths of copper piping & A.C units capacity etc all complete as directed by MDL engineer. 1.5 TR Capacity	1.00	Nos	9638.28	9638.28
104	Installation of Inverter Split Air conditioner inclusive of Indoor Unit, Out door unit, cordless remote controllers, power supply cable along with connecting pin, accessories etc. & Testing & Commissioning of Inverter Split Air conditioner inclusive of Indoor Unit, Out door unit, cordless remote controllers, accessories, copper refrigerant piping with insulation/nitrile rubber sleeves (19 mm thk) complete with necessary electrical installation with wiring, drain piping, purging with suitable gas for flushing before leak test, leak testing of copper piping & first charge of pre-filled eco-friendly refrigerant gas considering lengths of copper piping & A.C units capacity etc all complete as directed by MDL engineer. 1 TR Capacity	1.00	Nos	9638.28	9638.28



105	Installation of Inverter Split Air conditioner inclusive of Indoor Unit, Out door unit, cordless remote controllers, power supply cable along with connecting pin, accessories etc. & Testing & Commissioning of Inverter Split Air conditioner inclusive of Indoor Unit, Out door unit, cordless remote controllers, accessories, copper refrigerant piping with insulation/nitrile rubber sleeves (19 mm thk) complete with necessary electrical installation with wiring, drain piping, purging with suitable gas for flushing before leak test, leak testing of copper piping & first charge of pre-filled eco-friendly refrigerant gas considering lengths of copper piping & A.C units capacity etc all complete as directed by MDL engineer. 2 TR Capacity	3.00	Nos	9638.27	28914.80
106	{A}Providing and Installation of LONG SPAN HEAVY DUTY SHELVING- MAIN UNIT SPECIFICATION : (SIZE 2800H X 600D X 1800 W) a) No OF Main UNITS : 06 No.s b) No. of Levels : 3 No.s c) LOAD PER LEVEL : 500 KG. UDL. d) No. of beams: 6 no.s per unit e) Capacity of each load beam: 250kg f) System components made from superior quality mild steel g) Load beams are provided with beam safety lock Shelving options: GI shelves / wire mesh shelves / chip board shelves h) Finishing : Upright frame: powder coated in blue shade Load beam: powder coated in orange shade Shelves: Galvanized (GI) Qty= 06 Nos {B}Providing and Installation of LONG SPAN HEAVY DUTY SHELVING- ADDON UNITS SPECIFICATION : (SIZE 2800H X 600D X 1800 W) No OF Addon UNITS : 04 No.s No. of Levels : 3 No.s LOAD PER LEVEL : 500 KG. UDL Qty = 04 Nos {C}Providing and Installation of LONG SPAN HEAVY DUTY SHELVING- ADDON UNITS SPECIFICATION : (SIZE 2800H X 600D X 1500 W) No OF Addon UNITS : 01 No.s	1.00	No.(s)	279737.18	279737.18



	No. of Levels : 3 No.s LOAD PER LEVEL : 500 KG. UDL Qty= 01 Nos				
107	Providing and Installation of COMPACTOR HIGH WALL UNIT SPECIFICATION : (SIZE 3111H X 800D X 1400 W) No OF UNITS : 12 FRONT UNIT= 1300W(6 NO.S) BACK UNIT 900 W (6 NO.S) ELEVATION : 3 LOAD PER LEVEL : 80 KG. SYSTEM DEPTH- 400mm= SINGLE STATIC UNIT,400mm= DOUBLE FACED MOBILE DRIVE UNIT, 500mm= SINGLE FACED MOBILE UNIT NUMBER OF LOADING LEVELS= 07 NO.S	1.00	1 SET	679394.99	679394.99
108	Workstation Recta 1350 x 600, As per specification, included in the P.O. No. 3320000036 for Item No. 5100/140. With clear top and modesty panel. Providing 25mm thick both sides Pre- laminated Rectangular worksurface (as per Layout enclosed). With MS Epoxy Powder Coated (40-60 microns) Metal Free Standing Three Drawer Pedestal of size 390W x 435 D x 646 H,with MS Powder Coated (40 microns)	1.00	No.(s)	24775.37	24775.37
109	Chair, As per specification, included in the P.O. No. 3320000036 for Item No. 5100/150. with) 360° revolving type, b) Single Point Control, c) Front Pivot for tilt with feet resting on ground ensuring more comfort, d) Tilt tension adjustment, e) 3- Position locking with anti-shock feature.	1.00	No.(s)	9269.99	9269.99
110	Key Board Pull-out Tray, As per specification, included in the P.O. No. 3320000036 for Item No. 5100/90.	1.00	No.(s)	989.98	989.98
111	MS Powder Coated (40 microns) CPU trolley. As per specification, included in the P.O. No. 3320000036 for Item No. 5100/100.	1.00	No.(s)	387.00	387.00
112	Providing and Installation of Size- 'A' louvre panel with sets of assorted bins. Size 1370 mm (length) x 910 mm (height)- 1 Set	2.00	No.s	213930.67	427861.33
113	Providing and Installation of Size- 'B' louvre panel with sets of assorted bins. Size1820 mm (length) x 910 mm (height)- 1 Set	2.00	No.s	280277.33	560554.67
114	Providing and Installation of LONG SPAN HEAVY DUTY SHELVING-UNIT	1.00	No.(s)	607508.16	607508.16



	<p>SPECIFICATION : (SIZE 2800H X 800D X 1400 W)</p> <p>a) No of UNITS :17 No.s</p> <p>b) No. of Levels : 3 No.s</p> <p>c) LOAD PER LEVEL : 1000 KG. UDL.</p> <p>d) System components made from superior quality mild steel</p> <p>e) Load beams are provided with beam safety lock Shelving options: GI shelves / wire mesh shelves / chip board shelves</p> <p>f) Finishing :</p> <p>Upright frame: powder coated in blue shade</p> <p>Load beam: powder coated in orange shade</p> <p>Shelves: Galvanized (GI)</p>				
115	<p>ROOM NEAR GARAGE STORES</p> <p>Providing and Installation of LONG SPAN HEAVY DUTY SHELVING- SPECIFICATION : (SIZE 2800H X 800D X 1400 W)</p> <p>No OF Addon UNITS : 04 No.s</p> <p>No. of Levels : 3 No.s</p> <p>LOAD PER LEVEL : 1000 KG. UDL</p>	1.00	No.(s)	151896.00	151896.00
116	<p>Providing and Installation of HIGH WALL UNIT MOBILE SHELVING SYSTEM</p> <p>SPECIFICATION : (SIZE 2876mmH X 800D X 1340 W)</p> <p>a) No. of Bays width wise : 2 no.s</p> <p>b) Width of each bay : 1340mm</p> <p>c) Total No. of Bodies : 16 No.s</p> <p>d)Total system Height - 2876mm</p> <p>e) No of Loading Levels Per Unit - 7 no.s</p> <p>f) Maximum load per Loading level : 70 KG.</p> <p>g) SYSTEM DEPTH: 400mm= SINGLE STATIC UNIT,400mm= DOUBLE FACED MOBILE DRIVE UNIT, 500mm= SINGLE FACED MOBILE UNIT</p> <p>h) Total No of Loading Levels - 112 No.s</p>	1.00	1 SET	663850.24	663850.24
117	<p>Workstation Recta 1350 x 600, As per specification, included in the P.O. No. 3320000036 for Item No. 5100/140. With clear top and modesty panel. Providing 25mm thick both sides Pre-laminated Rectangular worksurface (as per Layout enclosed). With MS Epoxy Powder Coated (40-60 microns) Metal Free Standing Three Drawer Pedestal of size 390W x 435 D x 646 H,with MS Powder Coated (40 microns)</p>	1.00	No.(s)	24775.37	24775.37



118	Chair, As per specification, included in the P.O. No. 3320000036 for Item No. 5100/150. with) 360° revolving type, b) Single Point Control, c) Front Pivot for tilt with feet resting on ground ensuring more comfort, d) Tilt tension adjustment, e) 3- Position locking with anti-shock feature.	1.00	No.(s)	9269.99	9269.99
119	Key Board Pull-out Tray, As per specification, included in the P.O. No. 3320000036 for Item No. 5100/90.	1.00	No.(s)	989.98	989.98
120	MS Powder Coated (40 microns) CPU trolley. As per specification, included in the P.O. No. 3320000036 for Item No. 5100/100.	1.00	No.(s)	387.00	387.00
Total Estimated Amount (₹)					60,78,038/-

**Enclosure-9****Renovation and Modification of Kalvari & Khanderi Stores at Naval Dockyard, Mumbai.**

Tender no: 190000023 dated 04 Oct'17

List of Drawings

Sr No	Description	Drawing No
1	Ground Floor Stores AC Layout	TS/CV/ND/KLVR STOR/05
2	Ground Floor Stores Existing Plan	TS/CV/ND/KLVR STOR/06
3	Ground Floor Stores Layout	TS/CV/ND/KLVR STOR/04
4	First floor old coy bldg AC layout	TS/HVAC/ND/OLD COY/02
5	First floor old coy bldg AC layout	TS/CV/ND/OLD COY/01
6	First Floor Old Coy Bldg Existing Layout	TS/CV/ND/OLD COY/03
7	Kalvari stores lighting layout	IP/386/NV1Dkyrd/Garage Room/ELEC-01
8	Kalvari stores_Power Layout	IP/386/NV1Dkyrd/Garage Room/ELEC-02
9	Khanderi stores	IP/ELEC/Khanderi store/R0