



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

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: 1900000181
TENDER NO: 1900000181

निविदा जारी दिनांक: 13 फ़रवरी 2024
TENDER DATE: 13 FEBRUARY 2024

निविदा देय दिनांक एवं समय: 05 मार्च 2024 दोपहर ०२:३० बजे
CLOSING DATE & TIME: 05 MARCH 2024 at 1430 Hrs

भाग १ - तकनीकी एवं वाणिज्यिक हिस्सा खोलने (ऑनलाइन) कि तिथि एवं समय: 06 मार्च 2024,
दोपहर 02.30 बजे से
Online Opening of Part-I (Techno-commercial Bid): 06 MARCH 2024, 1430 Hrs.
IST onwards

माझगांव डॉक शिपबिल्डर्स लिमिटेड, प्रसिद्ध 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 hereinafter referred to as **MDL**, INVITES ONLINE COMPETITIVE BIDS from reputed Bidders in TWO BID SYSTEM (Part-I Techno-Commercial Bid and Part-II Price Bid) on e-procurement portal <http://eprocuremdl.nic.in> for the following Work / Services:

कार्य का वर्णन **DESCRIPTION OF WORK**

**एमडीएल स्थित निम्नलिखित जगहो
का आधुनिकीकरण -**

- i. निवासी क्षेत्र आंग्रे गेस्ट हाउस – फ्लॉट नं. ३०४**
- ii. सतर्कता विभाग, पहली मंजिल, वेस्ट ब्लॉक
मेझनाइन फ्लोर, वेस्ट ब्लॉक, नॉर्थ यार्ड**

Modernization of

- i. Guest House/Flat No. 304, Angre House in
MDL Residential Area**
- ii. Vigilance Department, 1st Floor, West block &
Mezzanine floor, West block, NY, MDL.**

निविदा क्र.: 1900000181
TENDER NO: 1900000181

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1. प्रस्तावना / PREAMBLE

- 1.1. Mazagon Dock Shipbuilders Ltd. (MDL), hereinafter referred as Employer (Client), is a Public Sector Undertaking fully owned by the Government of India under the administrative control of Department of Defence production, Ministry of Defence.
- 1.2. MDL's main business/ activities are Shipbuilding, Submarine Construction and Heavy Engineering Works.
- 1.3. MDL intends to undertake Modernization of
 - i. Guest House - Flat No. 304 in Angre House
 - ii. Vigilance Dept. & HVAC area 1st floor, West block
 - iii. Mazzanine floor of West block, NY, MDL.

2. काम का संक्षिप्त विवरण/ BRIEF SCOPE OF WORK:

2.1. Modernization of Guest House/Flat No. 304, Angre House, Residential Area.

2.1.1. Civil works :-

2.1.1.1. Dismantaling Existing:-

- a) Doors & Windows with frames, Damaged cement plaster, Damaged RCC, Floor tiles, Kitchen plat form, etc.
- b) Dismantaling existing:- Sanitary fitting, water supply lines, sewage lines, water proofing, wall tiles, etc.

2.1.1.2. Providing & Fixing:-

- a) Applying rust removal & rust preventive coating reinforcement.
- b) P & A Internal Plaster.
- c) P & A up to 10mm POP on plastered surfaces.
- d) P & F 1x1m floor tiles.
- e) P & F Granite framing for windows.
- f) P & F Wooden Door Frames & Wooden Door Shutter.
- g) P & F Pantry platforms along with modular kitchen with Inbuilt-Oven & Dish Wash, Chimney & Gas stove, etc.
- h) Kitchen sink with tap.
- i) P & F Water supply & Sewage lines etc.
- j) P & F Water proofing work in toilets.
- k) P & F Wall tiles & floor tiles.
- l) P & F Sanitary fixtures in toilets.
- m) P & F Curtains.

2.1.2. Mechanical works:- Works under this shall comprise of supply installation, testing and commissioning of following at Room No 304, Angre Guest House, Residential Area, MDL, Mumbai.

- a) Inverter Cassette/Split Air conditioning units consisting of indoor units, cordless remote controllers with batteries, remote control holder, adequate length of power supply cables along with connecting pin & accessories.
- b) M.S stands, grill work, structural work as per site requirements for installation of A.C outdoor units.
- c) Copper refrigerant piping with insulation/nitrile rubber sleeves including clamping/supporting arrangement including making precise holes in the walls with core cutting m/c, providing sleeves and proper finishing for connectivity from indoor to outdoor units.
- d) Suitable L-Shaped brackets duly painted with bush and fasteners for mounting outdoor units wherever necessary as directed by MDL engineer.



- e) ISI mark UPVC plumbing grade condensate drain pipe & fitting with supports & clamps etc all complete for taking out condensate drain water from AC units up to the Ground Level.
- f) 2.5 Sqmm 3 core/ 4 core Electrical cable for inverter split AC (from indoor units to outdoor units) all complete.
- g) Pouring with suitable eco-friendly 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.
- h) Scaffolding work required if any for the above work (Under Contractor Scope).
- i) The contractor shall arrange free of cost servicing to be carried out by air Conditioner Manufacturers engineer for the completed works including indoor unit, outdoor unit, copper tubing etc all completed at the interval of every three months during Defect Liability Period.

2.1.3. Electrical Works:

- a) Dismantling the existing light, fan, bell, independent plug point, wiring including circuit mains of all types along with accessories etc.
- b) Dismantling the existing Telephone / LAN / WAN/TV cables and wires of all sizes along with casing-capping / conduit.
- c) Dismantling the existing Aluminium/copper mains, sub-mains wiring, all size cables etc. along with accessories etc.
- d) SITC of Main LT isolator & Electrical distributions boards & light fittings.
- e) Supply, laying and termination of XLPE armoured cable
- f) SITC of MCCB, DBs and MCB DBs for distribution of power.
- g) Point wiring for light & AC points within the newly proposed area.
- h) SITC of rodent repellent
- i) SITC of other accessories like geyser, exhaust fans etc.,
- j) Sorting of dismantled scrap & disposed off to scrap yard. Clearing of all electrical scrap.

2.2. Mezzanine Floor, Vigilance Dept. & HVAC Area 1st Floor, West Block

2.2.1. Brief Scope of Work: Civil Works

2.2.1.1. Modernization of Mezzanine floor, west Block, NY.

A. Dismantling of Existing:

Part: A: Existing Vigilance Office

1. Dismantling of Existing: Wooden partitions, Doors, windows, false ceiling, vitrified floor tiles, shutters at above and below window storages, cub-boards, damaged RCC, Damaged plaster, Brick work etc.

B. Providing & Fixing:

1. Laying of 1.0 x1.0 M Vitrified tiles with Skirting.
2. Granite Framing for Window.
3. Fixing of Aluminum Sliding window.
4. P & A rust removal. Rust side and PMM on damaged RCC member.
5. P & A internal Plaster.
6. P & A Bond coat on existing wall surface.
7. P & A up to 10mm thk. POP on internal wall surface.
8. P & F 35mm thk. Laminated door shutter with vision panel
9. P & F Door closure.
- 10.P & F Gypsum false ceiling @ periphery around the full tiles of Armstrong Ceiling.
- 11.P & A Wall & Ceiling paint.
- 12.P & F Signage's.
- 13.P & F Low Height Storages.



Etc.

2.2.1.2. Modernization of 1st floor, AHU area 1st floor, west Block, NY.

A. Dismantling of Existing:

Part: A: Existing Vigilance Office

1. Partition, Brick walls, Aluminum sliding windows, Damaged RCC fins etc., Damaged Plaster, Floor Tiles, Doors & Shutters, AC Foundations, Structural Steel (AC Foundations) etc.

B. Providing & Fixing:

1. PMM on damaged RCC members.
2. P & F Brick works
3. P & A Internal Plaster.
4. P & F Vitrified Tiles.
5. P & F Wooden/Aluminum Partition with partition with Laminate Finish.
6. P & F False Ceiling-Arm Strong & Gypsum.
7. P & F Door Shutter with Door Closures with Vision Panels.
8. P & F Aluminum Two Track Sliding Windows with Granite Frame.
9. P & A Internal Paint.

2.2.1.3. Modernization of 1st floor Vigilance Dept. West Block, NY.

A. Dismantling of Existing:

Part: A: Existing Vigilance Office

1. Dismantling of Existing: Wooden partitions, Doors, windows, false ceiling, AC Ducting, vitrified floor tiles, shutters at above and below window storages, cub-boards, damaged RCC, Damaged internal plaster, etc.

B. Providing & Fixing:

1. Laying of 1.0 x1.0 M Vitrified tiles with Skirting.
2. Wooden flooring for CVO cabin.
3. Granite Framing for Balance Window.
4. Fixing of Aluminum Sliding window.
5. P & F Kitchen Counter.
6. P & A rust removal. Rust side and PMM on damaged RCC member.
7. P & A internal Plaster.
8. P & A Bond coat on existing wall surface.
9. P & A up to 10mm thk. POP on internal wall surface.
- 10.P & F Aluminum framing with Glass Wool for Partition.
- 11.P & F 12mm Plywood with Laminate both side of aluminum partition.
- 12.P & F Glass Partition as approved in Plan.
- 13.P & F Low Height Partition.
- 14.P & F Forested Film.
- 15.P & F 35mm thk. Laminated door shutter with vision panel
- 16.P & F Door closure.
- 17.P & F Gypsum false ceiling @ periphery around the full tiles of Armstrong Ceiling.
- 18.P & A Wall & Ceiling paint.
- 19.P & F Signage's.
- 20.P & F Low Height Storages.



C. Furniture Items:

1. Compactors-With file organizer, Chairs, Sofa set, Central Table, Side Table etc.
2. Executive Table along with side table & Back Unit-In veneer finish.
3. Anti-termite treatment.
4. P & F Mirror along with robe hook in each cabin

2.2.2. Detailed Scope of Work: Electrical Work

1. Carefully dismantling all electrical accessories after disconnection of mains power supply
2. Supply & Installation of underfloor raceways and junction boxes after completion of civil layout marking
3. Supply & Installation of Point wiring accessories
4. Supply of Installation of HMS PVC Conduits for wiring.
5. Supply & Laying of Main Supply Cables, Wires through conduit.
6. Supply & Laying of CAT-6 & Telephone Cables through Raceways.
7. Supply & Installation of LED Light Fixtures, Wall Fans, SFU, Power Distribution Boards.
8. Glanding & Termination of Mains Cable in SFU, Power Distribution Boards.
9. Supply & Installation of Modular Switch Sockets & Accessories and end connection of wires, data cables and telephone cable in Modular accessories.
10. Testing & Commissioning of PDB's, Switch Sockets, Light Fixtures, Network Switch, Telephone Junction Box, Data & Telephone Points.
11. Supply, Installation, testing & commissioning of ELV systems like Fire Detection system, CCTV system, Rodent Repellent System, Networking System, TV system, Telephone system etc.
12. Labeling PDB's, Modular Switch Boards, Data & Telephone Points etc. with Stickable Talley Plates.
13. Preparation of as Fitted Drawings (Four Copies) and submission of these sets after verification from Approving Authority.

2.2.3. Scope of Work: Mechanical (HVAC) Works

2.2.3.1. Works under this shall comprise of Supply, installation, testing and commissioning of following at 1st floor Vigilance dept West Block North Yard.

1. Inverter Cassette/Inverter Split Air conditioning with 5-star rating units consisting of indoor units, outdoor units, cordless remote controllers with batteries, remote control holder, adequate length of power supply cables along with connecting pin & accessories.
2. Make: Mitsubishi/Hitachi/ Daikin
3. **Note:** Preferred make for HVAC units should be selected as per sequence order only.
4. M.S stands, grill work, structural work as per site requirements for installation of A.C outdoor units.
5. Copper refrigerant piping with insulation/nitrile rubber sleeves including clamping/supporting arrangement including making precise holes in the walls with core cutting m/c, providing sleeves and proper finishing for connectivity from indoor to outdoor units.
6. Suitable L-shaped brackets duly painted with bush and fasteners for mounting outdoor units wherever necessary as directed by MDL engineer.
7. ISI mark UPVC plumbing grade condensate drain pipe & fittings with supports & clamps etc all complete for taking out condensate drain water from AC units up to the Ground Level.
8. 2.5 Sq mm 3 core/4 core Electrical cable for Inverter split AC (from indoor units to outdoor units) all complete.



9. Purging with suitable **eco-friendly** 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 unit's capacity etc all complete.
10. Scaffolding work required if any for the above work (**Under Contractor scope**)
11. The contractor shall arrange free of cost servicing to be carried out by Air Conditioner Manufacturers service engineer for the completed works including indoor unit, outdoor unit, copper tubing etc all complete at the interval of **every three months during Defect liability period.**

2.3. Bidder shall refer Technical Specifications & Preferred Make List. attached separately at **Enclosure-21A** and **Enclosure-21B**, respectively.

3. निविदाकर्ताओं के लिए निर्देश/ INSTRUCTIONS TO THE 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 working days prior to tender closing date) and not wait for last minute submission of their bids. MDL reserves the right for grant of extension or otherwise without assigning any reason. Bidder's failure to complete submission of their online bids in time on account of reasons such as SLOW SPEED OF SERVER, TECHNICAL PROBLEMS etc. shall not be entertained and EXTENSION OF SUBMISSION TIME shall 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 on submission of requisite supporting documents (scanned copy of application submitted to the service provider).
- 3.3. In case of any discrepancies'
 - 3.3.1. Between Hindi and English Versions of the Tender Clauses, English Version will prevail.
 - 3.3.2. In the drawings or between the drawings, technical specifications, and/ or schedule of items/quantities, the contractor shall seek clarification from MDL and shall carry out the work in accordance with the clarification furnished by MDL.
 - 3.3.3. MDL at its discretion, may follow the following order of preference- Description of Schedule of Bill of Quantities, Technical Specifications, Drawings, Special Conditions of Contract, General/Standard Conditions of Contract
- 3.4. The online bid can be submitted by the authorized representative of the bidder as detailed below,
 - 3.4.1. By the Proprietor, in case of a proprietary firm; or
 - 3.4.2. By a Partner, in case of a partnership firm and/or a limited liability partnership;
 - 3.4.3. By a duly authorized person holding the Power of Attorney, in case of a Limited or Private Limited Company or a corporation.
- 3.5. In case of any techno-commercial query prior to submission of bids, the bidder(s) are requested to contact the following from MDL. Letter(s)/emails shall be addressed to DGM (TS), MDL. Contact details are as under:



MDL	
Shri. Madhu Sah, DGM/HOD (TS-Comm) Email: msah@mazdock.com Tel No: +91 22 23764225 Mob No: 8879788201	Shri.Mahesh A Sawant, CM (TS-Comm) Mail: tscomm@mazdock.com Tel No: +91 22 23764249 Mob No: 9930028501

3.6. Before submission of the tender, the bidder shall visit the site, examine the General Conditions of Contract, the Specifications (including any drawings and other specifications referred to therein), the schedules and the Bill of Quantities. In case of any ambiguity or discrepancy between any of these documents or between figured and measured dimensions, the bidder should immediately refer the matter to MDL.

3.7. Mazagon Dock Shipbuilders Limited will not be responsible for any costs or expenses incurred by the Bidder in connection with the preparation and submission of his bid or for any other expenses incurred in connection with such bidding regardless of the conduct or outcome of the tendering process including cancellation of this tender process.

3.8. The bidder shall not take any benefit of grammatical or printing mistakes, which may have occurred.

3.9. DEVIATIONS:- Deviations, if any, from Terms, Conditions & Technical requirements specified in the Tender Enquiry, GT&C and STACS should be clarified from MDL well before the closing date of the tender. Deviations put up along with the tender is generally discouraged and not accepted.

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

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

4.2. Bidders can participate in online bidding

4.2.1. By registering with above referred portal for User ID and password.

4.2.2.

4.2.3. By obtaining class III B DSC (Digital Signature Certificate) for secured bidding.

4.3. 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.

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

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

4.6. 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>.

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

5.1. 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>



- 5.1.1. **Techno-Commercial (Part-I) Bid:** Bidders shall submit/upload scanned copy of the following duly filled in, signed & stamped with company seal in online Part (I) bid:-
- Bidder's Undertaking at **Enclosure-1**.
 - 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 in the format attached at **Enclosure-2**.
 - 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 in the format attached at **Enclosure-3**.
 - 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 in the format **Enclosure-4**.
 - 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 format attached at **Enclosure-5**.
 - CA certified Average Audited Annual financial turnover during the last 3 years ending **31st March, 2023** for at least **₹ 132 Lakhs**, duly self-attested and stamped with their company seal. If any cash transaction is included in the turnover (statement of Profit & Loss), the same will not be considered for turnover value.
 - Bidders shall upload 1 scanned copies of Audit certified Balance Sheets & Profit/Loss Accounts for the last 3 years. Draft Audited Reports are not acceptable.
 - Bidders shall furnish Working bid Capacity as required in **TEF Clause No. 7.2.1** and **Enclosure-6 & 7** duly certified by Chartered Accountant and scanned copy of the same shall be uploaded in online Part-I bid
 - Documentary evidence in support of Past experience and Performance on Similar work(s) during the last 7 years, stipulated under **TEF Clause No.7**, as applicable in the format attached at **Enclosure-8**.
 - List of Key Personnel available for this Project, in the format attached at **Enclosure-9**
 - Bidder shall submit Declaration certificate for Local Content as per **TEF Clause No. 40** and in the format attached at **Enclosure-10 (A)**. **A Sample filled up Form is appended for reference.**
 - Bidder shall submit Declaration in respect of restriction under Rule 144 (xi) of the General Financial Rules (GFRs), 2017 in the format attached at **Enclosure-10 (E)**.
 - Bidder shall submit Declaration in respect debarred under Public Procurement Policy (PPP) Make In India (MII) order, in the format attached at **Enclosure-10 (F)**.
 - Bidder shall submit Declaration for Banned or delisted Tenderer/firms/Vendors as per **TEF Clause No. 38** and in the format attached at **Enclosure-11**.
 - The scanned image of BG towards Earnest Money Deposit (EMD) / BID BOND as stipulated in **TEF Clause 9** shall be uploaded. The original of the above BG towards Earnest Money Deposit (EMD) / BID BOND shall be sent by Registered Post/Speed Post/Courier 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,**

बिभाग प्रमुख(तकनीकी सेवाएँ),
तकनीकी सेवाएँ विभाग,
पहला मंज़िल, प्रशासनिक बिल्डिंग,
अल्कोक यार्ड, माझगांव डॉकशिपबिल्डर्स लिमिटेड,
डॉकयार्ड रोड, मुंबई - ४०००१० (भारत)
Head of the Department (Technical Services),
Technical Services Department,
1stFloor, Admin Building,
Alcock Yard,



**Mazagon Dock Shipbuilders Limited,
Dock Yard Road,
Mumbai – 400010 (INDIA)**

The address label of the addressee is at Enclosure 27 on the envelope

- p. In case Bidder is registered with **NSIC** in the relevant category as defined in the similar work, bidder **may upload scanned copy(s)** of Valid Registration Certificate along with the list of items / services for which they are registered with NSIC.
- q. The scanned image of the Integrity Pact (IP) duly signed and stamped on all pages as stipulated in **TEF clause no. 10 and Enclosure-13** shall be uploaded. The original of the Integrity Pact shall be sent by Registered Post/Speed Post/Courier 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, **to the above address.**
- r. Scanned copy of Bank details for payment by NEFT/RTGS/ECSwithauthenticated by the Banker in the format attached at **Enclosure-14.**
- s. Bidders shall upload scanned copy of Solvency certificate for at least **Rs. 166 Lakhs**, issued by Nationalized / Reputed International / Scheduled bank **except Co-Operative Banks, addressed to MDL.** The Solvency Certificate should not be older than Six months as on the Tender date.It should be drawn from any of the banks in the list of approved Banks by SBI/Canara Bank published on MDL website**www.mazagondock.in**→Vendors→Bills/EMD Status →List of First Class Bank approved by SBI
- t. Scanned copy of **GST Registration Certificate & Permanent Account Number (PAN).**
- u. Scanned copy of Valid Bidder's Shop & Establishment Registration Certificate or Certification of Incorporation.
- v. In case of Bidder registered with Mazagon Dock Shipbuilders Limited **may upload scanned copy** of Valid Registration Certificate issued by MDL, for the items/services for which the offer is being submitted.
- w. Scanned copy of Bidder's company profile.
- x. List of Equipment with its Model / Year / working status along with details of manufacturing facilities.
- y. Power of Attorney, in case of a Limited or Private Limited Company or a corporation.
- z. Construction Programme / Construction Method Statement to be submitted if/when asked by MDL.
- aa. CHECKLIST OF SUBMITTALS attached along with online Technical Bid as per format at **Enclosure-26.**
- bb. Declaration in respect of Conflict of Interest among Bidders/Agents- **Enclosure-29** to be filled and submitted duly signed and stamped.
- cc. Corrigendum if any

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 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 Deviation form at



Enclosure-5. Any deviation(s) mentioned elsewhere in the Offer/Bid, other than in the said forms, will not be considered.

5.1.2. **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 estimated rates for various items in the Bill of Quantities (BOQ) are as appearing online in the Price Bid (Part-II).
- c. The quantities of individual items in the BOQ are approximate and may vary.
- d. Bidders after considering the estimated rates of individual items in the BOQ and the total estimated value shall quote their overall percentage at par, below or above the estimated rates.
- e. The percentage quoted/agreed by the Bidder shall be applied to the estimated rates of individual items in the BOQ, truncating off to two decimal places, to arrive at the order value.
- f. The Lowest Bidder (L1) shall be evaluated based on the overall cost quoted by the bidder including applicable Goods & Service Tax and loading criteria if any.
- g. If a firm quotes NIL charges/consideration, the bid shall be treated as unresponsive and will not be considered.

6. **बोलियाँ में संशोधन /MODIFICATION TO THE BIDS:**

6.1. **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.

7. **पूर्व योग्यता मापदंड/ PRE-QUALIFICATION CRITERIA:**

7.1. **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 31 January 2024 should be either of the following:

7.1.1. **तीन समरूप संपन्न कार्य जिसकी प्रत्येक की लागत ₹ 133 लाख से कम न हो।**

Three similar* completed works each costing not less than **₹ 133 Lakhs.**

OR

7.1.2. **दो समरूप संपन्न कार्य जिसकी प्रत्येक कीलागत ₹ 166 लाख से कम न हो।**

Two similar* completed works each costing not less than **₹ 166 Lakhs.**

OR

7.1.3. **एक समरूप संपन्न कार्य जिसकी प्रत्येक कीलागत ₹ 265 लाख से कम न हो।**

One similar* completed work costing not less than **₹ 265 Lakhs.**

***Similar Work: “Interior works of Guest House/ Recreational Clubs/ Commercial Complex/ Shopping Complex/ Offices/Hospitals etc. including Civil/Interior, Furniture, Air Conditioning/ HVAC and Electrical Works”**

Note: If the Bidder is not having Air Conditioning/HVAC work experience in the above submitted work but otherwise meets the similar works criteria then, the bidder has to demonstrate having experience of Air Condition/HVAC Work of value not less than Rs.38 Lakhs in any other work or works put together (maximum 3 Works)



AND

7.2. Working Bid Capacity:

7.2.1. The Working Bid Capacity of the Bidder should be equal to or more than ₹ 331 Lakhs
The Working Bid Capacity shall be calculated as under:

Working Bid Capacity = $[2xAxN]-B$, where

- i. A = Average Annual Turnover of the bidder for the last Three Years (ending **31st March, 2023**) from Construction activities.
- ii. N = Number of years prescribed for completion of work for which bids have been invited = **0.75 (09 Months)**.
- iii. B = Value of existing commitments and on-going works to be completed (for all the Clients of the Bidder) during the period of Completion of Work for which bids have been invited, duly certified by chartered Accountant.

7.2.2. The details submitted by the bidders will be evaluated also considering the Working Bid Capacity of the Bidder apart from other requirements stated in the tender documents to determine bidder's eligibility for the work. In case, the Working Bid Capacity of the Bidder is less than of **₹ 331 Lakhs**, the bid shall not be considered for opening of Price Bid (Part-II), **even if the bidder meets the other pre-qualification criteria.**

7.2.3 The Bidder shall submit the details as required in **TEF Clause No. 7.2.1** above in proforma at **Enclosure- 6 & 7**.

7.3. Similar completed works referred 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. The work executed under labour rate where input materials which are supplied by client shall not be considered as experience in similar completed works

7.4. Documentary evidence in support of similar 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.

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.

7.5. **Bids from Joint Venture / Consortium are not acceptable.**

7.6. Start-ups are exempted from submission of prior turnover details and prior experience/PO copies. **This exemption will be granted only for the services identified and displayed on MDL website under Start-up icon** which can be rendered / outsourced from Startups without compromising on quality and technical specifications.

8. स्थल मुआयना /SITE VISIT:

8.1 The site for the work is located at West block in North yard and Angre House in residential area, MDL, Mumbai.



8.2 It is considered necessary that the Bidder(s) shall 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.

8.3 Bidder(s), if required, may contact on telephone no. 022 2376 4224/ 4225 or email: tscomm@mazdock.com for any doubts /clarifications / site visits.

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

9.1. Bidders shall furnish EMD of ₹ 6.61 Lakhs (Rupees Six Lakh Sixty One Thousand Only), against this tender.

9.2. EMD can be paid online through the link mazagondock.in/onlinepayment.aspx Or following the steps listed below:

- Go to www.mazgondock.in
- Click on Online Payment Tab available on the home page
- Click on the Tender Tab.
- Make the payment online using Debit Cards, Credit cards, Net Banking, BHIM/UPI etc. after filling the required details.

9.3. The EMD can also 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, Mazagaon, Mumbai - 400 010
Telephone No. of Bank	23752802
Account No	10005255246
Account Type	Current Account
IFSC Code	SBIN0009054
MICR / NECS Code	400002120
Income Tax PAN No.	AAACM8029J
Income Tax TAN No.	MUMM02076E

9.4. In case bidders pay EMD online or remit the same 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-12** 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).

9.5. EMD can also be submitted in the form of Bank Guarantee in the prescribed format at **Enclosure-15**. 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.mazagondock.in → 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.



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

9.7. Bidder shall send the original of the Bank Guarantee towards Earnest Money Deposit (EMD) by Registered Post/Speed Post/Courier/In Person so as to reach the designated addressee within **07 Working 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. The Address Label of the Designated Addressee is at **Enclosure-27**

9.8. **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 be liable for rejection.**

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

9.10. EMD of successful bidder will be returned after submission of Security Deposit and shall be interest free.

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

- 9.11.1. If the bidder withdraws, amends, impairs or derogates from the tender, agreed conditions of Technical Negotiation Committee/Commercial Negotiation Committee /Price Negotiation Committee in any respect within the period of validity of his offer.
- 9.11.2. If the successful bidder declines acceptance of order.

9.12. **बयाना राशि जमा करने से छूट/बोली प्रतिज्ञापत्र / EXEMPTION FROM SUBMISSION OF EMD/BID BOND:**

9.12.1. State & Central Government of India Departments & Public Sector Undertakings.

9.12.2. 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.

9.12.3. 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.

9.12.4. Common/Deemed DPSU registered vendors qualify for EMD exemption. Such firms shall submit valid copy of the registration certificate issued by DPSUs (other than MDL) for the items/services for which the offer is being submitted in Part-I offer/bid. Firms in process of obtaining registration in other DPSUs will not be considered for EMD exemption.

9.12.5. Green Channel Status vendors qualify for EMD exemption. Such firms shall submit valid copy of the Green channel certificate issued by MoD for the items for which the offer is being submitted in Part-I offer/bid. Firms in process of obtaining this certificate will not be considered for EMD exemption.



Note: All the bidders including MSE's shall furnish EMD of 6,61,000/- (Rupees Six Lakh Sixty-One Thousand Only), against this tender. The procurement being of works, EMD exemption is not applicable for MSE bidder

10. अखंडता समझौता /INTEGRITY PACT:

- 10.1. The Pact essentially envisages an agreement between the prospective vendors / bidders and MDL committing the persons / officials of both the parties, not to exercise any corrupt influence on any aspect of the contract.
- 10.2. **Only those vendors / bidders who enter into such an Integrity Pact with MDL would be competent to participate in the bidding.**
- 10.3. The Integrity Pact would be effective from the stage of invitation of bids till the complete execution of the contract. This pact begins when both parties have signed it. It expires for the Contractor **12 months** after the last payment under the contract and for all other bidders, **06 months** after the contract has been awarded.
- 10.4. Bidders shall upload the signed Integrity Pact duly signed and stamped on all pages, as per format enclosed at **Enclosure-13** in the online Techno-Commercial Bid (Part-I). The hard copy of the '**INTEGRITY PACT**' **shall be submitted in the office of Technical Services Department, Mazagon Dock Shipbuilders Limited within 07 Days after closing of the tender.**
- 10.5. The Integrity Pact would be signed by the Competent Authority in MDL & a copy returned to the bidder.
- 10.6. MDL has appointed **Independent External Monitors (IEMs)**, who will monitor the tender process and the execution of the contract, for compliance with all relevant laws, rules, regulations, economic use of resources and for fairness / transparency in its relations with its Bidder(s) and /or Contractor(s). The names and complete address with contact details of the IEMs are displayed on MDL's website **www.mazagondock.in**

11. वैधता अवधि /VALIDITY PERIOD:

- 11.1 Bids / Offers shall remain valid for a period of not less than **120 Days** after the deadline date of submission.
- 11.2 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.

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 1030 hrs onwards in Technical Services Department. 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). The 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. बोलियों का मुल्याकन/EVALUATION OF BIDS:**

13.1. The bids shall be evaluated on “all inclusive basis” considering the rates quoted by the bidders in the Price Bid (Part-II) & quoted applicable GST, and loading parameters, as applicable. In this context please refer **TEF Clause No. 14 & 18** of Tender Enquiry Form (TEF) for detailed information.

14. बोली अस्वीकृति करनेकी मापदंड /BID REJECTION CRITERIA:

14.1. The Following conditions/ deviations are non- negotiable and therefore any bid falling under these conditions/ deviations shall be **summarily rejected**. Bidders to note that they shall not be provided any opportunity to rectify these conditions/ deviations post bid opening:

14.1.1 Bids received after tender closing date and time.

14.1.2. Bids received without EMD (Other than those who are exempted from payment of EMD), as specified in the tender.

14.1.3. Bidders who are debarred under Public Procurement Policy (PPP) Make In India (MII) order 2017, GeM, CPPP including Tender holiday issued by MDL.

14.1.4. Bid not accompanied by Integrity Pact duly signed by the bidder on each page.

14.2. For the following conditions (other than non-negotiable conditions indicated at **14.1**) equal time & opportunity for submission of deficient techno-commercial documents and clarification shall be given to the bidders. Bidders are required to submit such documents/ clarifications within the duration / date stipulated by MDL, failing which their bids **shall be rejected in following cases:**

14.2.1. Bidders submitting Integrity Pact with deviation in MDL format, subject to approval of deviation by MDL.

14.2.2. The original of the uploaded copy of Integrity Pact if not received within specified period by MDL in the tender.

14.2.3. Bidder's failure to submit sufficient or complete details, in case of deficiencies noticed for evaluation of the bids.

14.2.4. Incomplete / misleading / ambiguous bids in the considered opinion of TNC/CNC.

14.2.5. Bids with technical requirements and or terms not acceptable to MDL / Customers / External agency nominated as applicable.

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

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

14.2.8. Unreasonably longer delivery period quoted by the firm

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

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

14.2.11. 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 & warranty obligations.

14.2.12. The original of the uploaded copy of EMD (DD/BG) not received by MDL

14.2.13. Bidders not agreeing to provide assistance wherever required for installation, STW, HATs, SATs and Training of equipment supplied by them.

14.2.14. In case of blacklisted or banned or de-listed by any Government or quasi Government agencies or PSUs as mentioned in **TEF Clause no: 38**, MDL reserves the right to accept or reject the bid based on the ground/reasons of blacklisted or banned or de-listed.



- 14.2.15. Bidders not meeting the eligibility criteria given in tender regarding the Class of Supplier as per PPP MII Order 2017.
- 14.2.16. Bidders not submitting the declaration certificate for Local Content and location of value addition.
- 14.2.17. Bidders not indicating /not declaring / not specifying the local content percentage or/and location of local value addition in the declaration certificate. **(Refer attached Sample Filled up Form for Filling Enclosure-10(A))**
- 14.2.18. Bidder submitting incomplete declaration certificate for Local Content or declaration certificate not certified by appropriate authority as per tender. **(Refer attached Sample Form for Filling Enclosure-10(A))**
- 14.2.19. Bidders not submitting EMD in the prescribed format.
- 14.2.20. Non submission of Compliance Certificate w.r.t Land Border Clause as per enclosed format. (Restriction under Rule 144 (xi) of the General Financial Rules (GFRs), 2017)
- 14.2.21. Bidders submitting incomplete declaration certificate for Local Content as per format stipulated in the tender.

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

- 15.1. 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:
 - 15.1.1. 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.
 - 15.1.2. 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.
 - 15.1.3. 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.
 - 15.1.4. 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.

16. समापन अवधि /DELIVERY PERIOD/COMPLETION SCHEDULE:

- 16.1. The Completion period for **Modernization of Vigilance Department, 1st Floor, West block & Mezzanine floor, West block, NY, MDL** shall be **09 (NINE) MONTHS**, (Excluding Mobilization period of 21 days from the date of placement of Purchase Order)



16.2. The Completion period for **Modernization of Guest House/Flat No. 304, Angre House in MDL Residential Area** shall be **05 (FIVE) MONTHS**, (Excluding Mobilization period of 21 days from the date of placement of Purchase Order)

16.3. The successful bidder shall submit detailed bar chart/work schedule including activity, milestones, deployment of serorses/manpower for execution of the work within 21 days after placement of the Purchase Order.

17. लामबंधी /MOBILIZATION:

17.1. The Contractor shall deploy his manpower within 21 (Twenty One) days from Placement of P. O.

18. मूल्य निर्धारण /PRICING:

18.1. 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, transportation, storage, royalties, handling, etc. The contractor should produce challans / Invoices of the materials and its quantity brought to the site as and when required by the Client.

19. कर और शुल्क /TAXES AND DUTIES:

19.1. GST as per GST Laws shall be payable extra as quoted and agreed.

19.2. In case of purchases of goods/services from unregistered dealers under GST Laws, GST will be paid by MDL under reverse charge mechanism.

19.3. Benefits from reduction in rate of tax/ITC are required to be passed on to consumer. Where “applicable GST” has been quoted as extra, Goods and service providers (except unregistered dealers under GST Law) have to submit declaration that they have complied with ‘Anti-profiteering clause’ under GST Law. Such declaration be given in technical bid.

19.4. If the vendor is registered under GST, vendor shall mention the HSN code for goods &/or SAC for services in their tax invoice, etc. These codes must be in accordance with GST Laws and responsibility of specifying correct HSN codes for goods &/or SAC for services is that of the vendor. MDL shall not be responsible for any error in HSN code for goods &/or SAC for services specified by supplier / contractor. Supplier /Contractor shall pay penalty and/ or interest imposed on MDL or any loss due to delay in availing ITC by MDL or any loss of ITC to MDL due to errors by vendors at any stage. MDL reserves right to recover any such interest, penalty or loss from any amount due to Supplier /Contractor or otherwise.

19.5. In case, MDL is unable to avail ITC, supplier/contractor at their own cost shall rectify the shortcoming in the returns to be filed immediately thereafter. Further, if the ITC is delayed / denied to MDL / reversed subsequently as per GST Laws due to non / delayed receipt of goods and / or services and / or tax invoice or expiry of timelines prescribed in GST Laws for availing ITC, non-payment of taxes or non-filing of returns or any other reason not attributable to MDL, Supplier /Contractor shall pay any loss of amount along with interest and penalty on MDL under GST Laws for the number of days the ITC was delayed. If the short coming is not rectified by supplier/contractor and MDL ends up in reversal of credits and / or payments, supplier /contractor is fully liable for making good all the loss incurred by MDL. MDL reserves right to recover any interest, penalty or loss from any amount due to Supplier /Contractor or otherwise.

19.6. If the vendor is registered under GST, the GST registration number (15 digit GSTIN) issued by GOI shall be mandatorily provided by the vendor. Vendor having multiple business



verticals within state / at multiple states with separate GST registration numbers shall forward GSTIN of only that vertical which is involved in supply of goods and/or services. MDL GSTIN is **27AAACM8029J1ZA** and vendor shall mention the same while invoicing and avoid any data entry error on GST portal.

19.7. If the vendor is registered under GST, Vendor shall ensure timely submission of invoice as per the provisions / requirement / timeline promulgated by GOI in relation to GST Law with all required supporting documents to enable MDL to avail input tax credit promptly. The vendors invoice inter alia should contain GSTIN of vendor, GSTIN of MDL (i.e. **27AAACM8029J1ZA**), GST tax rate separately, HSN code wise goods or services, place of supply, signature of vendor, etc. Original invoice needs to be submitted to Bill Receipt Centre at MDL gate, and a copy of the invoice should be given to the goods receiving section (GRS).

19.8. If the vendor is registered under GST, vendor shall file all applicable returns under GST Laws in the stipulated time & any losses of tax credit to MDL arising due to delay in filing will be recovered from their invoice wherever MDL is eligible to avail tax credit. Any default towards payment of tax and / or uploading of monthly returns by supplier/contractor, MDL retains right to withhold payments towards tax portion until the same is corrected & complied by the supplier/contractor with the requirement of GST along with satisfactory evidence.

19.9. The rate sheet enclosed with the tender will indicate the rates to be entered under each head wherever applicable. Bidders must clearly mention the applicable Taxes & Duties unless otherwise stated in tender. The item-wise rates (i.e. Basic+P&F+F&I) quoted in the Rate Sheet should exclude Taxes & Duties. Bidder should indicate GST rates as applicable separately under each of the head in the same Rate sheet, which will be paid extra based on tax invoice to the extent applicable. The GST will be applicable on total basic rate of each item (i.e. Basic + P&F + F&I).

19.10. **Stamp Duty:** It shall be incumbent on the Contractor 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 Contractor 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 +0.1% of the amount above ten lakhs subject to maximum of ` 25 lakhs.

19.11. 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.

19.12. 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.



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

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

19.15. If, in the price structure quoted for the required goods, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly.

19.16. If, there is an error in a total corresponding to the addition of subtraction of sub-totals, the sub-totals shall prevail and the total shall be corrected

19.17. If there is a discrepancy between words and figures, the amount in words shall prevail.

19.18. **LABOUR CESS:** Deduction towards Labour Cess shall be made from invoices of contractor in line with 'Building & Other Construction Workers (BOCW) Act, 1996.

The Contractors who are having 20 or more workers have to be registered under BOCW (RE& CS) Act, 1996. The Contractor shall ensure compliance of the same, if applicable to them.

20. भुगतान की शर्तें /TERMS OF PAYMENT:

20.1. MDL payment terms shall be as under:

20.1.1. 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 invoices per item basis (R. A.) on stage wise payment basis as below:

20.1.2. The invoices must be submitted in four copies (**1-Original + 3 copies**) along with the joint measurements taken at site duly approved by the designated representatives of the Technical Services department.

20.1.3. The payment against invoices will be made between 15 to 20 days of its receipt in MDL along with all the necessary documents as under:

- a. Invoice Certification as per **Enclosure-24**,
- b. Joint Measurement sheets duly signed & stamped by MDL,
- c. SAP generated work completion certificate indicating deduction if any duly signed & stamped by MDL
- d. Copy(s) of invoices of materials,
- e. Vendor's self Declaration (Refer Clause 20.1.6) wherever applicable,
- f. Reconciliation Statement for Steel, Cement & concrete wherever applicable etc. required for processing the invoices.
- g. Certification of Disposal of Scrap/ Debris as per **Enclosure-28**

20.1.4. Before submission of the final bill, the Contractor should sign and submit the following:

- a. Actual Local Content Certificate as per Enclosure-10 (C)
- b. A "No Claim Certificate" indicating that he has no claim against the company under the contract except as included in the final bill.

20.1.5. **Electronic Invoicing System (EIS):** Contractor whose turnover is more than **₹ 5 Crores** on award of Purchase order, need to issue E invoice to MDL, which has an Invoice Registration Number (IRN) and a Quick Response (QR) code. An invoice without an IRN and QR code will be treated as an invalid invoice and MDL will not be



entitled for Input Tax Credit (ITC)/ GST on a vendor Invoice which is not compliant with the above invoice notification.

20.1.6. **Vendor's self-declaration:** Wherever GST is applicable, payment will be released against **e-Invoice** (refer **TEF Clause No. 20.1.5**) or Invoice accompanied with **Vendor's self-declaration** stating that " **we do not fall under the category of registered persons notified under Rule 48(4) of the Central GST Rules, 2017 and we are not required to comply with the e-Invoicing provisions under GST Act, as our aggregate turnover in any preceding financial year from 2017-18 onwards has not exceeded ₹ 5 Crore as per GST Act**"

20.1.7. In case of materials where 'Basic Price' has been indicated in the Bill of Quantities (BOQ), the Contractor must necessarily submit copy(s) of challan and invoice of all such materials used in the works immediately on receipt of the materials in MDL. In case, the basic rate of the material procured is less than that indicated against the respective item by more than 10%, the difference in the amount of basic rate of the material procured and the Basic Price indicated in the respective item in the Contract shall be deducted from the invoices.

20.1.8. For Items in BOQ where Basic Price is indicated:- In case, MDL specifically desires to adopt certain material in lieu of the material mentioned in the item in Bill of Quantities wherein the basic rate is indicated, the difference in the amount of basic rate of the material to be procured and the Basic Price indicated in the respective item in the Contract shall be paid extra over and above the quoted/ negotiated price of the item. In such cases, the Contractor must necessarily submit copy(s) of challan and invoice of all such materials used in the works immediately on receipt of the materials in MDL.

20.1.9. Please note that No Extra payment shall be made on account of difference in basic price, in case the basic price of the procured material is more than that indicated in the respective items in the contract unless stated by MDL in writing as mentioned at **para 20.1.8** above

20.1.10. **Alternate MSME vendor payment through TReDS:**

In order to address the financial needs of MSME firms, GoI has introduced a platform for facilitating the financing of trade receivables of MSMEs from buyers, through multiple financiers which is termed as Trade Receivables Discounting System (TReDS). At TReDS, auctioning of invoices at competitive & transparent environment is done by financiers based on Buyer's credit profile.

MDL is registered on the "Invoicemart" TReDS platform and M1xchange of M/s MyndSolutionsPvt Ltd.

MSME bidders desirous to receive payments through TReDS platform may avail the facility if they are already registered on

1. "Invoicemart" TReDS platform or by registering on it.
Contact details at "Invoicemart" TReDS platform are as below:
022 6235 7373 and a new mail id service@invoicemart.com.

2. "M1xchange" TReDS platform or by registering on it.
Contact details at "M1xchange" TReDS platform are as below:
+91 9920455374 Ms. Ashwathi Jayandran
email id ashwathi.jayandran@m1xchange.com



+91 8839915724 Ms. Prinyaka Shah Email id prinyaka.shah@m1xchange.com

21. वृद्धि/ESCALATION:

Escalation for Part I - Modernization of Guest House/Flat No. 304, Angre House in MDL Residential Area: The rates are firm and fixed. **No escalation shall be payable for this part of work.**

Escalation for Part II - Modernization of Vigilance Department, 1st Floor, West block & Mezzanine floor, West block, NY, MDL is as under:

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

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

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

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

$$\text{i) } V_m = W \times 0.70 \times (M_i - M_{i0})/M_{i0}$$

Where

V_m : Variation in material cost i.e. increase or decrease in the amount in rupees to be paid or recovered.

W : Cost of work done worked out as per para **21.1.2** above.

M_i & M_{i0} : All India Wholesale Price Index for **All Commodities**, for the period under reckoning as published by the Economic Advisor to Government of India, Ministry of Industry and Commerce, for the period under consideration and that valid at the time of receipt of tender, respectively.

$$\text{ii) } V_l = W \times 0.25 \times (L_i - L_{i0})/L_{i0}$$

Where



V_1 : Variation in labour cost i.e. increase or decrease in the amount in rupees to be paid or recovered.
 W : Cost of work done worked out as per para **21.1.2** above.
 L_i & : **Consumer Price Index** for Industrial Labour (All India)
 L_{io} : declared by Labour Bureau, Govt. of India) as applicable for the period under consideration and that valid at the time of receipt of tenders, respectively.

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

Where

V_f : Variation in cost of fuel, oil and lubricants, increase or decrease in the amount in rupees to be paid or recovered.
 W : Cost of work done worked out as per para **21.1.2** above.
 F_i & : Average index number of whole sale price for **group (fuel, power, light and lubricants)** - as published by the Economic Adviser to Govt. of India, Ministry of Industry & Commerce for the period under reckoning and that valid at the time of receipt of tenders, respectively.
 F_{io}

21.1.4. The following principles shall be followed while working out the indices mentioned in sub para **21.1.3** above.

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

21.1.5. In the event the price of materials and/or wages of labour required for execution of the work decrease/s, there shall be downward adjustment of the cost of work so that such price of materials and/or wages of labour shall be deductible from the cost of work under this contract and in this regard the formula herein before stated under this para **21.1.3** shall mutatis mutandis apply.

22. परिनिर्धारित हर्जाना / LIQUIDATED DAMAGES:

22.1. 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.

22.2. 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.

23. दोष दायित्व अवधि/DEFECT LIABILITY PERIOD (DLP):

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

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

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

24. अनुबंध निष्पादन गारंटी /CONTRACT PERFORMANCE GUARANTEE

24.1. Within 21 days after placement of order, the Contractor shall submit “PERFORMANCE BANK GUARANTEE” as per MDL format at **Enclosure-16** for 10% of contract value excluding, taxes, duties, freight & services component etc. valid till 30 days beyond the stipulated Defect Liability Period of One years from actual completion of entire work.

24.2. Increase in the Contract Value during execution of work:-

24.2.1. In case of Contract value increases more than 10% during execution of the work, within 21 days after issue of Amendment of Purchase order, the contractor shall submit the additional “PERFORMANCE BANK GUARANTEE” of 10% of additional contract value excluding taxes, duties, freight & services component etc. valid till 30 days beyond the stipulated Defect Liability Period of One year from actual completion of entire work.

24.2.2. In case of Contract value increases upto 10% during execution of work, an equivalent amount of 10% of the additional contract value excluding taxes, duties, freight & services component etc shall be retained from the Running Account bills/ Final bills which will be refunded without interest, to the Contractor on completion of 30 days beyond stipulated Defect Liability Period of One year from actual completion of entire work. However this retained amount can be released to the contractor without interest, on submission of Additional Performance Bank Guarantee of requisite amount valid till 30 days beyond the stipulated Defect Liability Period of One year from actual completion of entire work.

24.3. 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.

24.4. In case of non-submission of PBG within 21 days of Placement of Purchase Order, there is likelihood of cancellation of the order.

24.5. 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.

24.6. The Performance Bank Guarantee will be returned only after expiry of the 30 Days beyond the stipulated Defect Liability Period of One years from actual completion of entire work, provided there are no pending defects for rectification, already notified to the contractor. However, in cases where rectification of defects notified are not likely to be completed by the Contractor before expiry of the DLP, the Contractor will have to extend the Performance Bank Guarantee suitably or as requested by MDL.



24.7. In case of non-submission of PBG within 21 days of Placement of Purchase Order, MDL reserves right to retain the equivalent amount of PBG from 1st RA bill upto the period till completion of contractual & Guarantee / Warranty obligations.

25. जलरोधी गारंटी / WATERPROOFING GUARANTEE

25.1. The Contractor(s) shall submit Waterproofing Bank Guarantee, as per MDL format at **Enclosure-17**, for the value 10% of the total amount of waterproofing works, valid for a period of 5 years from the satisfactory completion of waterproofing work.

25.2. Alternatively, in case, the amount of Waterproofing Bank Guarantee is less than Rs 10,000/-, a retention towards Water proofing Bank Guarantee shall be made from the invoices of the Contractor which shall be released after expiry of the period of 5 years from successful completion of the waterproofing works provided there is no defect observed during the said period required to be rectified by the Contractor.

25.3. 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

26. जल रिसाव के खिलाफ बैंक गारंटी/ BANK GUARANTEE AGAINST WATER LEAKAGE- NOT APPLICABLE FOR THIS WORK

27. बीमा / INSURANCE:

27.1. The Contractor has to keep MDL indemnified against any claims by purchasing **CONTRACTOR'S ALL RISK** insurance policy for the value of the Contract excluding total value from any Insurance Company of repute.

27.2. The policy shall be obtained in the **joint names of MDL and the Contractor**, 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. Contractor shall submit the policy within 21 days from the date of placement of order or before commencement of work whichever is earlier. The Original CAR Policy shall be deposited with Engineer in Charge and copy to be submitted to HOD (TS-Comm) and shall be extended well in time as required.

27.3. In case Contract value increases more than 10% from Original Contract value during execution of the work, the contractor shall submit the additional "**CONTRACTOR'S ALL RISK** insurance of additional contract value.

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

27.5. In case Contractor fails to submit valid CAR policy of full value of contract, their workmen shall not be allowed to enter inside MDL premises/ working areas and Engineer-In-Charge may issue prior Notice for Stoppage of work.

28. ठेकेदार का दायित्व / CONTRACTOR'S OBLIGATION:

28.1. 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.mazagondock.in → Tenders → Technical Services.



- 28.2. In respect of Minimum Wages Act, Clause No. 507(iv) of STACS shall be as under:
- 28.2.1. The Contractor shall pay to his employees not less than the minimum wages and allowances applicable to the Engineering Industry as notified from time to time **by the Central Government or the State Government whichever is higher** under Minimum Wages Act.
 - 28.2.2. The Contractor shall be responsible for timely payment of wages of all his employees engaged in the Purchaser's Yard, not less than the prescribed minimum wages in each case and without any deductins of any kind, except as specified by Government or permissible under the Payment of Wages Act.
 - 28.2.3. The Contractor must settle all the pending dues of the employees i.e. arrears of wages, proportionate leave wages, proportionate bonus payment, etc.
 - 28.2.4. Before winding up the site, the Bidder / Contractor shall pay all terminal dues to his employees such as Notice pay, Gratuity, Retrenchmentcompensation, etc.
- 28.3. **Breach of Obligation with respect to Bid submitted:** In case of breach of any obligation mentioned under, the bidder shall be disqualified / debarred from the bidding process for a period of one year from the date of notification:
- 28.3.1. Bidder has withdrawn / modifeied / amended /impaired / derogated from the tender during the period of bid validity
 - 28.3.2. Bidder fails or refuses to execute the contract upon notification of acceptance of bid by the Purchaser during the period of bid validity.

29. नियम और शर्तों की स्वीकृति/ACCEPTANCE OF TERMS AND CONDITION:

29.1. 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.

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

30.1. All works shall be carried out and measured as per specifications and standard Engineering practice and mode of measurements, conforming to the relevant IS code. The Contactor shall ensure that skilled workmen in their respective trades are employed. He shall also employ qualified Engineer(s) / Supervisor(s) experienced in similar type of work, as required, for execution of work efficiently.

30.2. 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.

30.3. The work is to be carried out in the area where MDL's normal activities are in progress. The Contractor has to plan his work in such a way as not to disturb the normal activities of MDL. The contractor shall not be paid for any compensation for idle period if generated due to any reason whatsoever. Reasonable extension in time, however, may be considered on application in writing along with supporting Documents.

30.4. 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.

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

30.6. The Contractor shall submit supporting documents such as Invoice of Materials, 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.

30.7. Contractor shall submit Reconciliation Statement for Steel, Cement, Concrete and other materials along with invoice for checking/ verification by MDL Executives before certification and processing of invoice.

30.8. 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.

30.9. 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.

30.10. The contractor shall give seven days notice for MDL to arrange representatives for inspection at their works. Testing of samples shall be made in the presence of MDL representatives. Materials shall be delivered to MDL site only after clearance from MDL along with test certificates. 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.

30.11. 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.

30.12. 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.

30.13. Availability of Construction material

During the tenure of the Contract due to the various reasons, there may be scarcity of availability of construction material in Mumbai region & this type of crises may be for short term or long term. In such circumstances, Contractor shall arrange to procure the Material available from other state/region of India with no additional cost to MDL. The cost of the same is deemed to be included in Bidder's quote.

30.14. For Works involving Concreting:-

- (a) Where ever cube test is required as per IS Code – satisfactory test result of 07 days cube test is must for accepting the work for certification / payment.
- (b) In case of non-receipt of 28 days Cube Test Reports, 10% of the amount pertaining to concreting items to be kept on hold till its submission.

31. प्रगति रिपोर्ट /PROGRESS REPORT:

31.1. The Contractor shall record; submit to the Engineer daily, progress report for the preceding day showing up to date progress and progress during the previous day on all items of



each section of the works in relation to and in consideration of the schedule. In addition the Contractor shall submit on the second day of every fortnight, a detailed progress report giving the progress of the works during the preceding fortnight and also indicating the up to date progress of the work.

31.2. The Contractor shall appoint the Contractor's Representative with prior written approval from the MDL and shall give him all authority necessary to act on the Contractor's behalf under the Contract.

31.3. The Contractor shall not, without the prior consent of the MDL, revoke the appointment of the Contractor's Representative or appoint a replacement.

31.4. The Contractor's Representative shall, on behalf of the Contractor, receive instructions from MDL.

31.5. The Contractor's Representative may delegate any powers, functions and authority to any competent person, and may at any time revoke the delegation. Any delegation or revocation shall not take effect until the Employer has received prior notice signed by the Contractor's Representative, naming the person and specifying the powers, functions and authority being delegated or revoked. The Contractor shall appoint a team of qualified persons having adequate experience in execution of such works for assisting the Contractor's Representative.

31.6. The Contractor has to co-ordinate with the other specialised agencies so working on the project so as to ensure a proper end product of the work.

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

32.1. **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.

32.2. **Water:** Water, if available, and required by the Contractor, may be supplied by MDL free of cost. However, the contractor shall make his own arrangement for connecting lines, storage etc. at his own cost.

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

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

32.5. **Consumables:** All the consumables required for the works including temporary works, allied/ associated job etc shall be procured by the Contractor including transportation, storage, security, handling etc.

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

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

33.1.1. Rates derived from similar items of this Contract.

OR

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



OR

33.1.3. Rates mutually agreed to.

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

33.3. The same is binding to the contractor and the contractor shall execute the same at the specified rate in the Purchase Order for that item.

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

33.4.1. Finalisation of rates for extra items.

33.4.2. 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.

34. बाधा / HINDRANCE:

34.1. A Hindrance Register as per attached format at **Enclosure-22** 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 Engineer in charge of the project. The Schedule shall list out the major milestones leading to the completion of work as per final delivery date stipulated in the PO/Contract.

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

34.2.1. Reasons for the delay vis-à-vis the mutually agreed schedule

34.2.2. Delay in inputs (Drawings/ Documents/ Site Clearances/ Services/ Inspection Call)

34.2.3. Delay by Inspection Agency/ Customer

34.2.4. Delay on account of specialist services

34.2.5. Non performance by the Contractor

34.2.6. Delinquency by the vendor

34.2.7. Force Majeure

34.2.8. Any other relevant reason

34.3. 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 Technical Services Department (MDL) and the authorized Signatory from the Contractor side.

34.4. 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.

34.5. 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.

34.6. 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 on 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.**

**35. कचराहटाना /DEBRIS REMOVAL/ स्वच्छता/HOUSEKEEPING:**

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

35.2. In case debris is not removed within two days, MDL will remove the same and the charges towards debris removal @ Rs. 10,000/- per truck shall be deducted from Contractor's RA bills. Engineer-In-charge shall keep the record of the same and forward the details of recoveries in Invoice Certification.

35.3. The site will be maintained neat and clean at all times and the Contractor is expected to budget for the same. MDL has Designated Bins separately for Scrap Steel, Wood Scrap & Rubbish. Contractor shall segregate unusable scrap steel, wood, rubbish, if any, and deposit the same in the nearest respective bin.

35.4. In case the debris even in small quantities are not removed/ the site is not maintained clean within 24 hours of verbal/written instruction to the contractor, 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 Invoices.

35.5. The contractor to submit Certification of Disposal of Scrap/ Debris as per **Enclosure-28**

36. सुरक्षा और प्रशिक्षण /SAFETY AND TRAINING:

36.1. During the Construction Period, Safety Engineers shall be deputed on site as and when required and directed by MDL. This is mandatory requirement.

36.2. All the workers, Engineers of the contractor shall have Safety PPE's (Personnel Protective Equipments) like Safety Helmets, Safety Shoes, Safety Belts, Hand Gloves, and Goggles etc. Contractors shall also have provision for minimum 5 to 10 visitors PPE's. The periphery of the building shall be covered with the Green net. The contractor shall also provide Safety net and Safety Belts for height work.

36.3. All workers on site shall adhere to the best safety practices applicable. All personal, process & material safety procedures shall be planned & implemented on site. Training & regular inspection shall ensure that safety standards are met.

36.4. First Aid kit & First aid training shall be given to all key members of the Site team.

36.5. Proper signages shall be placed on site. Warning in case of any critical/hazardous activity shall be given prior to starting of such activity.

36.6. All workers, supervisor's contractor shall optimum training regarding all aspects of site management prior to commencement of work

36.7. Please refer Safety Instruction for sub Contractor's as Enclosed at Annexure 'A'.

37. ठेकेदार के कर्मचारियों का पुलिस सत्यापन /POLICE VERIFICATION OF CONTRACTOR'S EMPLOYEES:

37.1. The Contractor shall have to obtain Police Verification Report (PVR) of their Employees prior to deployment at MDL site for execution of the work. A Detailed procedure for Entry Passes for Contractor's Employees is displayed on MDL's website www.mazagondock.in → Tenders → Technical Services. In addition to this for loss of pass, bidders shall refer



Enclosure-23. BIDDERS ARE REQUESTED TO NOTE THE SAME. NO RELAXATION SHOULD BE ASKED FOR.

38. प्रतिबंध निविदाकार/फ़र्म/विक्रेता/BANNED OR DE-LISTED TENDERER/FIRMS/ VENDORS:

38.1. The Bidder / Contractor declares that they being Proprietors / Directors / Partners have not been any time individually or collectively blacklisted or banned or de-listed by any Government or quasi Government agencies or PSUs. If a Tenderer's entities as stated above have been blacklisted or banned or de-listed by any Government or quasi Government agencies or PSUs, this fact must be clearly stated in the prescribed format **online** at **Enclosure11**. Filling the information in the said format is Mandatory for every Tenderer. MDL reserves the right to ask for additional information and right to accept /reject the bid.

39. मूल्य वरीयता /PRICE PREFERENCE:

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

40. सार्वजनिक खरीद नीति (मेक इन इंडिया को प्राथमिकता) आदेश 2017/PUBLIC PROCUREMENT POLICY (Preference to Make in India) ORDER 2017:

The Government of India has issued revised Public Procurement (Preference to Make in India) order 2017 on 16th Sep 2020 as part of its policy to encourage "Make in India" and promote manufacturing and production of goods and services in India with a view to enhancing income and employment. Subject to the provisions of this order and to any specific instructions issued by Nodal Ministry or in pursuance of this order, Purchase Preference shall be given to local suppliers in all the procurements undertaken by MDL in the manner specified below:

40.1. **Aspects of 'Preference to Make in India':** The following terminology / definitions used in the policy is enumerated below and applicable to the tender:

40.1.1. **Local content:** means the amount of value added in India which shall be the total value of item (goods, services or works or their combination) under procurement (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value in percent.

Note:

a) The local content can be increased by vendors through partnerships, cooperation with local companies, establishing production units in India or Joint Ventures (JV) with Indian suppliers, increasing the participation of local employees in services and training them.

40.1.2. **Class-I Local Supplier:** means a supplier or service provider, whose goods, services or works offered for procurement, meets the minimum local content as prescribed for 'Class-I Local Supplier' under this Order.

40.1.3. **Class-II Local Supplier:** means a supplier or service provider, whose goods, services or works offered for procurement, meets the minimum local content as prescribed for 'Class-II Local Supplier' but less than that prescribed for 'Class-I Local Supplier' under this Order.

40.1.4. **Non-Local Supplier:** means a supplier or service provider, whose goods, services or works offered for procurement, has local content less than that prescribed for 'Class-II Local Supplier' under this Order.



40.1.5. **Minimum Local Content:**The 'Local Content' requirement to categorize a supplier as 'Class-I Local Supplier' is minimum 50%. For 'Class-II Local Supplier', the 'local content' requirement is minimum 20%.

40.1.6. **L1:** means the lowest tender or lowest bid or lowest quotation received in a tender, bidding process or other procurement solicitation as adjudged in the evaluation process as per the tender or other procurement solicitation.

40.1.7. **Margin of Purchase Preference:** means the maximum extent to which the price quoted by a Class-I Local Supplier may be above the L1 for the purpose of purchase preference. The margin of purchase preference shall be 20%.

Note:

1. Procedure for determination of L1 price for the purpose of deciding eligibility for Purchase Preference shall be as per tender Ranking criteria.
2. If Price/s of all Class I Local Supplier/s is more than 20% of L1's price, no purchase preference shall be applicable.

40.2. **Purchase Preference (PP):**

40.2.1 Subject to the provisions of the Order and to any specific instructions issued by the Nodal Ministry or in pursuance of the Order, purchase preference shall be given to 'Class-I local supplier' in procurements undertaken by procuring entities in the manner specified here under: In the procurements of goods or works, which are not divisible in nature, and in procurement of services where the bid is evaluated on price alone, the 'Class-I local supplier' shall get purchase preference over 'Class-II local supplier' as well as 'Non-local supplier', as per following procedure:

- a) Among all qualified bids, the lowest bid will be termed as L1. If L1 is 'Class-I local supplier', the contract will be awarded to L1.
- b) If L1 is not 'Class-I local supplier', the lowest bidder among the 'Class-I local supplier', will be invited to match the L1 price subject to Class-I local supplier's quoted price falling within the margin of purchase preference, and the contract shall be awarded to such 'Class-I local supplier' subject to matching the L1 price.
- c) In case such lowest eligible 'Class-I local supplier' fails to match the L1 price, the 'Class-I local supplier' with the next higher bid within the margin of purchase preference shall be invited to match the L1 price and so on and contract shall be awarded accordingly. In case none of the 'Class-I local supplier' within the margin of purchase preference matches the L1 price, the contract may be awarded to the L1 bidder.
- d) "Class-II local supplier" will not get purchase preference in any procurement, undertaken by procuring entities.

40.3. **Reciprocity Clause:**

- i) Entities of countries which have been identified by the nodal ministry/ department as not allowing Indian Companies to participate in their Government procurement for any item related to that nodal ministry shall not be allowed to participate in Government Procurement in India for all items related to that Nodal Ministry/ Department, except for the list of items published by the Ministry/ Department permitting their participation.
- ii) The term 'entity' of a country shall have the same meaning as under the FDI policy of Department for Promotion of Industry and Internal Trade(DPIIT) as amended from time to time.

40.4. **Declaration/ Verification of Local content**



- i) Participating bidders to indicate the percentage of local content (i.e. value added in India) along with the details of location/s where the local value addition is made, in their bids, item wise or tender wise. The indicated local content percentage shall decide categorization of the vendors as “Class-I Local Supplier” / “Class-II Local Supplier” / “Non-local Supplier”. All bidders should declare that the item and service offered meets the minimum local content & indicate its percentage in their offer which shall meet or excel required local content specified in tender. This declaration is necessary even if Custom Duty Exemption and / or ERV (if applicable) are not being sought. Certification as under is to be submitted mandatorily in technical Offer-Part-I bid.

Self-certification as per **Enclosure-10 (A)**, by Chief Financial Officer or Other legally responsible person nominated in writing by the Chief Executive or Senior Member / Person with Management Responsibility of Corporation / Partnership / Individual.

- ii) **Bidders to be noted that once the declaration / certification is committed at tender submission stage, the same cannot be altered subsequently at technical negotiation stage or after award of contract otherwise would be treated / considered as false declaration by bidder and necessary action shall be initiated as per Para 40.6 of the said Order for debarment.**
- iii) Declared Local Content shall be the basis for categorization of the vendors and tender evaluation. However, MDL reserves the right to undertake detailed examination of declared local content and may call vendor to submit relevant documents.
- iv) In cases where MDL received the complaint from any vendor or person, along with the fees prescribed below, verification of Declared Local Content shall be carried out by seeking additional info as deemed necessary and the bidders (including unsuccessful bidders) against the tender shall be obliged to furnish the necessary documents. Failing to do so, the vendor may invite penal action as per the provisions of the Order. If MDL assess the capability, then it shall perform the verification. However, if in the opinion of MDL matter needs to be dealt at higher level, then the complaint shall be referred to Nodal Ministry and their fees / expenses / charges applicable as per the Nodal Ministry, if any, shall be borne by the complainant. MDL is authorized to prescribe fees for handling complaints under revised PPP MII 2017 Order. The fees for filing a complaint under the order shall be Rs. 10,000/- per case. The complaint shall be filed to the Chairman, Public Grievance Cell. The fee shall be deposited by complainant in MDL's Account by NEFT.
- v) On scrutiny of offer, if all the bidders participating in the tender happen to have either not submitted the declaration certificate or not declared / specified the local content percentage in the declaration certificate or specified local content lower than the minimum local content requirements as per the tender, the subject tender shall be cancelled & matter shall be taken up with Ministry through MDL Nodal Executive. Meanwhile, retendering may be done without applying the provisions of said Order for needful fulfillment of MDL.
- vi) On opening of the price bids, if it is identified that there is difference in local content declaration made & local content percentage as per price quoted is now not meeting (i.e. lesser than) the specified tender requirement (i.e. only on the quoted price without any loading) then such bidder shall be disqualified and shall not be considered for ranking purpose. The bid would be treated / considered as given false declaration and necessary action for debarment shall be initiated.

40.5. **Price negotiation & contract placement:**



- i) MDL has right to negotiate with L1 bidders on the quoted prices. However, it shall be ensured that Local Content percentage as declared by the vendor is maintained or increased but not reduced.
- ii) After the contract is awarded and the supplies are completed, the supplier shall provide a "Local content certificate" **Enclosure-10(C)**, declaring the actual Local content percentage achieved while executing the contract. In case of failure to provide Local Content Certificate for the executed order within reasonable time, the issue will be referred for debarment.
- iii) Supplier shall be intimated that the supporting documentation towards realization of committed Local Content as per the contract / order terms & conditions shall be maintained for a period of seven years from the date of completion of the contract for audit purpose. Nodal Ministry may constitute committees with internal & external experts for independent verification of self-declarations and auditor's / accountant's certificates on random basis and in the case of complaints.

40.6. **Debarment of bidders / suppliers:**

- i) False declaration will be in breach of Code of Integrity under Rule 175(1)(i)(h) of GFR 2017 for which a bidder or its successors can be debarred for up to 2 years as per Rule 151(iii) of GFR 2017 along with such other actions as may be permissible under law.
- ii) A supplier who has been debarred by any procuring entity for violation of said Order shall not be eligible for preference under said Order for procurement by any other procuring entity for the duration of debarment. The debarment for such other procuring entities shall take effect prospectively from the date on which it comes to the notice of other procurement entities, in such a manner that ongoing procurements are not disrupted.

41. सामान्य वित्तीय नियमों के नियम 144 (xi) के तहत प्रतिबन्ध/ Restrictions under Rule 144 (xi) of the General Financial Rules (GFRs), 2017:

- 41.1. Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority.
- 41.2. "Bidder" (including the term 'tenderer', 'Consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.
- 41.3. "Bidder from a country which shares a land border with India" for the purpose of this Order means:-
 - a) An entity incorporated, established or registered in such a country; or
 - b) A subsidiary of an entity incorporated, established or registered in such a country; or
 - c) An entity substantially controlled through entities incorporated, established or registered in such a country; or
 - d) An entity whose *beneficial owner* is situated in such a country; or
 - e) An Indian (or other) agent of such an entity; or
 - f) A natural person who is a citizen of such a country; or
 - g) A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.

- 41.4. The beneficial owner for the purpose of 41.3 above will be as under:



41.4.1. In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(S), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.

Explanation---

- a) "Controlling ownership interest" means ownership of or entitlement to more than twenty-five per cent. of shares or capital or profits of the company;
- b) "Control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements.

41.4.2. In case of a partnership firm, the beneficial owner is the natural person(S) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;

41.4.3. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;

41.4.4. Where no natural person is identified under **(41.4.1) or (41.4.2) or (41.4.3)** above, the beneficial owner is the relevant natural person who holds the position of senior managing official;

41.4.5. In case of a trust, the identification or beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.

41.5. An Agent is a person employed to do any act for another, or to represent another in dealings with third person.

41.6. The successful bidder shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority.

41.7. The bidders shall provide Declaration in respect of restriction under Rule 144 (xi) of the General Financial Rules (GFRs), 2017 in the prescribed format as per **Enclosure-10 (E)**

42. सार्वजनिक शिकायत कक्ष /PUBLIC GREIVANCE CELL

42.1. A Public Grievance Cell headed by **Executive Director (Tech)** 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 **4th Floor, D2 Building, East yard, MDL** or send their complaints / grievances to him in writing for redressal. His Telephone No. is **022- 2376 3512 / 2372 3426 / 8879399826**

43. विवाद समाधान तंत्र /DISPUTE RESOLUTION MECHANISM(DRM) and मध्यस्थता /ARBITRATION:

43.1. Dispute Resolution Mechanism:

43.1.1. Any dispute/differences between the parties arising out of and in connection with the contract shall be settled amicably by mutual negotiations.



43.1.2. In case of non-settlement by **(43.1.1)** above, if at any time, before, during or after the contract period any unsettled claim, dispute or difference arose between the parties, upon or in relation to or in connection with or in any way touching or concerning this tender/agreement/order/contract, the same shall be referred to the concerned Functional Director.

The Functional Director shall then nominate an Executive of the rank of General Manager whom he thinks fit and competent or a Committee of Executives who/which shall then scrutinise the claims/disputes that have been referred to the concerned functional Director and make efforts for amicable settlements by mutual discussions/negotiations.

43.1.3. In case no amicable settlement is arrived by **(43.1.2)** above within a period of three months, then the contractor shall approach Public Grievance Cell and address the disputes as per the provisions made under the relevant clause of the contract.

43.1.4. In case the issues/disputes do not get settled within a period of six months from the date of submission of the dispute to the Grievance Cell, then the contractor may invoke Arbitration Clause of the contract.

43.2. Arbitration:

43.2.1. Unresolved disputes/differences, if any, shall then be settled by arbitration. The Arbitration proceedings shall be conducted at Mumbai, India, in English Language, under the Arbitration & Conciliation Act, 1996. MDL prefers to have arbitration through Institutes such as Indian Council of Arbitration (ICA)/ICA-DR, with the mutual consent of the parties.

43.2.2. In case of unresolved difference/dispute between the Purchaser and Supplier, being Central Public Sector Enterprises/Central Govt. departments, the disputes shall be resolved firstly through mutual discussion or through the empowered agencies of the Govt. or through arbitration by reference by either party to the department of Public Enterprises, as per extant guidelines. If disputes/differences remain unresolved/unexecuted, the same shall be referred first to the Cabinet Secretariat and then, if necessary to the PMO.

44. अधिकार क्षेत्र/JURISDICTION:

44.1. All contracts shall be deemed to have been wholly made in Mumbai and all claimsthere under are payable in Mumbai City and it is the distinct condition of the order that no suit or action for the purpose of enforcing any claim in respect of the order shall be instituted in any Court other than that situated in Mumbai City, Maharashtra State, India i.e. courts in Mumbai shall alone have jurisdiction to decide upon any dispute arising out of or in respect of the contract.

45. एमडीएल का अधिकार /MDL's RIGHT:

45.1. 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.

46. बोलीदाताओं / एजेंटों के बिच हितों का टकराव / CONFFLICT OF INTERESST AMONG BIDDERS /AGENTS:

46.1. Conflict of Interest among bidders/ Agents: A bidder shall not have conflict of interest with other bidders. Such conflict of interest can lead to anti-competitive practices to the



detriment of MDL's interests. The bidder found to have a conflict of interest shall be disqualified. A bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if:

- a) They have controlling partner(s) in common; or
- b) They receive or have received any direct or indirect subsidy/ financial stake from any of them; or
- c) They have the same legal representative/agent for purposes of this bid; or
- d) They have relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder; or
- e) Bidder participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all bids in which the parties are involved. However, this does not limit the inclusion of the components/ sub-assembly/ Assemblies from one bidding manufacturer in more than one bid.

In case of a holding company having more than one independently manufacturing units, or more than one unit having common business ownership/ management, only one unit should quote. Similar restrictions would apply to closely related sister companies. Bidder must proactively declare such sister/ common business/ management units in same/ similar line of business. Bidder to be submitted declaration duly signed & stamped at per **Enclosure-29**.

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**,

DGM/HOD (TS-Comm)
Technical Services Department

**Enclosures:**

1.	Enclosure-1	-	Form of undertaking to be furnished by the bidder
2.	Enclosure-2	-	Tender Enquiry Acceptance Form
3.	Enclosure-3	-	Standard Terms and Condition (Stacs) Acceptance Form-STACS attached separately.
4.	Enclosure-4	-	General Terms and Conditions (GT&C) Acceptance Form-GT&C attached separately.
5.	Enclosure-5	-	Deviations from Tender Enquiry Form/ GT&C/ STACS
6.	Enclosure-6	-	Financial Information of Bidder
7.	Enclosure-7	-	Details of Existing Commitments & On-going Works- Calculation of Bid capacity.
8.	Enclosure-8	-	Particulars of Experience in Similar Projects
9.	Enclosure-9	-	Personnel available with the Contractor for this Project
10.	Enclosure- 10 (A)	-	Declaration Certificate for Local Content (Sample Filled up Form for Filling Enclosure-10 (A) ATTACHED SEPERATELY)
11.	Enclosure- 10 (C)	-	Actual Local Content Certificate
12.	Enclosure- 10 (E)	-	Declaration in respect of restriction under Rule 144 (xi) of the General Financial Rules (GFRs), 2017
13.	Enclosure- 10 (F)	-	Declaration in respect of of debarred under Public Procurement Policy (PPP) Make In India (MII) order 2017
14.	Enclosure-11	-	Banned or Delisted of Firm/Vendor
15.	Enclosure-12	-	MDL Bank Account Details for Online Remittance of Security Deposit/ Performance Bank Guarantee
16.	Enclosure-13	-	Integrity Pact
17.	Enclosure-14	-	RTGS/NEFT/ECS – Mandate Authorisation Form
18.	Enclosure-15	-	Proforma Bank Guarantee format for Bid Bond / EMD
19.	Enclosure-16	-	Performa for Performance Bank Guarantee
20.	Enclosure-17	-	Performa for Waterproofing Bank Guarantee-
21.	Enclosure-18	-	Performa for Bank Guarantee against water leakage- Not required for this work
22.	Enclosure-19	-	Price Bid (Part-II) - to be submitted online
23.	Enclosure-20	-	List of Drawings.-Attached Separately
24.	Enclosure-21	-	Scope of Work
25.	Enclosure-22	-	Hindrance Register Format
26.	Enclosure-23	-	Loss of Pass
27.	Enclosure-24	-	Invoice Certification Format
28.	Enclosure-25	-	Extract of Official Secrets Act, 1923
29.	Enclosure-26	-	CHECKLIST OF SUBMITTALS ATTACHED ALONGWITH ONLINE TECHNICAL BID
30.	Enclosure-27	-	Address Label
31.	Enclosure-28	-	Certification for Disposal of Scrap/Debris
32.	Enclosure-29	-	Declaration in respect of Conflict of Interest among Bidders/ Agents



33.	SAMPLE FORMAT	-	SAMPLE FORMAT FOR FILLING ENCLOSURE-10 (A) OF TENDER
34.	Statutory requirements & Safety clause	-	To be downloaded from our website www.mazagondock.in
35.	Procedure for security passes	-	To be downloaded from our website www.mazagondock.in
36.	ANNEXURE-A		<u>SAFETY INSTRUCTIONS FOR SUB-CONTRACTORS IN MDL, attached separately</u>
37.	ANNEXURE-B		<u>STANDARD TERMS AND CONDITION (HR) FOR STATUTORY COMPLIANCE WHILE ENGAGING SUB-CONTRACTORS/ OUTSOURCED MANPOWER AND ITS UNIT attached separately</u>



Enclosure-1

FORM OF UNDERTAKING TO BE FURNISHED BY THE BIDDER

(To be typed on Bidder's Letter head)

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

Sir,

Sub: Modernization of

- i. Guest House/Flat No. 304, Angre House in MDL Residential Area**
- ii. Vigilance Department, 1st Floor, West block & Mezzanine floor, West block, NY, MDL.**

Ref: MDL Tender Enquiry No. 1900000181

1. Having visited the site and having examined the General Conditions of Contract, Special Conditions of Contract, Technical Specifications 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, Special Conditions of Contract, Technical Specifications, 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.
10. We undertake to comply with the Anti-profiteering provisions of GST Act 2017 and we will pass on the benefits from reduction in the rate of Tax/input Tax credit if any, to MDL and there will be no liability on MDL on account of GST/Input Tax Credit.

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 _____

**TENDER ENQUIRY (TEF) ACCEPTANCE FORM**

To,
MAZAGON DOCK SHIPBUILDERS LIMITED
TECHNICAL SERVICES DEPARTMENT

TENDER ENQUIRY No. 1900000181

TEF CLAUSE NO.	TENDERER'S REMARK	TEF CLAUSE NO.	TENDERER'S REMARK
	ACCEPTED/ DEVIATION		ACCEPTED/ DEVIATION
2		26	NOT APPLICABLE
3		27	
4		28	
5		29	
6		30	
7		31	
8		32	
9		33	
10		34	
11		35	
12		36	
13		37	
14		38	
15		39	
16		40	
17		41	
18		42	
19		43	
20		44	
21		45	
22		46	
23			
24			
25			

COMPANY'S NAME & ADDRESS :

SIGNATURE:

DATE:

NAME:

DESIGNATION:

TENDERER'S COMPANY

SEAL:



NOTES :

1. Bidder(s) should carefully read the Tender Enquiry Terms & Conditions (TEF) included in the tender prior to filling up this acceptance format.
2. Bidder(s) should indicate Accepted/ Deviation Taken for each clause number in the above table.
3. Bidder(s) to attach Separate Sheet indicating all relevant details such as Number & description of the Clause, Reasons for Deviation and Alternative suggested for any deviations taken by them in the prescribed format indicated at **Enclosure-5**.
4. TEF clause numbers shown in the above format also includes the sub-clauses under these clauses. For example 4 means – clause nos. 4, 4(i), 4(ii) etc.

**Enclosure-3****STANDARD TERMS AND CONDITIONS (STACS) ACCEPTANCE FORM**

To,
MAZAGON DOCK SHIPBUILDERS LIMITED
TECHNICAL SERVICES DEPARTMENT

TENDER ENQUIRY No. 1900000181

STACS CLAUSE NO.	TENDERER'S REMARK	STACS CLAUSE NO.	TENDERER'S REMARK	STACS CLAUSE NO.	TENDERER'S REMARK
	ACCEPTED/ DEVIATION		ACCEPTED/ DEVIATION		ACCEPTED/ DEVIATION
501		508		515	
502		509		516	
503		510		517	
504		511		518	
505		512		519	
506		513		520	DELETED
507		514			

COMPANY'S NAME & ADDRESS :

SIGNATURE:

DATE:

NAME:

DESIGNATION:

TENDERER'S COMPANY

SEAL:

NOTES :

1. Bidder(s) should carefully read the Standard Terms & Conditions (STACS) included in the tender prior to filling up this acceptance format.
2. Bidder(s) should note that the Clause No. 507(iv) of STACS shall be read as Tender Enquiry Form Clause no. 30.2.
3. Bidder(s) should indicate Accepted/ Deviation Taken for each clause number in the above table.
4. Bidder(s) to attach Separate Sheet indicating all relevant details such as Number & description of the Clause, Reasons for Deviation and Alternative suggested for any deviations taken by them in the prescribed format indicated at **Enclosure-5**.
5. STACS clause numbers shown in the above format also includes the sub-clauses under these clauses. For example 4 means – clause nos. 4, 4(i), 4(ii) etc.

**ACCEPTANCE FORM FOR GENERAL TERMS AND CONDITIONS (GT&C)**

To,
MAZAGON DOCK SHIPBUILDERS LIMITED
TECHNICAL SERVICES DEPARTMENT

TENDER ENQUIRY No. 1900000181

GT&C CLAUSE No.	TENDERER'S REMARK	GT&C CLAUSE No.	TENDERER'S REMARK	GT&C CLAUSE No.	TENDERER'S REMARK
	ACCEPTED/ DEVIATION		ACCEPTED/ DEVIATION		ACCEPTED/ DEVIATION
A301		A330		A359	
A302	Deleted	A331		A360	
A303		A332		A361	
A304		A333		A362	
A305		A334		A363	
A306		A335		A364	
A307		A336		A365	
A308		A337		A366	
A309		A338		A367	
A310		A339		A368	
A311		A340		A369	
A312		A341		A370	
A313		A342		A371	
A314		A343		A372	
A315		A344		A373	
A316		A345		A374	
A317		A346		A375	
A318		A347		A376	
A319		A348		A377	
A320		A349		A378	
A321		A350		A379	
A322		A351		A380	
A323		A352		A381	
A324		A353		A382	
A325		A354		A383	
A326		A355		A384	
A327		A356		A385	
A328		A357		A386	
A329		A358		A387	DELETED

COMPANY'S NAME & ADDRESS:

SIGNATURE:

DATE:

NAME:

DESIGNATION:

TENDERER'S COMPANY

SEAL:



NOTES :

1. Bidder(s) should carefully read the General Terms & Conditions (GT&C) of the Tender Enquiry prior to filling up this acceptance format.
2. Bidder(s) should indicate Accepted/ Deviation Taken for each clause number in the above table.
3. Bidder(s) to attach Separate Sheet indicating all relevant details such as Number & description of the Clause, Reasons for Deviation and Alternative suggested for any deviations taken by them in the prescribed format indicated at **Enclosure-5**.
4. Clause numbers shown in the above format also includes the sub-clauses under these clauses. For example Clause no. A356 means – Clause nos. A356, A356 i), A356 a) etc.



MDL Tender No. 1900000181

Enclosure-5

DEVIATIONS FROM CONDITIONS OF TENDER ENQUIRY FORM/GT&C/STACS

All deviations from the Conditions of Tender Enquiry Form/ GT&C/ STACS shall be filled in by the bidder clause by clause in this Schedule. If deviations are discussed in the covering Letter of Tender, then reference to the said letter shall be made below.

Clause No.	Contractual requirement	Deviation proposed by the Bidder	Reason for proposed deviation
(1)	(2)	(3)	(4)

The Bidder hereby certifies that the above mentioned are the only deviations from the Conditions of Contract.

SIGNATURE

NAME

DESIGNATION

COMPANY SEAL

COMPANY

DATE



MDL Tender No. 1900000181

Enclosure-6

Financial Information of Bidder*(To be typed on Bidders Letterhead & submitted)*

Description	FY 2020-21	FY 2021-22	FY 2022-23	Average Annual Turnover
	₹	₹	₹	₹
	X	Y	Z	(A) = (X+Y+Z)/3
Gross Annual Turnover of Construction Works Only				

Note: The figures for Gross Annual Turnover filled in by the bidder should be as per the audited Balance Sheets and Profit & Loss Account for the relevant Financial Year.

Signature of Chartered Accountant
with Seal

Signature and Seal of the Bidder



MDL Tender No. 1900000181

Enclosure-7**Details of Existing Commitments & On-going Works***(To be typed on Bidders Letterhead & submitted)*

1	2	3	4	5	6	7
Sr. No.	Name of the Work/Project	Contract Value (₹)	Date of start as per PO/Contract	Date of Completion as per PO/Contract	Work Done up to the preceding Month of submission of Bid (₹)	Value of existing commitments and on-going works to be completed (for all the Clients of the Bidder) during the period of completion of work for which bids have been invited (i.e. Balance value of Work) (₹) (B) = 3-6

Note: The bidder shall also include the value of all such works which are awarded to bidder but yet not started up to the last day of preceding month of submission of bid.

CALCULATION OF WORKING BID CAPACITY

- (a) Working Bid Capacity = $[A \times N \times 2] - B$, where
- A** = Average Annual Turnover of the bidder for the last Three Years (ending 31st March, 2023) from Construction activities.
 - N** = Number of years prescribed for completion of work for which bids have been invited = **0.75 (09 Months)**.
 - B** = Value of existing commitments and on-going works to be completed (for all the Clients of the Bidder) during the period of Completion of Work for which bids have been invited, duly certified by chartered Accountant.

Working Bid Capacity = ₹ _____

Note: The bidder should attach the proof for 'A' & 'B' mentioned above.

Signature of Chartered Accountant
with Seal

Signature and Seal of the Bidder

**Enclosure-8****PARTICULARS OF EXPERIENCE IN SIMILAR PROJECTS**

The General Manager,
Technical Services Department,
1st Floor, Alcock Yard,
Mazagon Dock Shipbuilders Limited,
Dock Yard Road,
Mumbai - 400010, INDIA

Sir,

Sub: Modernization of

- i. **Guest House/Flat No. 304, Angre House in MDL Residential Area**
- ii. **Vigilance Department, 1st Floor, West block & Mezzanine floor, West block, NY, MDL.**

Ref: MDL Tender No. 1900000181

With reference to the above and after having read the terms & conditions in the Tender Enquiry, we wish to submit our bid for consideration of pre-qualification under **Clause 7.1.1/7.1.2/7.1.3** (*strike out whichever is not applicable*) of the tender. The details of similar projects as stipulated in the tender enquiry form and completed satisfactorily by us are as under:

Clause 7.1.1: Three similar completed works each costing not less than **₹ 133 Lakhs.**

Sr.No	PO No & Date	Completion Cost	Work order (Submitted/Not submitted)	Completion Certificate (Submitted/Not Submitted)
1				
2				
3				

OR

Clause 7.1.2: Two similar completed works each costing not less than **₹ 166 Lakhs.**

Sr. No	PO No & Date	Completion Cost	Work order (Submitted/Not submitted)	Completion Certificate (Submitted/Not Submitted)
1				
2				

OR

Clause 7.1.3: One similar completed work costing not less than **₹ 265 Lakhs.**

Sr. No	PO No & Date	Completion Cost	Work order (Submitted/Not submitted)	Completion Certificate (Submitted/Not Submitted)
1				

2. The brief details of above similar projects are as under: (Use separate sheet for each work)

i.	Project Name:	
ii.	Project Location	
iii.	Client:	
iv.	Address of the Client & contact person with Tel No. & Fax No	
v.	Brief Description of the work	
vi.	Cost of project	
vii.	Contract/Work order No:	
viii.	Completion Certificate details viz, ref. No & date of	



	issue	
ix.	Date of Commencement of Work	
x.	Date of completion work	

3. The following documents in support of the above similar projects are enclosed in our techno-commercial bid:
1. Copy of Work Order/Contract Agreement indicating contract amount, Project/Work value, Scope of Work & other details with signature of Both Parties.
 2. Work Completion Certificates issued by the Client(s) indicating proper reference of Contract Agreement & Date of Completion.
 3. Any other document (*please specify*)
4. We further agree to produce originals of the documents submitted in respect of the similar projects detailed above for verification by MDL as and when called for.

Signature of Contractor:

Name and Address:

Place:

Date:

Official Seal



MDL Tender No. 1900000181

Enclosure-9

KEY PERSONNEL AVAILABLE WITH THE CONTRACTOR FOR THIS PROJECT

Bidders should provide information of personnel of relevant discipline (Engineers & Supervisors) including Safety Officer(s) who will be deployed for this Project in the following prescribed format.

Sl No.	Designation of the Personnel with Discipline	No of Personnel to be deployed	Month wise Duration of Deployment this project	No of Years of Relevant Experience



Enclosure-10 (A)

DECLARATION CERTIFICATE FOR LOCAL CONTENT

This declaration serves as a declaration form for the bidders. (Before completing this declaration, bidders must study the General Conditions, Definitions, Govt. Directives applicable in respect of Local Content & prescribed tenderconditions).

LOCAL CONTENT DECLARATION BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY RESPONSIBLE PERSON NOMINATED IN WRITING BY THE CHIEF EXECUTIVE OR SENIOR MEMBER/PERSON WITH MANAGEMENT RESPONSIBILITY (CORPORATION, PARTNERSHIP OR INDIVIDUAL)

IN RESPECT OF BID/ TENDER No.....
ISSUED BY: MAZAGON DOCK SHIPBUILDERS LIMITED

NB: The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.

I, the undersigned, (full names),
do hereby declare, in my capacity as of
.....(name of bidder entity),
the following:

- (a) The facts contained herein are within my own personal knowledge.
- (b) I have read and understood the requirement of local content (LC) and same is specified as percentage calculated in accordance with the definition provided at clause 2 of revised Public Procurement (preference to Make in India) Order 2017.

“Local content” as per above order means the amount of value added in India which shall be the total value of items procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value in percent.”

- (c) I have satisfied myself that the goods/services/works to be delivered in terms of the above specified bid comply with the local content requirements as specified in the tender for ‘Class- I Local Supplier’ / ‘Class-II Local Supplier’, and as above.

(d) The local content calculated using the definition given above are as under:

Tender Item Sr No	Local content calculated as above %	Location of value addition

Attach separate sheet duly signed if space is not sufficient



NB: Local content percentage shall be declared item wise or tender wise strictly as per the terms of the tender.

- (e) I accept that the Procurement Authority / Institution / MDL / Nodal Ministry has the right to request that the local content be verified in terms of the requirements of revised Public Procurement (preference to Make in India) Order 2017 dtd 16.09.2020 and I shall furnish the document / information on demand. Failure on my part to furnish the data will be treated as false declaration as per PPP MII Order 2017. In case of contract being awarded, I undertake to retain the relevant documents for 7 years from date of execution.
- (f) I understand that the submission of incorrect data, or data that are not verifiable as described in revised Public Procurement (preference to Make in India) Order 2017, may result in the Procurement Authority / Nodal Ministry / MDL imposing any or all of the remedies as provided for in Clause 9 of the Revised Public Procurement (preference to Make in India) Order 2017 dated 16.09.2020.

SIGNATURE: (TO BE SIGNED & STAMPED BY AUTHORISED SIGNATORY STRICTLY AS PER THE CLAUSE NO. 40.4.i) -VIZ; **CHIEF FINANCIAL OFFICER OR OTHER LEGALLY RESPONSIBLE PERSON NOMINATED IN WRITING BY THE CHIEF EXECUTIVE OR SENIOR MEMBER/PERSON WITH MANAGEMENT RESPONSIBILITY (CORPORATION, PARTNERSHIP OR INDIVIDUAL)**

Seal / Stamp of Authorized Signatory DATE: _____

**Enclosure-10 (C)****ACTUAL LOCAL CONTENT CERTIFICATE**

Note : This certificate shall be submitted by the successful bidder post execution of the contract.

LOCAL CONTENT DECLARATION (post execution of contract / PO) BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY RESPONSIBLE PERSON NOMINATED IN WRITING BY THE CHIEF EXECUTIVE OR SENIOR MEMBER/PERSON WITH MANAGEMENT RESPONSIBILITY (CORPORATION, PARTNERSHIP OR INDIVIDUAL)

**IN RESPECT OF CONTRACT No./ PO No.....
ISSUED BY: MAZAGON DOCK SHIPBUILDERS LIMITED**

NB: The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.

I, the undersigned, (full names), do hereby declare, in my capacity as of(name of bidder entity), that:

- (a) The facts contained herein are within my own personal knowledge.
- (b) My/our company has declared the local content at the time of tender as under

Tender Item SrNo	Local content calculated as above %	Location of local value addition

(c) My/our company has completed the above referred contract and the actual local content of the delivered item/s calculated using the definition in the declaration given at the time of bid is as under:

Tender Item SrNo	Declared minimum Local content at the time of bidding (%)	Achieved Local content of delivered items (%)

NB: Local content percentage shall strictly be declared item wise or tender wise as was declared at the time of bid / tender.

(d) I accept that the Procurement Authority / Institution / MDL / Nodal Ministry has the right to request that the local content be verified in terms of the requirements of revised Public Procurement (preference to Make in India) Order 2017 dtd 16.09.2020 and I shall furnish the document / information on demand. Failure on my part to furnish the data will be treated as false declaration as per PPP MII Order 2017. I undertake to retain the relevant documents for 7 years from date of execution.

(e) I understand that the submission of incorrect data, or data that are not verifiable as described in revised Public Procurement (preference to Make in India) Order 2017, may result in the Procurement Authority / Nodal Ministry / MDL imposing any or all of the



remedies as provided for in Clause 9 of the Revised Public Procurement (preference to Make in India) Order 2017 dated 16.09.2020.

SIGNATURE: _____

DATE: _____

Seal / Stamp of Bidder



MDL Tender No. 1900000181

Enclosure-10 (E)**Declaration in respect of restriction under Rule 144 (xi) of the General Financial Rules (GFRs), 2017**

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries; I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authorities and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authorities. I hereby certify that this bidder fulfils all requirements in this regards and is eligible to be considered. (Where applicable, evidence of valid registration by the Competent Authorities shall be attached)

SIGNATURE:_____**DATE:**_____**Seal / Stamp of Bidder**



MDL Tender No. 1900000181

Enclosure-10 (F)**Declaration in respect of debarred under Public Procurement Policy (PPP) Make In India (MII) order 2017, GeM, CPPP including Tender holiday issued by MDL.**

*I have read the **Clause No. 40** of the Tender and hereby declare that I/ we have not been debarred by any Government or quasi Government agencies or PSU's under Public Procurement Policy (PPP) Make In India (MII) order 2017, GeM and CPPP.*

Further, I hereby declare that I/ we have not been given the Tender holiday by MDL.

SIGNATURE: _____

DATE: _____

Seal / Stamp of Bidder

**Enclosure-11****PARTICULARS OF BANNED OR DE-LISTED TENDERER/FIRM/VENDORS**

The General Manager,
 Technical Services Department,
 1st Floor, Alcock Yard,
 Mazagon Dock Shipbuilders Limited,
 Dock Yard Road,
 Mumbai - 400010, INDIA

Sir,

Sub: Modernization of

i. Guest House/Flat No. 304, Angre House in MDL Residential Area

ii. Vigilance Department, 1st Floor, West block & Mezzanine floor, West block, NY, MDL.

Ref: MDL Tender No. 1900000181

With reference to **Clause no : 38** (Banned Or De-Listed Tenderer/ Firms / Vendors), referred Tender Enquiry, We declare the Information as below.

A. In case of Banned / Blacklisted by the client.

Sl	Name of Government/ quasi Government agencies/or PSUs who has Banned/Black listed	Name of Project value which firm is Banned/ Blacklisted	Banned/ Black listed for the Duration	Reasons

B. In case of penal Action Proceeding / Show cause notices initiated/issued by the Government or quasi Government agencies or PSU's including Pending in Judicial proceedings:

Sl	Name of Client	Name of Project / Work	Status

C. The bidding firm to enclose / submit all relevant documents pertaining to Sr. no. A & Sr no. B above.

Signature of Contractor:

Name and Address:

Place:

Date:

Official Seal

**Enclosure-12**

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
INCOME TAX TAN NO		MUMMO2076E

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. Performance Bank Guaranteetc	Amount Remitted (₹)
			MDL Tender No. 1900000181		

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.



MDL Tender No. 1900000181

INTEGRITY PACT

MAZAGON DOCK SHIPBUILDERS LIMITED (MDL) hereinafter referred to as "**The Principal/Buyer**"

And

.....hereinafter referred to as "**The Bidder/ Contractor**"

Preamble

The Principal/Buyer intends to award, under laid down organizational procedures, contract/s forThe Principal/Buyer values full compliance with all relevant laws of the and, rules, regulations, economic use of resources and of fairness / transparency in its relations with its Bidder(s) and /or Contractor(s).

In order to achieve these goals, the Principal/Buyer shall appoint an Independent External Monitor (IEM), who shall monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1 - Commitments of the Principal/Buyer:

- (1) The Principal/Buyer commits itself to take all measures necessary to prevent corruption and to observe the following principles:
 - a) No employee of the Principal/Buyer, personally or through family members, shall in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
 - b) The Principal/Buyer shall during the tender process treat all Bidder(s) with equity and reason. The Principal/Buyer shall in particular, before and during the tender process, provide to all Bidder(s) the same information and shall not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
 - c) The Principal/Buyer shall exclude from the process all known prejudiced persons.
 - d) The Principal/Buyer undertakes to scrupulously follow the Purchase Manual containing Standard Terms & Conditions (STAC) and General Terms & Conditions (GT&C) in respect of procurement contracts for goods, services and civil works.
- (2) If the Principal/Buyer obtains information on the conduct of any of its employees which is a criminal offence under the relevant Anti Corruption Laws of India, or it there be a substantive suspicion in this regard, the Principal/Buyer shall inform the Chief Vigilance Officer, MDL and in addition can initiate disciplinary actions.

For & on behalf of
MAZAGON DOCK SHIPBUILDERS
LIMITED
(Office Seal)

For & on behalf of Bidder/Contractor
(Office Seal)

**Section 2 - Commitments of the Bidder(s)/Contractor(s):**

- (1) The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.
- a) The Bidder(s)/Contractor(s) shall not, directly or through any other persons or firm, offer promise or give to any of the Principal/Buyer's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage or any kind whatsoever during the tender process or during the execution of the contract.
 - b) The Bidder(s)/Contractor(s) shall not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal.
This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
 - c) The Bidder(s)/Contractor(s) shall not commit any offence under the relevant Anti-Corruption Laws of India; further the Bidder(s)/Contractor(s) shall not use improperly, for purposes of competition or personal gain, or pass on to other, any information or document provided by the Principal/Buyer as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
 - d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly, the Bidder(s)/Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. All payments made to the Indian Agent/representative have to be in Indian Rupees only. Further details as mentioned in the "Guidelines of Indian Agents of Foreign suppliers" shall be disclosed by the Bidders(s)/Contractor(s). Copy of the "Guidelines on Indian Agents of Foreign Suppliers" as annexed and marked as Annexure-A.
 - e) The Bidder(s)/Contractor(s) shall when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
 - f) The Bidder (s)/Contractor(s), their agents, representatives shall not do such things so as to interfere with the procedures laid down in the Principal/Buyer's Purchase Manual containing the Standard Terms and Conditions (STAC) and General Terms and Conditions (GT&C) in respect of procurement contracts for goods, services and civil works.
- (2) The Bidder(s)/Contractor(s) shall not instigate third persons to commit offences outlines above or be an accessory to such offences.

Section 3 - Disqualification from tender process and exclusion from future contracts:

If the Bidder(s)/Contractor(s) before contract award has committed a transgression through a violation of Section 2, above or in any other form such as to put his reliability or credibility as Bidder(s) in question, the Principal/Buyer is entitled to disqualify the Bidder(s)/Contractor(s)

For & on behalf of
MAZAGON DOCK SHIPBUILDERS
LIMITED
(Office Seal)

For & on behalf of Bidder/Contractor
(Office Seal)



from the tender process or to terminate the contract, if already signed for such reason, as per the procedure mentioned in the "Guidelines on Banning of business dealings" Copy of the "Guidelines on Banning of business dealings" is annexed and marked as Annexure-B.

- 1) If the Bidder(s)/Contractor(s) has committed a transgression through a violation of Section 2 such as to put his reliability or credibility into question, the Principal/Buyer is entitled also to exclude the Bidder(s)/Contractor(s) from future contract award processes. The imposition and duration of the exclusion shall be determined by the severity of the transgression. The severity shall be determined by the circumstances of the case, in particular the number of transgressions, the position of the transgressors within the company hierarchy of the Bidder(s) and the amount of the damage. The exclusion shall be imposed for a minimum of six months and maximum of five years, which may be further extended at the discretion of the Principal/Buyer.
- 2) A transgression is considered to have occurred, if the Principal/Buyer after due consideration of the available evidence, concludes that no reasonable doubt is possible.
- 3) The Bidder (s) accepts and undertakes to respect and uphold the Principal/Buyer's absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground, including the lack of any hearing before the decision to resort to such exclusion is taken. This undertaking is given freely and after obtaining legal advice.
- 4) If the Bidder(s)/Contractor(s) can prove that he has restored/ recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Buyer may revoke the exclusion prematurely.

Section 4 – Sanctions for Violation :

- (1) Any breach of the aforesaid provisions by the Bidder or any one employed by him or acting on his behalf (whether with our without the knowledge of the Bidder) or the commission of any offence by the Bidder or any one employed by him or acting on his behalf, as defined in Chapter IX of the Indian Penal Code, 1860 or the Prevention of Corruption Act 1988 or any other Act enacted for the prevention of corruption shall entitle the Principal/Buyer to take all or any one of the following actions, wherever required –
 - a) To immediately call off the pre-contract negotiations without assigning any reason or giving any compensation to the Bidder. However, the proceedings with the other Bidder (s) would continue.
 - b) The Earnest Money Deposit/Security Deposit/Performance Bond shall stand forfeited either fully or partially, as decided by the Principal/Buyer, and the Principal/Buyer shall not be required to assign any reason therefor.
 - c) To immediately cancel the contract, if already signed, without giving any compensation to the Bidder.
 - d) To recover all sums already paid by the Principal/Buyer, in case of an Indian Bidder

For & on behalf of
MAZAGON DOCK SHIPBUILDERS LIMITED
(Office Seal)

For & on behalf of Bidder/Contractor
(Office Seal)



- e) with interest thereon at 2% higher than the prevailing Base Rate of SBI, and in case of a Bidder from a country other than India with interest thereon at 2% higher than the LIBOR. If any outstanding payment is due to the Bidder from the Buyer in connection with any other contract for any other Defence stores, such outstanding payment could also be utilized to recover the aforesaid sum and interest.
- f) To encash the advance Bank Guarantee and Performance Bond/Warranty bond, if furnished by the Bidder, in order to recover the payments, already made by the Principal/Buyer, along with interest.
- g) To cancel all or any other contracts with the Bidder.
- h) To debar the Bidder from entering into any bid from Principal/Buyer for a minimum period of five years, which may be further extended at the discretion of the Principal/Buyer.
- i) To recover all sums paid in violation of this Pact by Bidder(s) to any middleman or agent or broker with a view to securing the contract.
- j) If the Bidder or any employee of the Bidder or any person acting on behalf of the Bidder, either directly or indirectly, is closely related to any of the officers of the Buyer, or alternatively, if any close relative of an officer of the Buyer has financial interest/stake in the Bidder's firm, the same shall be disclosed by the Bidder at the time of filing of tender. Any failure to disclose the interest involved shall entitle the Buyer to rescind the contract without payment of any compensation to the Bidder.

The term 'close relative' for this purpose would mean spouse whether residing with the Principal/Buyer's employee/employees or not, but not include a spouse separated from the Principal/Buyer's employee/employees by a decree or order of a competent court; son or daughter or step son or step daughter and wholly dependent upon Principal/Buyer's employee/employees, but does not include a child or step child who is no longer in any way dependent upon the Principal/Buyer's employee/employees or of whose custody the Principal/Buyer's employee/employees has been deprived of by or under any law; any other person related, whether by blood or marriage, to the Principal/Buyer's employee/employees or to the Principal/Buyer's employee/employees wife or husband and wholly dependent upon Principal/Buyer's employee/employees.

- k) The Bidder shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of the Principal/Buyer, and if he does so, the Principal/Buyer shall be entitled forthwith to rescind the contract and all other contracts with the Bidder. The Bidder shall be liable to pay compensation for any loss or damage to the Principal/Buyer resulting from such rescission and the Principal/Buyer shall be entitled to deduct the amount so payable from the money(s) due to the Bidder.
- l) In cases where Irrevocable Letters of Credit have been received in respect of any contract signed by the Principal/Buyer with the Bidder, the same shall not be opened.

For & on behalf of
MAZAGON DOCK SHIPBUILDERS LIMITED
(Office Seal)

For & on behalf of Bidder/Contractor
(Office Seal)



- (2) The decision of the Principal/Buyer to the effect that a breach of the provisions of this Integrity Pact has been committed by the Bidder shall be final and binding on the Bidder, however, the same Bidder can approach the Monitor(s) appointed for the purposes of this Pact.

Section 5 - Previous Transgression:

- (1) The Bidder declares that no previous transgressions occurred in the last three years with any other company in any country conforming to the anti-corruption approach or with any other public section enterprise in India that could justify his exclusion from the tender process.
- (2) If the bidder makes incorrect statement on this subject, he can be disqualified from the tender process or further action can be taken.

Section 6 - Equal treatment of all Bidders/Contractor(s)/Subcontractors:

- (1) The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this integrity Pact, and to submit it to the Principal before contract signing.
- (2) The Principal/Buyer shall enter into agreements with identical conditions as this one with all bidders, contractors and subcontractors.
- (3) The Principal/Buyer shall disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section 7 - Criminal charges against violation Bidder(s)/Contractor(s)/ Subcontractor(s):

- (1) If the Principal/Buyer obtains knowledge of conduct of a Bidder, Contractor or subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or subcontractor which constitutes corruption or if the Principal has substantive suspicion in this regard, the Principal/Buyer shall inform the same to the Chief Vigilance Officer, MDL.

Section 8 - Independent External Monitor/Monitors:

- (1) The Principal/Buyer appoints competent and credible independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively whether and to what extent the parties comply with the obligations under this agreement.
- (2) The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the Chairman & Managing Director of the Principal/Buyer.
- (3) The Bidder(s)/Contractor(s) accepts that the Monitor has the right to access without restriction to all project documentation of the Principal/Buyer including that provided by the Contractor. The Contractor shall also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The

For & on behalf of
MAZAGON DOCK SHIPBUILDERS LIMITED
(Office Seal)

For & on behalf of Bidder/Contractor
(Office Seal)



- (4) same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/Contractor(s)/Subcontractor(s) with confidentiality.
- (5) The Principal/Buyer shall provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations, between the Principal/Buyer and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
- (6) As soon as the Monitor notices, or believes to notice, a violation of this agreement, he shall so inform the Management of the Principal/Buyer and request the Management to discontinue or take corrective action, or to take other relevant action. The Monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action. However, the Monitor shall give an opportunity to the Bidder(s)/Contractor(s) to present its case before making its recommendation to the Principal/Buyer.
- (7) The Monitor shall submit a written report to the Chairman & Managing Director of the Principal within 8 to 10 weeks from the date of reference or intimation to him by the Principal/Buyer and, should the occasion arise, submit proposals for correcting problematic situations.
- (8) Monitor shall be entitle to compensation on the same terms as being extended to / provided to Independent Directors on the Board of Principal/Buyer.
- (9) If the Monitor has reported to the Chairman & Managing Director of the Principal, a substantiated suspicion of an offence under relevant Anti Corruption Laws of India and the Chairman & Managing Director of the Principal/Principal/Buyer has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.
- (10) The word 'Monitor' would include both singular and plural.

Section 9 - Pact Duration:

This pact begins when both parties have legally signed it. It expires for the Contractor **12 months** after the last payment under the contract and for all other Bidders **06** months after the contract has been awarded.

If any claim is made / lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above unless it is discharged / determined by Chairman & Managing Director of the Principal/Buyer.

Section 10 - Other provisions:

- (1) This agreement is subject to Indian Law, place of performance and jurisdiction is the

For & on behalf of
MAZAGON DOCK SHIPBUILDERS LIMITED
(Office Seal)

For & on behalf of Bidder/Contractor
(Office Seal)



- (2) Registered Office of the Principal/Buyer, i.e. Mumbai. The Arbitration clauses provided in the main tender document/ contract shall not be applicable for any issue/dispute arising under this Integrity pact.
- (3) Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
- (4) Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties shall strive to come to an agreement to their original intentions.

For & on behalf of
MAZAGON DOCK SHIPBUILDERS
LIMITED
(Office Seal)
Place _____
Date _____

For & on behalf of Bidder/Contractor
(Office Seal)

Witness 1:
(Name & Address)

Witness 1:
(Name & Address)



MDL Tender No. 1900000181

Enclosure-14**RTGS/NEFT/ECS – MANDATE AUTHORISATION FORM**

1.	NAME OF THE FIRM	:	
2.	CONTACT PERSON AND DESIGNATION	:	
3.	PAN NO	:	
4.	VENDOR ADDRESS	:	
5.	VENDOR'S TELEPHONE/FAX	:	
6.	E-MAIL ADRESS	:	
7.	BANK NAME	:	
8.	BANK ADDRESS	:	
9.	ACCOUNT NUMBER	:	
10.	ACCOUNT TYPE	:	
11.	IFSC CODE	:	
12.	MICR CODE	:	
13.	GST ID 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-15****PROFORMA BANK GUARANTEE FOR BID BOND / EMD**

(On Non-Judicial stamp paper of value ₹100/-)

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-16****PROFORMA FOR PERFORMANCE BANK GUARANTEE**

(On Non-Judicial stamp paper of value ₹100/-)

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 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-fulfillment 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 fulfill the said order in terms thereof or committed breach of any terms and conditions of the order and the extent of loss, damage, cost, charges and expenses suffered or incurred or would be suffered or incurred by the Company on account thereof and we waive in the favour of the Company all the rights and 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-17****PROFORMA FOR WATERPROOFING BANK GUARANTEE**

(On Non-Judicial stamp paper)

IN CONSIDERATION OF MAZAGON DOCK SHIPBUILDERS LIMITED, a company incorporated under the Companies Act 1956 and having its registered office at Dockyard Road, Mumbai 400010(hereinafter referred to as the "the Company" which expression shall, unless it be repugnant or contrary to the subject or context thereof, be deemed to mean and include its successors, liquidators and assigns) having placed an order on Messers a partnership firm/sole proprietor business/a company registered under the Companies Act, 1956 having its office at(hereinafter called " the Contractors" which expression shall, unless it be repugnant or contrary to the subject or context thereof, be deemed to mean and include its successors and assigns) vide order No..... dated..... (Hereinafter called "the order" which expression shall include any amendments/alterations to "the order" issued by "the Purchaser") for the work of _____ as stated in the said Order and the Company having agreed that the Contractors shall furnish a security for the performance of the Contractors obligations and/or discharge of the Contractors liability in connection with the waterproofing work(s) executed under the said order and the Company having agreed with the Contractors to accept a waterproofing bank 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) 10% of the total value of waterproofing work(s) in the order against any loss or damage, costs, charges and expenses caused to or suffered by the Company by reason of any defects in waterproofing work done by the Contractor, as per the terms and conditions of the said order.

1. We, (Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for satisfactory performance and fulfilment in all respects of the said contract, which consists of 05 years after satisfactory completion of the waterproofing work as per terms and conditions of the said order.
2. We, Bank further agree that the Company shall be sole judge whether the said Contractors has failed to perform or 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 Contractors or any suit or other legal proceedings including arbitration pending before any court, tribunal or arbitrator relating thereto, our liability under this guarantee being absolute and unconditional.
4. We, Bank further agree with the Company that the Company shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said order/or to extend time of performance by the Contractors from time to time or to postpone for any time to time any of the powers exercisable by the Company against the Contractors and to forbear to enforce any of the terms and conditions relating to the order and we shall not be relieved from our liability by reason of any such variation or extension being granted to the Contractors or



for any forbearance, act or omission on the part of the Company or any indulgence by the Company to the Contractors or by any such matter or things whatsoever which under the law relating to sureties would have the effect of relieving us.

5. We, Bank further undertake not to revoke this guarantee during its currency except with the previous consent of the Company in writing.
6. We,Bank also agree that the Bank's liability under this guarantee shall not be affected by any change in the constitution of the Contractors.
7. Notwithstanding anything contained herein above:
 - i) Our liability under this guarantee shall not exceed Rs.....
 - ii) This Bank Guarantee shall be valid up to 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-18****PROFORMA FOR BANK GUARANTEE AGAINST WATER LEAKAGE**
(NOT APPLICABLE FOR THIS TENDER)

(On Non-Judicial stamp paper)

IN CONSIDERATION OF MAZAGON DOCK LIMITED, a company incorporated under the Companies Act 1956 and having its registered office at Dockyard Road, Mumbai 400010(hereinafter referred to as the "the Company" which expression shall, unless it be repugnant or contrary to the subject or context thereof, be deemed to mean and include its successors, liquidators and assigns) having placed an order on Messers a partnership firm/sole proprietor business/a company registered under the Companies Act, 1956 having its office at(hereinafter called " the Contractors" which expression shall, unless it be repugnant or contrary to the subject or context thereof, be deemed to mean and include its successors and assigns) vide order No..... dated..... (Hereinafter called "the order" which expression shall include any amendments/alterations to "the order" issued by "the Purchaser") for the work of _____ as stated in the said Order and the Company having agreed that the Contractors shall furnish a security for the performance of the Contractors obligations and/or discharge of the Contractors liability in connection with the roof sheeting/ cladding work(s) executed under the said order and the Company having agreed with the Contractors to accept a bank guarantee against water leakage, We, Bank having office at (Hereinafter referred to as "the Bank" which expression shall 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) 10% of the total value of **roof sheeting/ cladding work(s)** in the order against any loss or damage, costs, charges and expenses caused to or suffered by the Company by reason of any defects in **roof sheeting/cladding work(s) leading to water leakage** by the Contractor, as per the terms and conditions of the said order.

1. We, (Bank) further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for satisfactory performance and fulfilment in all respects of the said contract, which consists of 05 years after satisfactory completion of the **roof sheeting/ cladding work** as per terms and conditions of the said order.
2. We, Bank further agree that the Company shall be sole judge whether the said Contractors has failed to perform or 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 Contractors or any suit or other legal proceedings including arbitration pending before any court, tribunal or arbitrator relating thereto, our liability under this guarantee being absolute and unconditional.



4. We, Bank further agree with the Company that the Company shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said order/or to extend time of performance by the Contractors from time to time or to postpone for any time to time any of the powers exercisable by the Company against the Contractors and to forbear to enforce any of the terms and conditions relating to the order and we shall not be relieved from our liability by reason of any such variation or extension being granted to the Contractors or for any forbearance, act or omission on the part of the Company or any indulgence by the Company to the Contractors or by any such matter or things whatsoever which under the law relating to sureties would have the effect of relieving us.
5. We, Bank further undertake not to revoke this guarantee during its currency except with the previous consent of the Company in writing.
6. We,Bank also agree that the Bank's liability under this guarantee shall not be affected by any change in the constitution of the Contractors.
7. Notwithstanding anything contained herein above:
 - i) Our liability under this guarantee shall not exceed Rs.....
 - ii) This Bank Guarantee shall be valid up to 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-19**

PRICE BID (PART-II)
BILL OF QUANTITIES
(To be submitted online)

Sub: Modernization of Guest House/Flat No. 304, Angre House, Residential Area, Mazzanine floor West Block, Vigilance Dept. & HVAC area 1st floor, West Block, NY, MDL, Mumbai.

Ref: MDL Tender No.1900000181

S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
(I)	PART (I): Modernization of Guest House/Flat No. 304, Angre House				
A	CIVIL WORKS				
	Dismantling of Existing				
1	Demolishing brick work in cement mortar manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material to Municipal dumping ground as per direction of Engineer-in-charge.	Cu.m	0.50	2567.63	1,283.82
2	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed,glazing and false ceiling including disposal of unserviceable material to Muncipal dumping ground and stacking of serviceable material in respective storage bins in MDL or 50 meters lead as directed by Engineer-in-charge.	sqm	13.00	50.48	656.24
3	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking in designated MDLs Wood/Steel scrap bins: Of area up to 3 sq. metres.	Nos	9.00	328.84	2,959.56
4	Dismantling carefully floor & wall tile work laid in cement mortar & carting away the same outside MDL to Municipal dumpig yard complete.				-
4.1	For tile thickness upto 25mm	sqm	155.00	65.72	10,186.60
5	Dismantling carefully existing G.I pipeline of any dia along with all its fittings viz. bib cock, collars, elbow etc and stacking at site.	Rm	70.00	24.28	1,699.60
6	Removing existing water proofing treatment from the toilet block including IPS/brickbat coba etc. without damages to structure, levelling and cleaning the surface for providing new specified water proofing treatment & carting away the same outside MDL to Municipal dumpig yard complete as directed by Engineer Incharge.	Cu.m	3.00	2778.65	8,335.95



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
7	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to approved Muncipal dumping ground etc. complete.	sqm	489.00	70.61	34,528.29
8	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	Nos	2.00	808.90	1,617.80
9	Dismantling W.C. Pan of all sizes including disposal of dismantled materials i/c malba all complete as per directions of Engineer-in-Charge.	each	2.00	120.26	240.52
10	Removing carefully existing with frame including disconnecting the sanitary and water supply connections, removing/Dismantling the same, lowering down, taking and disposing off unserviceable material outside MDL premises etc. all completedismantled/removed material out of MDL premises - Wash Basin	No	2.00	94.50	189.00
11	Dismantling of Steel works : Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding or GI Ducts etc. including dismembering and stacking within MDL MS Scrap bin etc. complete.	Kg	250.00	5.05	1,262.50
12	Disposal of building debris, rubbish, malba, excess exavated earth, similar unserviceable, dismantled or waste materials by manual, mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, for all leads including all lifts involved. etc. complete	Cu M	15.00	722.51	10,837.65
RESTORATIVE REPAIR WORK					-
13	Exposing existing old and worn out RCC column, beams and slabs etc upto main reinforcement carefully by means of chisel and hammer including necessary scaffolding including carting away the material outside MDL premises to the municipal dumping ground etc complete as directed. (Surface area exposed after final chipping chiseling etc will only be measured and paid for)	Sqm	108.00	125.76	13,582.08
14	Providing and applying two coats of Rust preventive coating of IPNET-RB of Krishna Conchem or equivalent approved make after cleaning the existing surface from dust/ loose particles by applying air pressure etc complete as directed by Engineer In-charge.	Lit	18.00	318.74	5,737.32



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
15	Removing existing corrosion in MS/ torsteel bars by means of suitable light tapping wire brushing and applying rusticide rust converter of "Feovert" of Krishna conchem or equivalent approved make etc complete.	Lit.	18.00	136.64	2,459.52
16	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 in ratio of 1 (Polymer) :1 (Cement) by weight including cleaning of surface with air under pressure, and subsequent layer upto 10mm after hardening curing etc. all complete.(Polymer manufactured by of Krishna Conchem, sunanda, pidilite, fosroc, acro- chem, build core or equivalent) all complete as approved & as directed by Engineer.	Kg	5669.00	39.45	2,23,642.05
17	Providing & laying Polycrete "A" of M/s. Sunanda or equivalent approved make using 12.5%of water by weight of polycrete mix over a bond coat of approved make in the ratio of 1 polymer : 1cement, curing etc;all complete at any location / Height	Kg	120.00	34.46	4,135.20
18	Providing Brick masonry with conventional / IS type/1st class bricks one brick thick including scaffolding, waterring, racking out joints etc. complete in superstructure above plinth level up to floor V level including scaffolding, curing, Cement mortar 1:4 (1 cement :4 coarse sand) etc. as directed by Engg-in-Charge.	Sqm.	10.00	1105.96	11,059.60
19	Providing Brick masonry with conventional / IS type/1st class bricks of grater than one brick thickness including scaffolding, waterring, racking out joints etc. complete 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) etc. complete as directed by Engg-in-Charge.	Cu M	3.00	9247.16	27,741.48
20	Providing internal cement plaster 12mm thick in single coat in cement mortar 1:4 to concrete or brick surfaces, in all position including scaffolding and curing etc.complete.	Sq M	489.00	392.50	1,91,932.50
21	Providing and applying 20 mm thick waterproof cement plaster(1:4) in two coats for external surface mixed with approved waterproofing material as per manufacturer specification, curing etc; upto 10m height etc. all complete as directed.	Sq M	50.00	436.88	21,844.00
22	"Providing & laying water proofing	Sq M	1.00	1874.57	



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	treatment to the toilet flooring by giving injections with cement solution mixed with waterproofing compound into the floor slab so as to make it consistent, homogenous and impervious against leakage, seepage etc. The sunk portion shall then be covered with necessary brick bat waterproof coba in C.M.(1:5) of 100mm average thickness in required slope mixed with approved waterproofing compound as per manufacturer's specifications finished rough with jointless waterproof cement plaster in C.M.(1:3) 12mm to 15mm thk in all positions extending the water proofing upto 300 mm height, curing, leakage test after impounding the water for 7 days, etc. complete with 5 years guarantee etc.(Measurement in plan area).				1,874.57
23	Extra for providing additional thickness of brick bats over average thickness of 100mm in 1:5 cement mortar mixed with waterproofing compound of approved make as per manufacturers specification as directed	Cu M	0.20	5358.56	1,071.71
24	Providing and erecting 600 mm deep Pantry counter in shape and design as directed. With approved 20mm thk granite top of approved shade, including 18MM cement mortar and LOCAL marble base, with LOCAL marble verticals and shelves as indicated, making cut-outs for sink, plumbing fixtures, gas cylinder pipes, etc, cost to include for all granite vertical patties, facias, splash - back patties, granite skirting etc. Polishing including edge polishing, washing, cleaning, and finishing the wall surface below the counter with 200mm x 200mm ceramic white colour tile including necessary cement mortar backing complete details as directed. running length of counters to be measured along their centre lines and paid for. (Basic cost of granite Rs.2108/- Sq.mt.)	Rmt.	4.00	6028.43	24,113.72
25	Providing and fixing Teakwood frames of size 25mm x 40mm with Shutters to pantry counters made out of 19mm Marine Plywood finished with 1mm approved laminate on both sides, melamime polish to all wood surface to match the shutter as per drawings and directed etc. complete.	Sq M	5.00	5776.80	28,884.00
26	Providing and applying plaster of paris putty of upto 10mm thickness over plastered surface to prepare the surface even and smooth complete.	Sq M	344.00	294.77	1,01,400.88
27	Providing and Fixing Granite of 18mm thick gang saw cut mirror polished	Sq M	15.00	5083.44	76,251.60



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	premoulded and prepolished machine cut for kitchen platforms, vanity counters, window sills, facias 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. rea of slab up to 0.5 Sqm. Basic Rate of Granite-2124 per Sq M				
b	Providing and Fixing Granite of 18mm thick gang saw cut mirror polished premoulded and prepolished machine cut for kitchen platforms, vanity counters, window sills, facias 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. Area of slab above 0.5 Sqm. Basic Rate of Granite-2124 per Sq M	M2	24.00	4807.50	1,15,380.00
28	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, dado over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete. Size of Tiles 600x 600mm (Basic rate of tile = Rs 1033)	Sq M	18.00	1910.93	34,396.74
29	Providing and laying vitrified floor tiles, cladding, skirting in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), cladding fixed with approved adhesive, including grouting the joints with white cement and matching pigments etc., complete. (Basic Rate of Vitrified tile of Rs. 1897/- Sq.mt.)Size of Tile 1000x1000 mm	Sq M	92.00	2372.51	2,18,270.92
30	Providing Protecting layer of Plaster of Paris minimum 12 mm thick over plastic polyethylene sheet of 1mm on	Sq M	92.00	120.30	11,067.60



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	new vitrified flooring work to avoid damage, wear & tear while shifting steel furniture, cupboards etc on new flooring work etc completed.				
31	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, roller, handle, etc. all complete as per architectural drawings and the directions of Engineer-in-charge.				-
31.1	For Fixed Portion -Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	Kg	25.00	471.42	11,785.50
31.2	For Shutter Portion-Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	Kg	25.00	577.72	14,443.00
32	P & F Float glass panes for Window, partition etc. 5.0 mm thick glass panes (weight not less than 12.50 kg/sqm). Etc. complete.	Sq M	8.00	2423.88	19,391.04
33	Sound proof double glass unit 26 mm- Supply & fixing in position at all floors anodised of approved shade and colour finished aluminium work for windows, ventilators, louvers with extruded built up standard sections of Jindal / Aluminax / Hindalco conforming IS: 733 & IS: 1285 fixing with dash fasteners of required size, including filling up the gaps at junctions i.e. top, bottom & sides with required EPDM rubber / neoprene / polysulphide sealant etc. Aluminium section shall be smooth, rust free, straight and jointed mechanically wherever required, including cleat angle, aluminium snap beading for glazing / paneling, stainless steel screws, IMEX Hinges, Wolf-pile all complete as per drawings & manufacturers specification and as directed by Engineer-in-charge. Providing and fixing glass panels in windows at all location and heights of following thickness etc. all complete as per	Sq M	18.00	10970.80	1,97,474.40



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	drawings & specification and as directed by EIC (Mode of measurement :-Dimension in length and width of exposed finished surface of glass panel shall be measured sq.m nearest to 0.01) -26 mm thick (nominal) sound proof double glass unit with two glasses sealed with primary sealent by using Butyl sealent and secondary sealent by using silicon sealent comprising of the two glass panes of saint Gobain or equivalent make of 6mm thick SKN 165 + 8mm clear HS and separated by a gap of 12 mm by aluminium spacer are filled with Desicant which absorb moisture present in the air within the unit. The air between the glass is dry which enables lesser heat transfer into the building, bearing, lock, EPDM, woolf-pile. Contractor shall submit shop drawings for the same for approval of Architect etc.complete as directed				
34	Providing and applying Bonding coat between concrete members like RCC slabs, columns, beams, Chajjas, pardis etc and cement mortar plaster using HACK AID PLAST of M/s. Sunanda Speciality Coatings Pvt. Ltd. or equivalent as per the instructions of manufacturer or Engineer Incharge; including cleaning the concrete surface thoroughly to remove dust, dirt, grime, deshuttering oils and rub down to a clean surface at all heights/ levels and locations and as directed by Engineer Incharge.	Sq M	25.00	59.77	1,494.25
35	Door Frame: To have 100mm x 75mm teak wood door frame and melamine polished to match the shutter . Providing and fixing of factory finish hardwood door frame of size 2150mmx900mm with necessary hardware such as anchor fasteners (6 nos) and the back side of the frame shall be painted with black japan paint and the front side of frame finished with melamine polish matching with the shutter laminate as approved by Engineer Incharge etc. complete	No	5.00	4185.54	20,927.70
36	Providing & fixing in position 40 mm thk solid core approved brand flush door, finished with 1.5mm thick approved laminate from both side,40X12mm T W beading all around the shutter,Hardware:-SS Matt finish mortice handle with EPC, key from outside & thumb turn from inside- Hafele Startec 903.92.556 (for door thickness upto 50mm) with mortise cylinder lockcase, 55mm backset, 72mm centre distance, 24mmsquare forend, SS matt -Hafele	Sq M	10.00	19448.73	1,94,487.30



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	911.02.164 and Euro profile toilet cylinder (no key) thumb turn inside /emergency release outside, 35.5+35.5 = 71mm, matt nickel - Hafele 916.96.416, Dorma BB 4330 Butt Hinge 4 X 3 X 3 mm. - 4 nos.,Door closer - Dorma ITS 96 EN 2-4 etc. complete as per drawing as directed. (Basic rate of Laminate of Rs. 500/- Sq.mt.)				
37	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 widthfrom 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	No	5.00	919.85	4,599.25
38	Providing and installing Low height storage unit 450mm deep and 1200 mm high having 2 nos. of shelves with post form top & shutters using 25mm thick marine ply vertical, horizontal, top, bottom back and shutters (For partitions and shelves) with 1.5mm thick laminate for all external surfaces & 1mm thick laminate finish for all internal surfaces including both sides, all the edges finished with PVC edge band, openable shutters with all fixtures, fitting, hinges, handles, ball catches and locks etc. complete as per drawing.as directed. (Basic Rate of Laminate of Rs. 682/-Sq.mt)	Sq M	5.00	11756.71	58,783.55
39	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at	Sq M	132.00	1269.67	1,67,596.44



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws@ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with : --12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095- Part I (Basic rate of Gypsum board - Rs.760.00 Sqmt)				
40	Providing and pasting 3M or equivalent approved make frosted film on glazed portion of doors and partitions at locations as per detailed architectural drawing and as directed by engineer in charge.	Sq M	18.00	848.11	15,265.98
41	Providing & fixing of signages for various sizes and shapes using brushed stainless steel of min.18 guage thk brush steel finish including engraving/etching of letters of reqd sizes filled with colours as per approved design and as per requirement & to be fixed with ss screws on wall. per requirement / instructuin etc. all complete as approved & as directed by Engineer. (SS GRADE 316)	Sq M	1.00	53886.00	53,886.00
42	P & F Curtains with Fixing arragemet as per approved Brand by Engineer Incharge etc. complete. Bsaic Cost of Curtain Rs 4473/- Sq M	Sqm	13.00	5228.82	67,974.66
43	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer	Sq M	136.00	76.05	10,342.80
44	Providing and Applying 3 coats of Acrylic emulsion paint Asian paints/ equivalent on false ceiling, wall etc. as per design and approved shade by the Architect. Cost to include preparing the surface, applying primer, putty, etc. complete. All jambs,	Sq M	132.00	217.60	28,723.20



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	trims, edges, grooves to be included in SQ.M rate. No seperate measurement on R.M.				
45	Providing and Applying 3 coats of luster paint Asian paints/ equivalent on wall and partitions as per design and approved shade by the Architect. Cost to include preparing the surface, applying primer, putty, etc. complete.including all jambs, trims, edges, grooves to be included in SQ.M rate. No seperate measurement on R.M.	Sq M	325.00	216.33	70,307.25
46	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade of approved make (Two or more coats applied@ 1.43 ltr/ 10 sqm. over and including priming coat of exterior primer applied@ 2.20 kg/ 10 sqm).	Sq M	50.00	109.46	5,473.00
47	Providing and applying Oikos or equivalent make internal textured paint of approved shade and colour etc. complete.	Sq M	15.00	2057.41	30,861.15
48	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.	Sq M	10.00	207.93	2,079.30
49	Providing and fixing in position Stainless steel kitchen sink without drain board A ISI 304 (18/8) as per IS 13983 610mm x 510mm depth 200mm with cast iron brackets and stainless steel plug 40mm including painting of fittings and brackets, including cutting and making good the walls, making inlet and outlet connections etc. complete as directed.	No	1.00	4386.03	4,386.03
50	Providing & fixing Clarion Quarter turn Sink cock CQT-23347 of 'Jaquar' make etc. complete as directed	No	1.00	1146.01	1,146.01
51	Providing & fixing PVC Nahni trap of 75mm dia diameter, with necessary distance piece of 75mm dia pipe and 150x150mm SS grating, making necessary SLAB /WALLholes and cutting walls, etc complete. (Supreme/ Finolex/ Prince/ Astral Makes)	No	6.00	593.76	3,562.56
52	Providing and fixing mirror panelling with 25X40X1.5mm aluminium box section@ 600X600mm C/C @ horizontal & vertically, 8mm thick marine plywood fixed on aluminium framework, & 6mm thick mirror of approved make, including all hardware etc. complete as per drawing or as directed.	Sq M	8.00	3713.70	29,709.60



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
53	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes of Astral or equivalent , having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with onestep CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls				-
53.1	15 mm nominal dia Pipes	Rmt	42.00	479.25	20,128.50
53.2	20 mm nominal dia Pipes	Rmt	17.00	558.10	9,487.70
53.3	25 mm nominal dia Pipes	Rmt	7.00	680.11	4,760.77
54	Providing & fixing PVC waste pipe for sink/wash basin including PVC waste fittings complete. -40mm dia semi rigid pipe (Wash Basin/Sink/Urinal)	Rmt	13.00	110.43	1,435.59
55	Providing & fixing PVC soil / Waste water pipes having wall thickness of 3.2 to 3.8mm conforming to I.S.13592-1992 including PVC plug bend, necessary fittings such as bend, tees, single junction, double junction, slotted vent offsets on walls or in the ground including fixing the pipe on wall using approved wooden cleats projecting 25mm to 40mm from face of wall and fixing with clips of approved quality and number, filling the joints using rubber gasket with solvent cement including necessary scaffolding and maintenance for 3 years for any leakages or dislocation of pipes.				-
55.1	110 mm dia. PVC pipe. (Prince or equivalent)	Mtrs.	13.00	448.37	5,828.81
55.2	75 mm dia. PVC pipe. (Prince or equivalent)	Mtrs.	15.00	351.98	5,279.70
56	Supply and Installation of 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 fasteners for fixing of Brackets, Including cutting, hoisting, fixing in position and applying a priming one coat of approved steel primer and two coats of approved enamel paint all etc. complete.	Kg.	250.00	130.85	32,712.50
57	P & F Water Purifier Eureka Forbes Dr. Aquaguard or equivalent.	No	1.00	18043.50	18,043.50
58	Providing and installing full ht. wardrobe unit of 2040mm high, 1500 to 900mm wide X 600mm deep with 19mm	Sq M	8.00	26637.39	2,13,099.12



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	marine plywood top and 25mm thick shutters in approved wood with louvers/battens finished with melamine polish, shelves with veneer with imported PU coating finish on external surface & 1mm thick laminate for internal faces of approved shade with veneer beading to all corners and edges, 8mm thick marine plywood for back finished with 1mm thick laminate on both side, all hardware, fittings, hinges, handles, ball catches and locks including hanger rail of hafele make with light on top with light etc complete as per drawing.as directed.				
59	Bed - 2075X1850mm - Including framework, 25X25mm MS angle@ 500mm C/C @ Top & bottom,25X25mm thick TW member for support, 19+19mm thick marine plywood@ top & 12mm thick marine plywood@ sides finished with 4mm thick veneer with melamine polish/imported PU coating, 12mm thick marine plywood finished with 1mm thick laminate, 25mm thick PU foam finished with approved leatherette, 25X25mm MS cleat etc. complete as per drawing. (Basic rate of Veneer of Rs. 2000/-Sq.mt.)	No	2.00	73852.50	1,47,705.00
60	Bed side table with drawer - 450X500X135mm high fixed on bed headboard- 12mm thick marine plywood@ top, bottom & sides finished wnth 4mm thick veneer with melamine polish/imported PU coating, Drawer with 12mm thick marine plywood@ bottom & sides internal finished with approved 1mm thick laminate. etc. complete as per drawing. (Basic rate of Veneer of Rs. 2000/-Sq.mt.)	No	4.00	20362.06	81,448.24
61	Headboard - 3300X1050mm- Out of 50x50x1.5mm Aluminium Sections at approx. 406mm wide X 488mm high centre to centre vertically and horizontally with 19mm thick marine ply finished with 4mm thick veneer finished with imported PU coating etc. complete as per drawing. (Basic rate of Veneer of Rs. 2000/-Sq.mt.)	No	2.00	36935.40	73,870.80
62	Study desk with drawer - 1500X600X750mm with 19mm thick marine plywood@ top, bottom & sides finished wnth 4mm thick veneer with melamine polish/imported PU coating, Drawer with 12mm thick marine plywood@ bottom & sides internal finished with approved 1mm thick laminate. etc. complete as per drawing. (Basic rate of Veneer of Rs. 2000/-Sq.mt.)	No	2.00	24571.74	49,143.48



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
63	P & S Writing/Study Chairs as per approved Brand by Engineer Incharge etc. complete. Basic Cost Of Chair Rs. 6819/- per No	No	2.00	7970.79	15,941.58
64	Console - Providing and fixing 450/400mm wide marble console - Drawer - 12mm thick marine plywood finished with 1mm thick laminate@ back, top & sides, 19mm thick marine plywood with 4mm thick veneer with approved melamine polish@ front side. Top- 19+19mm thick marine plywood & 18mm thick Italian marble fixed on top with edge round. Shutters with 19mm thick marine plywood with 1mm thick laminate inside & 4mm thick veneer outside with TW beading etc. complete as per drawing. (Basic rate of veneer of Rs. 2000/- Sq.mt.)	Rmt.	1.80	21678.04	39,020.47
65	P & F 6- Seater Dinning table of size- 1.75 x 0.9 x 0.75 H made of Acacia Wood, finish- Natural on Wood, with venier finish and top polish coat with excellent durability and enhance the overall look as per approval etc. complete. Basic Cost Rs. 35,199.00 per No.	No	2.00	40479.00	80,958.00
66	P & F 6- Seater circular Dinning table made of rubber wood with venier finish and top polish coat with excellent durability and enhance the overall look. The pedestal base with its elegant work accentuates the look, as per approval etc. complete. Basic Cost Rs. 27,555.00 per No.	No	1.00	31689.00	31,689.00
67	P & F Dinning Table Cloth (Basic Cost Rs. 14,000.00 Per No) as per Engineer Incharge selection etc. complete.	No	3.00	16100.00	48,300.00
68	Providing & Fixing Shutter on framing made up of total 18mm ply with internal side white/similar laminate and shutter side decorative laminate (as per selection) with edge banding below Serving counter of Elevation A having dimensions of L 3700 x D 570 x H 780 with BLUM hinges and GRASS tandem drawers as per attached drawing	No			
	Providing & Fixing Shutter on framing made up of total 18mm ply with internal side white/similar laminate and shutter side decorative laminate (as per selection) with edge banding below Serving counter of Elevation B having dimensions of L 2900 x D 570 x H 780 with BLUM hinges and SS 304 wire baskets as per attached drawing	No			
	Providing & Fixing Modular Cabinets made up of total 18mm ply with internal side white/similar laminate and shutter side	No	1.00	554300.00	5,54,300.00



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	decorative laminate (as per selection) with edge banding above Serving counter of Elevation A having dimensions of L 1845 x D 320 x H 720 with BLUM hinges as per attached drawing				
	Providing & Fixing Modular Cabinets made up of total 18mm ply with internal side white/similar laminate and shutter side decorative laminate (as per selection) with edge banding above Serving counter of Elevation B having dimensions of L 2875 x D 320 x H 720 with BLUM hinges as per attached drawing	No			
	Providing & Fixing Modular Cabinets made up of total 18mm ply with internal side white/similar laminate and shutter side decorative laminate (as per selection) with edge banding above Wall cabinet level of Elevation A having dimensions of L 4593 x D 320 x H 555 with BLUM hinges and gas pumps as per attached drawing	No			
	Providing & Fixing Modular Cabinets made up of total 18mm ply with internal side white/similar laminate and shutter side decorative laminate (as per selection) with edge banding above Wall cabinet level of Elevation B having dimensions of L 3475 x D 320 x H 555 as per attached drawing	No			
	Providing & Fixing Modular Cabinets made up of total 18mm ply with internal side white/similar laminate and shutter side decorative laminate (as per selection) with edge banding besides platform level of Elevation B having dimensions of L 600 x D 570 x H 2150 with BLUM hinges as per attached drawing	No			
69	P & F FABER -Inbuilt Oven FBIO 83L 6F AF of Size-594×568×594 mm etc. complete as per manufacturers specifications.	No	1.00	74801.18	74,801.18
70	P & F Elica Chimney SMART Spot H6 BF LTW 90 Nero etc. complete as per manufacturers specifications.	No	2.00	47429.44	94,858.88
71	P & F FABER -Inbuilt Dishwasher FBID 8PR 14S of Size 845X598X600 mm etc. as per manufacturer specification.	No	1.00	80642.55	80,642.55
72	Providing and erecting 600 mm deep Pantry counter in shape and design as directed. With approved 20mm thk granite top of approved shade, including 18MM cement mortar and LOCAL marble base, with LOCAL marble verticals and shelves as indicated, making cut-outs for sink, plumbing fixtures, gas cylinder pipes, etc, cost to include for all granite vertical patties, facias, splash - back patties, granite skirting etc. Polishing including edge polishing, washing, cleaning, and finishing the wall surface below the	Rmt.	1.00	6028.43	6,028.43



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	counter with 200mm x 200mm ceramic white colour tile including necessary cement mortar backing complete details as directed. running length of counters to be measured along their centre lines and paid for. (Basic cost of granite Rs.2108/- Sq.mt.)				
73	Providing and fixing in position approved white vitreous china pedestal type water closet pan with ISI mark (EWC) (Parryware, Hindware or any other approved make & colour) with ISI marked white solid plastic seat and lid with all fittings and fixtures including cutting and making good the same, making inlet and outlet connections etc. complete including fittings / connectors ;complete as directed.	No	2.00	5140.39	10,280.78
74	Providing, Fixing, Testing and Commissioning of Flush Valve dual flow type with 32mm size. complete and as directed by Engineer Incharge.Make :Equivalent to Jaquar FLV-1089	No	2.00	3550.02	7,100.04
75	Providing, Fixing, Testing and Commissioning of 15 mm dia. two way bib cock with wall flange and ceramic disc cartridge complete , including cutting and making good the walls wherever required, making all necessary connections etc. All complete as per directions of the Engineer-in-charge. Make : Equivalent to Jaquar LYR-38041	No	2.00	2344.39	4,688.78
76	Providing, Fixing, Testing and Commissioning of Health Faucet with 1200 mm Long CP Braided Hoses including connectors, adapters, GI nuts, bolts, washers, check nuts,C.P. brass two in one bib tap including necessary sleeve flanges, cock , angle valves and all other fittings/ accessories required for satisfactory installation complete. Make :Equivalent to Jaquar ALD 565	No	2.00	1473.66	2,947.32
77	Providing & Fixing of Toilet Roll Holder Make : Equivalent to Jaquar AKB - 35753	No	2.00	1473.66	2,947.32
78	Providing and fixing Robe Hook two way in toilet of Jaquar make (code : AKB - 357614)	No	4.00	526.29	2,105.16
79	Providing & fixing Florentine Quarter turn Concealed Stop Cock, Size 15mm or 20mm Code FLR-5089 N of 'Jaquar' make etc. complete as directed	No	10.00	1066.06	10,660.60
80	Providing & fixing Clarion Quarter turn Piller Cock Long Neck Equivalent to make Jaquar- CQT-23021 etc. complete as directed	No	2.00	932.79	1,865.58
81	Providing & fixing Overhead Shower 105mm dia. Of Jaquar' make Code	No	2.00	2558.55	5,117.10



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	No.OHS-1709 etc all complete as directed.				
82	Providing and fixing JAQUAR QQT-7273UPR wall mixture with provision for Overhead Shower with 115mm long bend pipe on Upper Side,Connecting Legs & etc. complete as per the direction of Engineer In Charge	Each	2.00	5995.84	11,991.68
83	Poviding, Fixing, Testing and Commissioning of Bottle trap single piece complete and as directed by Engineer Incharge.. Make :Equivalent to Jaquar ALD :769b	No	2.00	1875.50	3,751.00
84	Poviding, Fixing, Testing and Commissioning of wall mounted wash basin. Make : Equivalent to Hindware-Windsor 10036	No	2.00	4018.92	8,037.84
85	Providing & fixing of new aprox. size 190 x 550 x 430 mm glazed vitreous earthenware Hand Wash Basin (Under - Counter Basin) of aproved Jaquar make code : FLS-WHT-0401 or equivalent approval by EIC- cutting counter top, drilling holes in the walls & making good the damages etc. all complete & as directed by Engineer.	No	1.00	3723.16	3,723.16
86	Poviding & Fixing of Soap Holder Make : Jaquar AKB - 35731 or equivalent approval by EIC.	No	3.00	937.80	2,813.40
87	Poviding & Fixing of Soap dispenser Make : Jaquar ACN-CHR-1135N or equivalent approval by EIC	No	2.00	1138.66	2,277.32
88	Poviding & Fixing of Towel rail Make : Jaquar ACN-CHR-1101N or equivalent approval by EIC	No	3.00	1339.65	4,018.95
89	Poviding & Fixing of Towel Holder Ring Make : Jaquar AKB-35721 or equivalent approval by EIC	No	4.00	1714.74	6,858.96
	Total Amount (Civil)				39,84,011.78
B	MECHANICAL				
1	Supply & delivery of wall mounted Inverter Split Air conditioner (5 Star rating) inclusive of Indoor Unit, Out door unit, including refrigerant gas (eco friendly), cordless remote controllers with batteries, power supply cable along with connecting pin & accessories etc. all complete as directed MDL Engineer. Note : Additional Anti Corrossive for ODU. Preferred Make: Daikin/Mitsubishi/Hitachi				
(a)	Minimum 1.5 TR Capacity	Nos	4	51,718.80	2,06,875.20
2	Supply & Installation of copper refrigerant piping of suitable diameter compatible with	Mtr	65	840.00	54,600.00



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	the refrigerant gas (eco friendly) & air conditioner model with insulation/nitrile rubber sleeves (19 mm thk), end connections with appropriate clamping / supporting arrangement, making holes in walls with core cutting, providing sleeves & 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: Copper tubing work would be measured in running meters in one direction along the length from indoor unit to outdoor unit considering suction & discharge tubing as one combined set. Suction & discharge piping are not considered seperately one from another for arriving at the BOQ quantity. For payment purpose 3 mtrs.of copper refrigerant piping per A.C unit will be deducted, since these are standard free supply with each A.C unit from Vendor/Manufacturer of A.C.				
3	Supply & Installation of suitable L-Shaped brackets duly painted (1set) with bush & fasteners for mounting outdoor unit as directed by MDL Engineer.				
(a)	Minimum 1.5 TR Capacity wall mounted Inverter Split AC	Nos	4	1,050.00	4,200.00
4	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 / washroom as directed by MDL Engineer, including looping. Preferred Make of UPVC PIPE - PRINCE / ASTRAL / SUPREME Preferred make of insulation - SUPERLON/K-FLEX/ARMACELL				
(a)	25 mm dia	Mtr	50	315.00	15,750.00
5	Supply & installation of 2.5 Sq mm 4 core Electrical cable for Inverter split AC (from indoor units to outdoor units) all complete as directed by MDL Engineer.	Mtr	65	99.75	6,483.75
6	Installation of Inverter Split Air conditioner inclusive of Indoor Unit, Out door unit, cordless remote controllers, power supply cable along with connecting pin, copper refrigerant piping with insulation/nitrile rubber sleeves (19 mm thk) complete with necessary electrical installation with wiring, drain piping accessories etc. & Purging with suitable gas for flushing before leak test, leak testing of copper				



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	pipng & first charge of pre-filled refrigerant gas (eco friendly) considering lengths of copper piping & A.C units capacity. Testing & Commissioning of Air conditioner complete unit inclusive of Indoor Unit, Out door unit, cordless remote controllers,accessories,, etc all complete as directed by MDL Engineer.				
(d)	Wall mounted Inverter Split Air conditioner minimum 1.5 TR Capacity	Nos	4	3,150.00	12,600.00
7	Supply, fabrication, fixing in postions with suitable GI angle supports GI perforated cable trays bolted type with all necessary bends, connectors etc. and fabricated using minium 14 gauges CRCA sheet. Further the rates shall also include supporting of these trays complete as required and as per final directions and final approval of MDL Engineer				
(a)	Size: 300mm Wide & 75mm Deep.	Mtr	20	420.00	8,400.00
(b)	Size: 300mm Wide & 75mm Deep with Cover (Inverted cable tray)	Mtr	20	1,050.00	21,000.00
8	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 MDL Engineer	Kg	80	157.50	12,600.00
	Total (Mechanical)				3,42,508.95
C	Electrical (POINT WIRING)				
1	Point wiring forlight/fan/bell /exhaust fan Hybrid type (Surface type under false ceiling and concealed type for drops & switch boards on walls) in min 20 mm PVC conduit / casing n caping with 1.5 sq.mm. (2+1E) FR grade copper wires, modular type switch, earthing and required accessories as per specification No: WG-PW/CW	Point s	30	517.48	15,524.40
2	Secondary Point wiring foradditional light/ Bell point, concealed type in min 20 mm PVC conduit with 1.5 sq.mm. (2+1E) FR/FRLS grade copper wires with required accessories as per specification No: WG-PW/CW	Point s	20	187.69	3,753.80
3	Supplying & erecting mains with2x1.5 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 (For 2-way Light / Fan wiring)	Metre	200	60.44	12,088.00
4	Supplying & erecting mains with 2x2.5	Metre	150	64.68	9,702.00



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	sq.mm F.R.L.S copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WG-MA/BW				
5	Supplying & erecting mains with 2x4 sq.mm F.R.L.S copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WG-MA/BW	Metre	150	88.01	13,201.50
6	Supplying & erecting mains with 2x6 sq.mm F.R.L.S copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WG-MA/BW	Metre	50	114.52	5,726.00
7	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.	Metre	200	95.44	19,088.00
8	Supplying and erecting PVC trunking (PVC casing-n-capping) of size 20 mm with accessories on wall/ceiling as per specification No:	Metre	150	38.17	5,725.50
9	Supplying & erecting HMS P.V.C. conduit 25 mm. dia. With necessary accessories in wall/floor with chiselling appropriately as per specification No: WG-MA/CC.	Metre	100	118.77	11,877.00
10	Supplying and erecting modular type blanking plate one module ISI mark approved make duly erected on provided plate & box	Nos	10	20.15	201.50
11	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 1 module duly erected flush to wall with required chiseling and finishing with cement mortar / POP as per required to match the background in an approved manner.	Nos	10	216.32	2,163.20
12	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 2 module duly erected flush to wall with required chiselling and finishing with cement mortar / POP as per required to match the background in an approved manner.	Nos	15	217.38	3,260.70
13	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 3 module duly erected flush to wall with required chiselling and finishing with cement mortar / POP as per required to match the background in an approved manner.	Nos	20	244.95	4,899.00
14	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 4 module duly erected flush to wall with required	Nos	20	266.16	5,323.20



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	chiselling and finishing with cement mortar / POP as per required to match the background in an approved manner.				
15	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 6 module duly erected flush to wall with required chiselling and finishing with cement mortar / POP as per required to match the background in an approved manner.	Nos	20	319.18	6,383.60
16	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 8 module duly erected flush to wall with required chiselling and finishing with cement mortar / POP as per required to match the background in an approved manner.	Nos	10	397.65	3,976.50
17	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 12 module duly erected flush to wall with required chiselling and finishing with cement mortar / POP as per required to match the background in an approved manner.	Nos	5	504.75	2,523.75
18	Supplying and erecting modular type switch 6A / 10A ISI mark approved make duly erected on provided plate and box with wiring connections complete.	Nos	50	74.23	3,711.50
19	Supplying and erecting modular type switch 16A ISI mark approved make duly erected on provided plate and box with wiring connections complete.	Nos	10	99.68	996.80
20	Supplying and erecting modular type electronic step regulator for fan two module ISI mark approved make duly erected on provided plate and box with wiring connections complete.	Nos	4	390.23	1,560.92
21	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.	Nos	20	119.83	2,396.60
22	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.	Nos	10	176.03	1,760.30
23	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/ G.I. frame.	Nos	5	792.12	3,960.60
24	Supplying & erecting original 1.25 mm CRCA sheet metal enclosures with 30 A, 3 pin plug with earth socket and 40 A 3 pin plug top with 30 A. triple pole MCB complete erected on angle iron/ G.I. frame.	Nos	6	1731.64	10,389.84



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
25	Supplying and erecting storage / pressure type Horizontal / vertical water heater 25 Liters of mild steel body, on wall / loft as per specification No. AP-WH/STWH	Nos	2	7717.62	15,435.24
26	Supplying and erecting modular type Two way switch 6A /10A (2 Module) ISI mark, approved make, duly erected on provided plate and box with wiring connections complete.	Nos	6	108.16	648.96
27	Supplying and erecting regular/ standard model ceiling fan of 1400mm. sweep complete erected in position as per specification no. FG-FN/CF	Nos	4	2118.69	8,474.76
28	Supplying and erecting fresh air cum exhaust fan of light duty 250 V A.C. 50 cycles 300mm. 1400 RPM rust proof body & blades, wire mesh, duly erected in an approved manner.	Nos	3	1427.3	4,281.90
29	Supplying and erecting LED square / circular 16 to 20W down lighter having pressure die-cast aluminium housing, opal translucent cover, mounting arrangement with board for surface type or spring loaded mounting clips for flush type complete.	Nos	35	1358.38	47,543.30
30	Supplying and erecting LED square / circular 5 to 8W downlighter having pressure die-cast aluminium housing, opal translucent cover, mounting arrangement with board for surface type or spring loaded mounting clips for flush type complete.	Nos	16	738.04	11,808.64
31	Supplying and erecting corridor/passage light fitting (2 feet) including 9W LED lamp, comprises of extruded channel in plastic silver grey colour & with same plastic end cap on provided PVC block / wooden board.	Nos	3	552.47	1,657.41
32	Track Spot Light	Nos.	4	171.39	685.56
33	Picture Wall light	Nos	6	2259.44	13,556.64
34	Integral type LED lamp 5W-8W	Nos.	10	223.94	2,239.40
35	Led light wardrob rail	Nos.	4	1488.58	5,954.32
36	LED flexible strip light	Meter	50	2207.92	1,10,396.00
37	Remote Call bell	Nos.	3	1674.66	5,023.98
38	Rodent repellent Transducer	Nos	4	1271.49	5,085.96
39	Rodent repellent controller	Nos	1	24534.34	24,534.34
40	Supply ,testing and commissioning of HDMI connectores at both end with all necessary accessories.	Nos	6	4550.38	27,302.28
41	Supply ,testing and commissioning of HDMI Sockets with Modular plate & box and connectors at both end with all	Set	3	4550.38	13,651.14



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	necessary accessories.				
42	Supply, Laying. connection, testing and commissioning of RG6 TV Cable from splitter to TV point with 25 mm MMS PVC conduit.	Mtr	30	82.88	2,486.40
43	Supplying and erecting storage / pressure type horizontal / vertical water heater 25 litres with BEE 5 star rating of mild steel body, on wall / loft complete duly tested and marking sr. no. and date of erection. specification no. AP-WH/STWH	Nos	2	7714.68	15,429.36
44	Supplying & erecting triple pole and neutral distribution board (TPNDB) with door surface/ flush mounted SP / TP MCBs of 12 poles/4 ways, on iron/ GI frame (vertical busbar type) as per specification no. SW-SWR/MCBDB	Nos	4	4808.16	19,232.64
45	Supplying, erecting & marking FPMCB 40A to 63A in provided distribution board as per specification no. SW-SWR/MCB	Nos	1	1376.4	1,376.40
46	Providing, erecting and commissioning 4 pole RCCB only of electromagnetic type with 30/100/300 mA sensitivity and having capacity of 40A complete as per specification no. SW-RCCB/RCCB	Nos	1	2646.77	2,646.77
47	Supplying, erecting & marking TPMCB 40A to 63A in provided distribution board as per specification no. SW-SWR/MCB	Nos	6	1036.01	6,216.06
48	Supplying, erecting & marking SPMCB 6A to 32A, B-series (for lighting) in provided distribution board as per specification no. SW-SWR/MCB	Nos	20	173.91	3,478.20
49	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/ G.I. frame. (For Air curtain in Kitchen)	Nos	4	792.12	3,168.48
50	Supplying, erecting & terminating PVC armoured cable 3½ core 35 sq mm aluminium conductor with continuous 5.48sq 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/AL	Metre	100	279.95	27,995.00
51	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(LPDB1)	Metre	200	376.44	75,288.00
52	Supplying and erecting PVC insulated PVC round sheathed 1.5 m sq.mm (30 no. x	Metre	200	60.44	12,088.00



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	0.25 mm dia.) 3 core flexible multi stranded copper				
53	Providing & erecting Hot dipped Galvanised cover suitable for perforated type Cable tray manufactured from 18 swg (1.2 mm thick) GI sheet of 150 mm width & 20 mm height complete with necessary hardware in approved manner.	Meter	40	285.25	11,410.00
54	Supplying and erecting G. I. Earth Wire of high purity of different sizes used for earthing or any other purposes on wall with necessary G. I. Clamps fixed on wall/cable/ conduit with screws in an approved manner.	Kg	10	158	1,580.00
55	Supplying & erecting telephone copper cable 10 pair with 0.5 m mm dia. laid in provided PVC casing capping / conduit as per specification No. WG-TW	Mtr.	50	78.47	3,923.50
56	Supplying & erecting telephone copper cable 2 pair with 0.5 m mm dia. laid in provided PVC casing capping/ conduit as per specification No. WG-TW	Mtr.	100	24.39	2,439.00
57	Supplying, erecting & commissioning junction box suitable for Each 10 pairs as per specification No. WG-TW	Nos.	1	692.44	692.44
58	Supplying & erecting I.S.I. mark Rigid P.V.C. conduit 25 mm. dia. with necessary accessories in wall/floor with chiselling appropriately as per specification No: WG-MA/CC, para no. 1.Pl	Nos.	50	118.77	5,938.50
59	Supplying and erecting modular type telephone socket one gang with safety shutter ISI mark approved make duly erected on provided plate and box with wiring connections complete.	Mtr.	4	94.38	377.52
60	Supplying and erecting modular type computer Jack RJ 45 with safety shutter ISI mark approved make duly erected on provided plate and box with wiring connections complete.	Nos	2	115.58	231.16
61	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 1 module duly erected flush to wall with required chiseling and finishing with cement mortar / POP as per required to match the background in an approved manner.	Nos	4	216.32	865.28
62	Supplying & installing HDMI cable low voltage grade (New) as per specification as per specifications having 5 mtr cord length with male/female 19pin HDMI connectors as per requirements complete.	Mtr	25	2052	51,300.00
63	Supplying and erecting modular type T.V.	Nos	3	94.34	283.02



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	socket single outlet ISI mark approved make duly erected on provided plate and box with wiring connections complete.				
64	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 1 module duly erected flush to wall with required chiseling and finishing with cement mortar / POP as per required to match the background in an approved manner.	Nos	3	216.24	648.72
65	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	Nos.	30	8.48	254.40
66	Dismantling the existing Aluminium/copper mains,sub-mains wiring upto 10 sq.mm. along with accessories etc.Complete as per specification No: WG-DM/PW	Meter	30	3.18	95.40
67	Dismantling of existing fluorescent fittings of any type & size.	Nos.	10	15.9	159.00
68	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.	Nos.	4	39.22	156.88
69	Dismantling the existing switchgears, DB, and Bus bar of any size complete with/without board or angle iron frame Each	Nos.	2	96.46	192.92
70	Making the site clear of dismantled DB and switch gears by refilling the holes with cement mortar & finishing in an approved manner.	Nos.	2	72.08	144.16
71	Dismantling the existing cables of all types & size upto 10 sq mm.	Meter	50	15.9	795.00
	Total (Electrical)				6,99,366.25
	TOTAL OF PART (I) (CIVIL+MECHANICAL+ELECTRICAL)				50,25,886.98
(II)	PART (II): Modernization of Mezzanine floor, Vigilance Dept & HVAC Area, 1st Floor, West Block				
A	CIVIL WORKS				
	DISMANTLING WORK				
1	Demolishing brick work in cement mortar manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material to Municipal dumping ground as per direction of Engineer-in-charge.	Cu M	46	2698.19	124116.74
2	Dismantling aluminium/ Gypsum partitions, doors, windows, fixed,glazing and false ceiling including disposal of unserviceable material to Municipal dumping ground and	Sq M	889	53.07	47179.23



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	stacking of serviceable material in respective storage bins in MDL unserviceable material to Municipal dumping ground as directed by Engineer-in-charge.				
3	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking in designated MDLs Wood/Steel scrap bins and unserviceable material to Municipal dumping ground as directed by Engineer-in-charge. Of area up to 3 sq. metres.	Nos	78	345.56	26953.68
4	Dismantling carefully floor & wall tile work laid in cement mortar & carting away the same outside MDL to Municipal dumpig yard complete. For tile thickness upto 25mm	Sq M	739	81.85	60487.15
5	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to approved Muncipal dumping ground etc. complete.	Sq M	201	75.72	15219.72
6	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	Sq M	94	19.54	1836.76
7	Dismantling of Steel works : Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding or GI Ducts etc. including dismembering and stacking within MDL MS Scrap bin etc. complete.	Kg	3827	5.31	20321.37
8	Dismantling 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.	Cu M	6	4101.95	24611.70
9	Disposal of building debris, rubbish, malba, excess exavated earth, similar unserviceable, dismantled or waste materials by manual, mechanical means, including loading, transporting, unloading to approved municipal	Cu M	44	759.25	33407.00



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	dumping ground or as approved by Engineer-in-charge, for all leads including all lifts involved. etc. complete				
	RESTORATIVE REPAIR WORK				
10	Exposing existing old and worn out RCC column, beams and slabs etc upto main reinforcement carefully by means of chisel and hammer including necessary scaffolding including carting away the material outside MDL premises to the municipal dumping ground etc complete as directed. (Surface area exposed after final chipping chiseling etc will only be measured and paid for)	Sq M	507	128.07	64931.49
11	Providing and applying two coats of Rust preventive coating of IPNET-RB of Krishna Conchem or equivalent approved make after cleaning the existing surface from dust/ loose particles by applying air pressure etc complete as directed by Engineer In-charge.	Lit	85	324.80	27608.00
12	Removing existing corrosion in MS/ torsteel bars by means of suitable light tapping wire brushing and applying rusticide rust converter of "Feovert" of Krishna conchem or equivalent approved make etc complete.	Lit.	85	139.24	11835.40
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 in ratio of 1 (Polymer) :1 (Cement) by weight including cleaning of surface with air under pressure, and subsequent layer upto 10mm after hardening curing etc. all complete.(Polymer manufactured by of Krishna Conchem, sunanda, pidilite, fosroc, acro- chem, build core or equivalent) all complete as approved & as directed by Engineer.	Kg	22410	40.21	901106.10
14	Providing & laying Polycrete "A" of M/s. Sunanda or equivalent approved make using 12.5%of water by weight of polycrete mix over a bond coat of approved make in the ratio of 1 polymer : 1cement, curing etc;all complete at any location / Height	Kg	859	35.10	30150.90



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
15	Providing & fixing in position Centering & shuttering including strutting, propping etc. and removal of form work of approved type as directed by Engineer in charge. For all height. Suspended floors, roofs, landings, balconies, access platform Beams, Columns, shelves etc.	Sq M	60	875.09	52505.40
16	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 / footing/pile etc. all complete as directed at any location (Lapping / chairs will be measured & paid). Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	360	102.34	36842.40
17	Providing and laying cement concrete in retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window sills, fillets, floor, sunken floor etc., up to floor five level, excluding the cost of centering, shuttering and finishing: 1:2:4 (1 Cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	Cum	29	10702.67	310377.43
18	Providing Brick masonry with conventional / IS type/ 1st class bricks one brick thick including scaffolding, waterring, racking out joints etc. complete in superstructure above plinth level up to floor V level including scaffolding, curing, Cement mortar 1:4 (1 cement :4 coarse sand) etc. as directed by Engg-in-Charge.	Sqm.	104	1162.20	120868.80
19	Providing Brick masonry with conventional / IS type/ 1st class bricks of grater than one brick thickness including scaffolding, waterring, racking out joints etc. complete 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) etc. complete as directed	Cu M	8	9717.36	77738.88



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	by Engg-in-Charge.				
20	Providing internal cement plaster 12mm thick in single coat in cement mortar 1:4 to concrete or brick surfaces, in all position including scaffolding and curing etc.complete.	Sq M	393	412.46	162096.78
21	Providing and applying 20 mm thick waterproof cement plaster(1:4) in two coats for external surface mixed with approved waterproofing material as per manufacturer specification, curing etc; upto 10m height etc. all complete as directed.	Sq M	75	459.09	34431.75
22	Providing and erecting 600 mm deep Pantry counter in shape and design as directed. With approved 20mm thk granite top of approved shade, including 18MM cement mortar and LOCAL marble base, with LOCAL marble verticals and shelves as indicated, making cut-outs for sink, plumbing fixtures, gas cylinder pipes, etc, cost to include for all granite vertical patties, facias, splash - back patties, granite skirting etc. Polishing including edge polishing, washing, cleaning, and finishing the wall surface below the counter with 200mm x 200mm ceramic white colour tile including necessary cement mortar backing complete details as directed. running length of counters to be measured along their centre lines and paid for. (Basic cost of granite Rs.2108/- Sq.mt.)	Rmt.	4.5	6143.15	27644.18
23	Providing and applying plaster of paris putty of upto 10mm thickness over plastered surface to prepare the surface even and smooth complete.	Sq M	328	300.38	98524.64
24	Providing and Fixing Granite of 18mm thick gang saw cut mirror polished premoulded and prepolished machine cut for kitchen platforms, vanity counters, window sills, facias 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	Sq M	48	5341.92	256412.16



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	high gloss finish etc. complete at all levels--Granite of any colour and shade. rea of slab up to 0.5 Sqm. Basic Rate of Granite-2232 per Sq M				
b	Providing and Fixing Granite of 18mm thick gang saw cut mirror polished premoulded and prepolished machine cut for kitchen platforms, vanity counters, window sills, facias 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. Area of slab above 0.5 Sqm. Basic Rate of Granite-2232 per Sq M	M2	3	5051.95	15155.85
25	Providing and carrying out Pest-Control for termites, pests, white ants with final application of the chemical after completion of carpentry work. As per IS Code 6313 Part II or revisions thereof.including drilling holes at skirting level to allow the chemical to seep into walls, mixing chemical with the flooring mortar, contractor to give a certificate of Pest Treatment at the end of the job.(Measurement as per carpet area)	M2	708	98.33	69617.64
26	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, dado over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete. Size of Tiles 600x 600mm (Basic rate of tile = Rs 1012)	Sq M	14	1945.92	27242.88
27	Providing and laying vitrified floor tiles, cladding, skirting in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS : 15622, of approved make, in all colours	Sq M	742	2417.65	1793896.30



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), cladding fixed with approved adhesive, including grouting the joints with white cement and matching pigments etc., complete. (Basic Rate of Vitrified tile of Rs. 1928/-Sq.mt.)Size of Tile 1000x1000 mm				
28	Providing Protecting layer of Plaster of Paris minimum 12 mm thick over plastic polyethylene sheet of 1mm on new vitrified flooring work to avoid damage, wear & tear while shifting steel furniture, cupboards etc on new flooring work etc completed.	Sq M	742	122.50	90895.00
29	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, roller, handle, etc. all complete as per architectural drawings and the directions of Engineer-in-charge.		0		0.00
	For Fixed Portion -Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	Kg	297	495.39	147130.83
	For Shutter Portion-Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	Kg	206	607.10	125062.60
30	P & F Float glass panes for Window, partition etc. 5.0 mm thick glass panes (weight not less than 12.50 kg/sqm). Etc. complete.	Sq M	129	2547.12	328578.48
31	Providing and applying Bonding coat between concrete members like RCC	Sq M	94	60.90	5724.60



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	slabs, columns, beams, Chajjas, pardis etc and cement mortar plaster using HACK AID PLAST of M/s. Sunanda Speciality Coatings Pvt. Ltd. or equivalent as per the instructions of manufacturer or Engineer Incharge; including cleaning the concrete surface thoroughly to remove dust, dirt, grime, deshuttering oils and rub down to a clean surface at all heights/ levels and locations and as directed by Engineer Incharge.				
32	Main Frame: Providing & fixing Aluminium Sections main Frame of 50mm x 50 x 1.5mm thick at approx. 450mm C/C vertically and horizontally @ 600mm C/C. All verticals secured to ceiling with anchor fasteners. glasswool infill of 24kg/m3 density to be provided. Well notched frames including making cutout for electrical conduits, support for access control lock complete as per detailed drawings	Sq M	456	1447.63	660119.28
33	Skin : Providing & fixing paneling of 12mm thick BWP grade marine Plywood confirming to IS:710 on one side screwed to frame work with joints as shown or directed including Trims on all edges. (Basic Rate of plywood- Rs. 900/-Sq.mt)	Sq M	836	918.49	767857.64
34	LAMINATE : Providing & fixing laminate of size not less than 1.5mm thk. on one side fixed to plywood skin with glue having joints and grooves as shown or directed. (Basic rate of laminate- Rs. 693/- Sqmt)	Sq M	800	960.11	768088.00
35	Providing and fixing 12 mm thick Toughened Galss with wooden molding around the periferi of glass on both side with polish etc complete as directed by engineer Incharge for partilly glazed partitions.	Sq M	10	3927.52	39275.20
36	Providing and pasting 3M or equivalent approved make frosted film on glazed portion of doors and partitions at locations as per detailed architectural drawing and as directed by engineer in charge	Sq M	49	648.22	31762.78
37	Door Frame: To have 100mm x 75mm teak wood door frame and melamine polished to match the shutter . Providing and fixing of factory finish	No	19	4265.19	81038.61



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	hardwood door frame of size 2150mmx900mm with necessary hardware such as anchor fasteners (6 nos) and the back side of the frame shall be painted with black japan paint and the front side of frame finished with melamine polish matching with the shutter laminate as approved by Engineer Incharge etc. complete				
38	Door Frame: To have 100mm x 75mm teak wood door frame and melamine polished to match the shutter . Providing and fixing of factory finish hardwood door frame of size 2150mmx1500mm with necessary hardware such as anchor fasteners (6 nos) and the back side of the frame shall be painted with black japan paint and the front side of frame finished with melamine polish matching with the shutter laminate as approved by Engineer Incharge etc. complete.	No	2	4756.41	9512.82
39	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. beading 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 (Basic cost of laminate - Rs.1446/ per sheet)	Sq M	43	11465.08	492998.44
40	Extra for providing vision panel in all type of flush doors including the cost of glass and as directed by Engineer-In-charge	Sq M	43	2110.27	90741.61
41	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 widthfrom 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	No	21	977.55	20528.55



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
42	Providing and installing Low height storage unit 450mm deep and 1200 mm high having 2 nos. of shelves with post form top & shutters using 25mm thick marine ply vertical, horizontal, top, bottom back and shutters (For partitions and shelves) with 1.5mm thick laminate for all external surfaces & 1mm thick laminate finish for all internal surfaces including both sides, all the edges finished with PVC edge band, openable shutters with all fixtures, fitting, hinges, handles, ball catches and locks etc. complete as per drawing.as directed. (Basic Rate of Laminate of Rs.693/-Sq.mt)	Sq M	55	11980.43	658923.65
43	Providing & fixing of signages for various sizes and shapes using brushed stainless steel of min.18 guage thk brush steel finish including engraving/etching of letters of reqd sizes filled with colours as per approved design and as per requirement & to be fixed with ss screws on wall. per requirement / instructuin etc. all complete as approved & as directed by Engineer. (SS GRADE 316)	Sq M	2.7	54936.00	148327.20
44	Providing & fixing approved type of Roller Blinds with imported mechanism, approved make on windows.(Basic cost of Rs. 1200/- Sqmt)	Sqm	167	1247.95	208407.65
45	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface : Water thinnable cement primer	Sq M	702	73.58	51653.16
46	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required	Sq M	310	1374.57	426116.70



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws@ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with : -- 12.5 mm thick tapered edge gypsum plain board conforming to IS: 2095-Part I (Basic rate of Gypsum board - Rs. 232.00 Sqmt)				
47	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	Sq M	412	1950.17	803470.04



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	Coefficient (NRC) of 0.50-0.60, to resist temperature and humidity conditions up to 40 degree (104deg. F) and humidity of 99% RH.				
48	Providing and Applying 3 coats of Acrylic emulsion paint Asian paints/ equivalent on false ceiling, wall etc. as per design and approved shade by the Architect. Cost to include preparing the surface, applying primer, putty, etc. complete. All jambs, trims, edges, grooves to be included in SQ.M rate. No seperate measurement on R.M.	Sq M	310	221.71	68730.10
49	Providing and applying Two coats of wall care putty thickness on plastered surface and Ceiling and Walls to prepare surface even and smooth of approved make, etc complete	Sq M	30	83.52	2505.60
50	Providing and Applying 3 coats of luster paint Asian paints/ equivalent on wall and partitions as per design and approved shade by the Architect. Cost to include preparing the surface, applying primer, putty, etc. complete.including all jambs, trims, edges, grooves to be included in SQ.M rate. No seperate measurement on R.M.	Sq M	517	220.29	113889.93
51	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade of approved make (Two or more coats applied@ 1.43 ltr/ 10 sqm. over and including priming coat of exterior primer applied@ 2.20 kg/ 10 sqm).	Sq M	75	111.54	8365.50
52	Providing and applying Oikos or equivalent make internal textured paint of approved shade and colour etc. complete.	Sq M	124	2096.56	259973.44
53	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.	Sq M	30	218.50	6555.00
54	Providing and fixing in position Stainless steel kitchen sink without drain board A ISI 304 (18/8) as per IS 13983 610mm x 510mm depth 200mm with cast iron brackets and stainless steel plug 40mm including painting of	No	1	4466.34	4466.34



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	fittings and brackets, including cutting and making good the walls, making inlet and outlet connections etc. complete as directed.				
55	Providing & fixing Clarion Quarter turn Sink cock CQT-23347 of `Jaquar' make etc. complete as directed	No	1	1167.00	1167.00
56	Providing & fixing PVC Nahni trap of 75mm dia diameter, with necessary distance piece of 75mm dia pipe and 150x150mm SS grating, making necessary SLAB /WALLholes and cutting walls, etc complete. (Supreme/ Finolex/ Prince/ Astral Makes)	No	1	605.06	605.06
57	Providing & fixing Florentine Quarter turn Concealed Stop Cock, Size 15mm or 20mm Code FLR-5089 N of `Jaquar' make etc. complete as directed	No	1	1085.58	1085.58
58	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	No	4	1610.96	6443.84
59	Providing and fixing mirror rectangular shape 1500 x 450 mm size (outer dimentions) with plastic moulded frame of approved make and shade with 6mm thick hard board backing etc. all complete	No	12	2074.50	24894.00
60	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes of Astral or equivalent, having thermal stability for hot & cold water supply, including allCPVC plain & brass threaded fittings, i/c fixing the pipe with clampsat 1.00 m spacing. This includes jointing of pipes & fittings with onestep CPVC solvent cement and the cost of cutting chases and makinggood the same including testing of joints complete as per directionof Engineer in Charge.Concealed work, including cutting chases and making good the walls				
	15 mm nominal dia Pipes	Rmt	10	503.61	5036.10
	20 mm nominal dia Pipes	Rmt	5	586.48	2932.40
	25 mm nominal dia Pipes	Rmt	1	714.69	714.69
61	Providing & fixing PVC waste pipe for sink/wash basin including PVC waste	Rmt	2	116.04	232.08



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	fittings complete. -40mm dia semi rigid pipe (Wash Basin/Sink/Urinal)				
62	Providing & fixing PVC soil / Waste water pipes having wall thickness of 3.2 to 3.8mm conforming to I.S.13592-1992 including PVC plug bend, necessary fittings such as bend, tees, single junction, double junction, slotted vent offsets on walls or in the ground including fixing the pipe on wall using approved wooden cleats projecting 25mm to 40mm from face of wall and fixing with clips of approved quality and number, filling the joints using rubber gasket with solvent cement including necessary scaffolding and maintenance for 3 years for any leakages or dislocation of pipes.				
	110 mm dia. PVC pipe. (Prince or equivalent)	Mtrs.	1	545.63	545.63
	75 mm dia. PVC pipe. (Prince or equivalent)	Mtrs.	10	358.43	3584.30
63	Supply and Installation of Structural Steel work bolted &/or welded in built up sections, truss and framed work for safety railing, platform, steeps etc. as per drawing including necessary Anchor fasteners for fixing of Brackets, Including cutting, hoisting, fixing in position and applying a priming one coat of approved steel primer and two coats of approved enamel paint all etc. complete.	Kg.	150	133.34	20001.00
64	WATER PURIFIER (R.O.P.) Make :- AQUAGUARD, Model :- HI FLOW, WATER PURIFIER Specification for Water Purifier: 1. Water Purifier: The water purifier should have e-boiling technology, the UV water purifier should electronically boil water, eliminate all disease causing bacteria, protozoa, virus, impurities as well as odour. At the same time precious minerals and nutrients are retained in the water. 2. Power Supply:230 V AC \pm 10%, 50 Hz, Single Phase, 20 Watts \pm 10% approx., current approx 4 amp. 3. Flow rate: Minimum 1 litre/min and 10 Hours continuously working in a day	No	1	13671.80	13671.80



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	<p>4. Power saver: Automatically switches off the UV lamp if the purifier is not used for 10 minutes.</p> <p>5. Voltage Stabiliser: Should have an in-built voltage stabiliser.</p> <p>6. Adaptor: Adaptor suitable to be purifier, to be supplied along with the purifier, which may be connected to the existing tap/water pipe.</p> <p>7. Additional features:</p> <p>a) Should have facility to alert in advance if any of the cartridges/filters or the chambers needs replacement.</p> <p>b) Should have an indicator, indicating that all systems/filters are properly working and the water is absolutely safe for drinking.</p> <p>8. Installation and commissioning: The water purifier is to be installed and commissioned by the supplier</p> <p>9. Wiring/Plugs: All wiring from the switch-socket to the purifier should be provided by the supplier. Proper conduits (pipes/rectangular sections) to be provided, as no loose wiring will be acceptable. All plugs will be suppliers responsibility.</p>				
	<p>10. On site guarantee and free service: The purifier should be guaranteed for trouble free working for at least a period of 1 year from date of commissioning. This should also include any replacement of cartridge/filters, UV lamp free of cost during the 1 year period. At least two free servicing to the purifier to be provided during the guarantee period</p> <p>11. MDL responsibility: MDL will only provide switch-socket within 10 feet of the desired position of the purifier</p> <p>12. Spares: Additional two sets of spare UV lamp/cartridges/filters/chamber to be provided so as to be used after the one year guarantee period and 4 meter PVC tube for extension + Plastic cover</p> <p>13. AMC: Separate comprehensive CMC to be provided for 3 years after the guarantee period.</p>				
65	Providing and fixing Aluminium Composite Panels (ACP) made out of 4	Sq M	15	4099.14	61487.10



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	mm thick (0.25+3.5+0.25) with LDPE core coloured, matt finished panels on both sides (total thickness of the panel shall be 4mm) of approved shade ACP Z-Green fixed with aluminium frame work 40mm x 20mm (Jindal section no. 14019/88) or equivalent approved including making openings for lighting fixtures, sealing joints with weather sealant, M.S. cleat, fastener, nut bolt with scaffolding etc. complete.				
66	Removing existing Work stations in Good Condition from 1st floor WB & Re-fixing the same at Mezanine floor same building with required fittings etc. Complete in all respect as per Engineer In-charge instruction.	No	48	999.00	47952.00
67	Removing existing Optimiser/Compactor of Size 1.2m x 3.20 m along with Rails in Good Condition from 1st floor WB & Re-fixing the same floor same building with required fittings etc. Complete in all respect as per Engineer In-charge instruction.	No	1	9460.00	9460.00
68	CVO table - 2100 X 900 X 750mm high CVO-table - 2100 X 900 X 750mm high, Side credenza 1050 X 450mm, back unit 2.80 X 450mm.As per attached drawing..(Basic Rate of Laminate of Rs. 878/-Sq.mt)(Basic rate of Veneer of Rs. 2714/-Sq.mt)	No	1	162004.52	162004.52
69	CVO's PA Table 1500 X 750 X 750mm high CVO's PA Table 1500 X 750 X 750mm high , side Credenza 900 X 450. As per attached drawing..(Basic Rate of Laminate of Rs. 878/-Sq.mt)(Basic rate of Veneer of Rs. 2714/-Sq.mt)	No	1	77850.71	77850.71
70	HOD Cabin Table - 1800 X 900 X 750mm high, Side credenza 1050 X 450mm, back unit 2932 X 450mm. As per attached drawing..(Basic Rate of Laminate of Rs. 878/-Sq.mt)(Basic rate of Veneer of Rs. 2714/-Sq.mt)	No	1	164632.15	164632.15
71	DGM Cabin Table - 1800 X 900 X 750mm high, Side credenza 1050 X 450mm, back unit 1.750 X 450mm. As per attached drawing..(Basic Rate of Laminate of Rs. 878/-Sq.mt)(Basic rate of Veneer of Rs. 2714/-Sq.mt)	No	6	138966.73	833800.38
72	DGM table - 1500 X 900 X 750mm	No	1	124988.09	124988.09



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	high, Side credenza 1050 X 450mm, back unit 2000 X 450mm. As per attached drawing..(Basic Rate of Laminate of Rs. 878/-Sq.mt)(Basic rate of Veneer of Rs. 2714/-Sq.mt)				
73	Conference Table- "Providing and fixing table made up of 19mm thick marine plywood, 4mm thick veneer finished top with imported PU coating & bottom finished with 1mm thick laminate, Side credenza 19+19mm thick marine plywoode with hinged shutter, 4mm thick veneer finished top with imported PU coating & bottom finished with 1mm thick laminate, including supports,drawers, etc. complete as directed of approved shape & design as per drawing, all as directed. Sizes are following.(Basic Rate of Laminate of Rs. 878/-Sq.mt)(Basic rate of Veneer of Rs. 2714/-Sq.mt) "Conference room table of size 4200 X 1500 X 750mm High, with 3nos flip top cable manageras. As per attached drawing.	No	1	344182.10	344182.10
74	Conference Room Chairs: Supplying and fixing chairs with height adjustable armrest with side swivel, chrome legs with Nylon castor, adjustable lumber support, Hydraulic adjustment height, tilt adjustment and tilt locking, thigh support, sliding seat with 12mm thick plywood base with leatherite/fabric and moulded PU foam infill etc. complete as per approved by Engineer Incharge. (Basic Cost Of Chair Rs.7834/- Per No)	No	17	9008.36	153142.12
75	Ace Full Back Chair: Supplying and fixing chairs with height adjustable armrest with side swivel, chrome legs with Nylon castor, adjustable lumber support, Hydraulic adjustment height, tilt adjustment and tilt locking, adjustable thigh support, adjustable headrest with coat hanger arrangement, sliding seat with 12mm thick plywood base with leatherite/fabric and moulded PU foam infill etc. complete as per approved by Engineer Incharge + Neckerst for Ace Chair. (CVO-Chair)	No	2	19237.95	38475.90



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	(Basic Cost Of Chair Rs.16729/- Per No)				
76	DGM Chair: Supplying and fixing chairs with height adjustable armrest with side swivel, chrome legs with Nylon castor, adjustable lumber support, Hydraulic adjustment height, tilt adjustment and tilt locking, adjustable thigh support, adjustable headrest, sliding seat with 12mm thick plywood base with leatherite/fabric and moulded PU foam infill etc. complete as per approved by Engineer Incharge. (Basic Cost Of Chair Rs.16729/- Per No)	No	7	18018.89	126132.23
77	Visitors Chairs: Supplying and fixing chairs with height armrest with side swivel, chrome legs with Nylon castor, fixed lumber support, Hydraulic adjustment height, fixed handles, seat with 12mm thick plywood base with leatherite/fabric and moulded PU foam infill etc. complete as per approved by Engineer Incharge. (Basic Cost Of Chair Rs.8774/- Per No)	No	22	10090.05	221981.10
78	Linear & angular workstn, reception chair: Supplying and fixing chairs with height adjustable armrest with side swivel, chrome legs with Nylon castor, adjustable lumber support, Hydraulic adjustment height, tilt adjustment and tilt locking, thigh support, sliding seat with 12mm thick plywood base with leatherite/fabric and moulded PU foam infill etc. complete as per approved by Engineer Incharge. (Basic Cost Of Chair Rs.10038/- Per No)	No	5	11543.28	57716.40
79	Supplying and fixing Two seater wooden sofa set of size 1790X770X490/740mm high with elastic belt in sea & back, Steel legs, PU foam of 32 density in seat & back, PU leather with approved colour etc. complete as per drawing. (Make - Pitroda Furniture/Burosys/Meraj Marketing). (Basic Cost Of Sofa Rs.21822/- Per No)	No	4	25095.34	100381.36
80	"Providing@ fixing Linear workstation- 1200X600X750mm	No	3	20945.07	62835.21



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	<p>System : - 60 mm Partition x 1200 mm H, Aluminium Trims and Double Raceway Leg out of 16 gauge, dia- cast aluminium with approved finish and approved color / 2 mm thk M. S. Leg of approved style /design & finish. 10-12 module Access flap in aluminium or laminate finish with brush for wire management, as per attached image and switches to be placed within the access flap, the switches to be provided by electrical contractor. 25 mm thk prelaminated particle board for top with edge banding as per approved by Engineer Incharge. Pin up board + writing board to be accommodate with the 25 mm thk divider panel Accessories to be fixed by an pre approved system to the divider panel Accessories :- Pencil Holder, Cup Holder, Paper Tray, Book Shelf, Keyboard Tray, CPU Trolley Free standing pedestal - 450X450X650, prelam carcus (Box) Particle board with 3equal drawers. Cable manager through cable risers & cable trays below the table, separate for data & IT. etc. complete.</p>				
81	<p>P & Supplying 600 dia. 600mm heigh side/Centre Table with SS Base & Frame with 10mm thk. toughened glass etc. complete. (Basic Cost Of Table Rs. 4149/- Per No)</p>	No	3	4770.54	14311.62
82	<p>P & fixing/Making Book Storage of Size 0.9m x 0.3m x 2.1 (H) made of 19mm marine Ply wood at Top Bottom, Sides. At Bottom 100mm Skirting of 19mm thk. marine Ply wood. With 1.5 mm thk. Laminate finish from in sides & Out sides. Partly Glazed shutters made up from 25mm thk. marine plywood as per approved drawing attached etc., Provide shelf 0.9 x 0.3 m @ clear distance 300mm- 5 nos. Magnates, SS Handle/Nob with lock, soft closing hinges. etc. as per approval. Back side of the staorage finish with 8mm thk Ply wood with 1mm thk. white laminate from Out side. etc complete.</p>	Sq M	6	17272.00	103632.00



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
83	P & F Optimizer Plus-Optimizer Plus SS1, Optimizer Plus SL1, Optimizer Plus TM1 Solid Back panel (1200W, 400D, 1980H) channels (rails0 Optimizer Plus P1/P2 CHNL 2400mm, Optimizer Plus P1/P2 CHNL 800mm. With file seperators (Pack Of 8 Nos), etc. as per approved drawing. etc. complete.	No	1	278996.49	278996.49
84	P & S Storage box of Size 40 x 40x 38 cm with roller arrangement @ bottom etc. as per Engineer Incharge approval etc. complete. (Basic Rate of Box is Rs 299.00 per No)	No	120	344.00	41280.00
85	Providing and fixing Wooden Flooring-8mm thk. etc. Complete. As per Engineer Incharge approval.	Sq M	25	1295.95	32398.75
86	Providing and fixing Wooden Skirting-3" etc complete.	Rmt.	20	243.66	4873.20
87	P & F 6mm Toghren Glass with edge polishing cut out for cable manager etc. on Existing Table as Table Top etc. complete.	Sq M	16	1820.00	29120.00
88	P & Supplying Carpet as per Engineer Incharge approval etc. complete. (Basic Cost of Carpet is Rs. 10,550.00 Per no.)	No	2	12133.54	24267.08
89	P & Supplying Photo Frame made up from decorative wood of approximate 400 x 450mm size etc. complete as directed by Engineer Incharge.	No	5	689.00	3445.00
TOTAL (CIVIL WORKS) Rs.					1,40,94,078.07
B	ELECTRICAL WORKS				
	MAIN INCOMING DB				
1	Supplying and erecting switch disconnecter fuse (SDF) switch 415V, 125A, open execution, four pole AC23 A rated with terminal shrouds on both sides and phase barriers along with telescopic shaft for depth adjustments and door interlock and padlock complying to IS/IEC 60947-3 Part-1/3 HRC - DIN type fuse, insulation voltage 1000 V for enclosing in panel with rotary handle for ON/ OFF operation (without HRC fuse)	AU	1	8217.00	8217.00
2	Supplying and erecting switch disconnecter fuse (SDF) switch 415V, 200A, open execution, four	AU	1	11663.30	11663.30



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	pole AC23 A rated with terminal shrouds on both sides and phase barriers along with telescopic shaft for depth adjustments and door interlock and padlock complying to IS/IEC 60947-3 Part-1/3 HRC - DIN type fuse, insulation voltage 1000 V for enclosing in panel with rotary handle for ON /OFF operation (without HRC fuse)				
3	Supplying & erecting triple pole and neutral distribution board (TPNDB), 3 pole/ 4 pole MCCB as incomer & outgoing SP MCB (12 poles) or TP MCB of 4 ways (12 poles), with door, 1.2mm thickness, surface/flush mounted, on iron/GI frame (vertical busbar type) as per specification no. SW-SWR/MCBDB1	AU	2	7224.80	14449.60
4	Supplying and erecting single pole and neutral distribution board (SPNDB) with door surface/flush mounted with 2 ways for incoming and 10 ways for outgoing SP MCB's on iron/ GI frame as per specification no. SW-SWR/MCBDB		1	1644.50	1644.50
	Incomer				
5	Providing & erecting 3 Pole MCCB, 415V, 200A, rated short-circuit breaking capacity 25 kA (Ics=100% of Icu), adjustable thermal (overload) setting and adjustable magnetic setting with provided leads, provision for installation of shunt/UV/trip alarm contact and MCCB should have phase barriers both sides, with insulation withstand capacity 800V, no line-load bias in provided enclosure/panel as per specification no. SW-SWR/MCCB	AU	1	11664.40	11664.40
6	Providing & erecting 3 Pole MCCB, 415 V, 125A, rated short-circuit breaking capacity 25 kA (Ics=100%	AU	1	7065.00	7065.00



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	of Icu), adjustable thermal (overload) setting and fixed magnetic setting with provided leads, provision for installation of shunt/UV/trip alarm contact. MCCB with phase barriers on both sides, insulation withstand capacity 800V, no line-load bias in provided enclosure/panel				
7	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 3½ core 70 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	Mtr	100	543.40	54340.00
8	SSupplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 3½ core 120 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	Mtr	100	829.40	82940.00
Outgoing					
9	Supplying, erecting & marking TPMCB 6 A to 32A in provided distribution board as per specification no. SW-SWR/MCB	AU	2	826.10	1652.20
10	Supplying, erecting & marking TPMCB 40A to 63A in provided distribution board as per specification no. SW-SWR/MCB	AU	5	1091.20	5456.00
LIGHTING DB					
11	Supplying & erecting triple pole and neutral distribution board (TPNDB), SPMCB of 4 ways/phase (12 poles), with door, 1.2mm thickness, surface/flush mounted, IP 43 protection on iron/GI frame (horizontal busbar type) as per specification no. SW-SWR/MCBDB	AU	2	2591.60	5183.20
Incomer					



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
12	Supplying, fixing and commissioning 4 pole RCBO (residual current breaker with overcurrent short circuit 10 kA and earth leakage protection), with 30/100/300 mA sensitivity and having capacity of 6A/10A/16A/20A/25/A as per specification no SWRCCB/RCBO	AU	2	4375.80	8751.60
13	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 4 core 4 sq. mm. copper conductor complete erected with glands & lugs, on wall/ trusses/ pole or laid in provided trench/ pipe as per specification no. CB-LT/CU	Mtr	40	326.70	13068.00
14	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 3 core 4 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/ pole or laid in provided trench/ pipe as per specification no. CB-LT/AL	Mtr	50	134.20	6710.00
15	Supplying, erecting & marking DPMCB 6A to 32A, C-series with rated short -circuit breaki ng capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB	AU	1	588.50	588.50
Outgoing					
16	Supplying, erecting & marking SPMCB 6A to 32A, B- series (for lighting) in provided distribution board as per specification No. SWSWR/ MCB of PWD Specifications	AU	28	190.30	5328.40
POWER DB					
17	Supplying & erecting triple pole and neutral distribution board (TPNDB) surface/ flush mounted, suitable for SPMCB of 12 ways, on iron / G.I. frame/wooden board.(Horizontal type) as per specification No. SWSWR/ MCBDB	AU	1	2591.60	2591.60



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	of PWD Specifications				
	Incomer				
18	Supplying, fixing and commissioning 4 pole RCBO 32/40A, with overcurrent, rated short-circuit breaking capacity (10 kA) and earth leakage protection, with 30/100/300 mA sensitivity and short circuit and earth leakage trip indication as per specification no SW-RCCB/RCBO	AU	1	4451.70	4451.70
19	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 4 core 6 sq. mm. copper conductor complete erected with glands & lugs, on wall/ trusses/ pole or laid in provided trench/ pipe as per specification no. CB-LT/CU	Mtr	15	435.60	6534.00
	Outgoing				
20	Supplying, erecting & marking SPMCB 6A to 32A, C-series (for motor/power) in provided distribution board as per specification No. SWSWR/ MCB of PWD Specifications	AU	16	191.40	3062.40
	ACDB				
21	Supplying & erecting triple pole and neutral distribution board (TPNDB), SPMCB of 8 ways / phase (24 poles), with door, 1.2mm thickness surface/flush mounted, IP 43 Protection on iron/GI frame (horizontal busbar type) as per specification no. SW-SWR/MCBDB	AU	1	3718.00	3718.00
22	Supplying & erecting triple pole and neutral distribution board (TPNDB), SPMCB of 4 ways/phase (12 poles), with door, 1.2mm thickness, surface/flush mounted, IP 43 protection on iron/GI frame (horizontal busbar type) as per specification no. SW-SWR/MCBDB	AU	1	2591.60	2591.60
	Incomer				



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
23	Supplying, fixing and commissioning 4 pole RCBO 63A, with overcurrent, rated short-circuit breaking capacity (10 kA) and earth leakage protection, with 30/100/300 mA sensitivity and short circuit and earth leakage trip indication as per specification no SW-RCCB/RCBO	AU	2	5132.60	10265.20
24	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 4 core 16 sq. mm. copper conductor complete erected with glands & lugs, on wall/ trusses/ pole or laid in provided trench/ pipe as per specification no. CB-LT/CU	Mtr	30	949.30	28479.00
Outgoing					
25	Supplying, erecting & marking SPMCB 6A to 32A, C-series with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB	AU	24	191.40	4593.60
26	Supplying and erecting blanking plate of suitable size on MCB DB	AU	12	16.50	198.00
Computer DB					
27	Supplying & erecting triple pole and neutral distribution board (TPNDB), SPMCB of 8 ways / phase (24 poles), with door, 1.2mm thickness surface/ flush mounted, IP 43 Protection on iron/GI frame (horizontal busbar type) as per specification no. SW-SWR/MCBDB	AU	3	3718.00	11154.00
Incomer					
28	Supplying, fixing and commissioning 4 pole RCBO 63A, with overcurrent, rated short-circuit breaking capacity (10 kA) and earth leakage protection, with 30/100/300 mA sensitivity and short circuit and earth leakage trip indication as per specification no SW-RCCB/RCBO	AU	1	5132.60	5132.60



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
29	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 4 core 16 sq. mm. copper conductor complete erected with glands & lugs, on wall/ trusses/ pole or laid in provided trench/ pipe as per specification no. CB-LT/CU	Mtr	15	949.30	14239.50
30	Supplying, fixing and commissioning 4 pole RCBO 32/40A, with overcurrent, rated short-circuit breaking capacity (10 kA) and earth leakage protection, with 30/100/300 mA sensitivity and short circuit and earth leakage trip indication as per specification no SW-RCCB/RCBO	AU	2	4451.70	8903.40
31	Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 4 core 6 sq. mm. copper conductor complete erected with glands & lugs, on wall/ trusses/ pole or laid in provided trench/ pipe as per specification no. CB-LT/CU	Mtr	20	435.60	8712.00
Outgoing					
32	Supplying, erecting & marking SPMCB 6A to 32A, C-series with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB	AU	67	191.40	12823.80
33	Supplying and erecting blanking plate of suitable size on MCB DB	AU	5	16.50	82.50
LIGHTING FIXTURE					
34	Supplying and erecting LED Panel Light(600mm X 600mm) Max. 35 W having CRCA powder coated housing, polystyrene diffuser having system lumens output of Min 4200 Lumens, min. efficacy of 120 lumen/W, CRI>80, CCT upto 6500K, Beam Angle of 120 deg., max. ripple of 5%, THD<10%, p.f.>0.95, operating range of 120-	AU	93	3216.40	299125.20



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	270V, surge protection of 2.5 kV, Life class of 50,000 Hrs. at L70B50 including driver, having mounting arrangement with board for surface type or spring loaded mounting clips complete with 3 years warranty.				
35	Supplying and erecting LED square / circular Max. 18 W down lighter/ Panel Light having pressure die-cast aluminium housing, polystyrene diffuser having system lumens output of Min. 2000 Lumens, min. efficacy of 110 lumen/W, CRI>80, CCT upto 6500K, Beam Angle of 120 deg., max. ripple of 5%, THD<10%, p.f. >0.95, operating range of 120-270V, surge protection of 2.5 kV, Life class of 50,000 Hrs. at L70B50, including driver, having mounting arrangement with board for surface type or spring loaded mounting clips complete with 3 years warranty.	AU	24	1686.30	40471.20
36	Supplying and erecting LED square / circular Max. 11 W down lighter/Panel Light having pressure die-cast aluminium housing, polystyrene diffuser having system lumens output of Min. 1200 Lumens, min. efficacy of 110 lumen/W, CRI>80, CCT upto 6500K, Beam Angle of 120 deg., max. ripple of 5%, THD<10%, p.f. >0.95, operating range of 120-270V, surge protection of 2.5 kV, Life class of 50,000 Hrs. at L70B50, including driver, having mounting arrangement with board for surface type or spring loaded mounting clips complete with 3 years warranty.		4	875.60	3502.40
37	Supplying and erecting double	Mtr	100	53.90	5390.00



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	suspension heavy duty lacquered iron chain with hooks for erecting fluo. tube light fitting(for erecting various fixtures like FTL, LED, etc) with necessary shielded copper flexible wire three core of 1 sq mm for connecting leads. (for measurements half of the actual length used)				
38	Supplying and erecting BLDC type Super Energy Efficient Bracket Fan 400 mm. sweep A. C. 230 volts 50 cycles. Oscillating type, plastic or metal blades chrome plated guard with with remote control complete at site.	AU	35	4886.67	171033.45
39	Supplying and erecting exhaust fan heavy duty 230 V, A.C. 50 cycles 375/380 mm. 900 RPM complete erected in position as per specification no. FG-FN/EXF	AU	1	4239.40	4239.40
40	Supplying and erecting fresh air cum exhaust fan of light duty 250 V A.C. 50 cycles 225mm. 1400 RPM rust proof body & blades, wire mesh, duly erected, complete.	AU	1	1610.40	1610.40
SWITCH / SOCKET					
41	Supplying and erecting modular type switch 6A / 10A ISI mark approved make duly erected on provided plate and box with wiring connections complete.	AU	278	79.20	22017.60
42	Supplying and erecting ISI mark modular type D.P. switch 32A with indicator, duly erected on provided plate and box with wiring connections complete.	AU	8	231.00	1848.00
43	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.	AU	282	123.20	34742.40
44	Supplying and erecting ISI mark modular type switch 16 / 20 A with indicator, duly erected on provided plate and box with wiring connections complete	AU	23	150.70	3466.10



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
45	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.	AU	23	176.00	4048.00
46	Supplying and erecting ISI mark modular type T.V. socket single outlet, duly erected on provided plate and box with wiring connections complete.	AU	2	104.50	209.00
47	Supplying and erecting modular type blanking plate one module, duly erected on provided plate & box.	AU	30	23.10	693.00
48	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 1 module duly erected flush to wall with required chiselling and finishing with cement mortar / POP as per required to match the background.	AU	63	242.00	15246.00
49	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 2 module duly erected flush to wall with required chiselling and finishing with cement mortar / POP as per required to match the background	AU	38	243.10	9237.80
50	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 3 module duly erected flush to wall with required chiselling and finishing with cement mortar / POP as per required to match the background in an approved manner.	AU	48	275.00	13200.00
51	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 4 module duly erected flush to wall with required chiselling and finishing with cement mortar / POP as per required to match the background.	AU	77	304.70	23461.90



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
52	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 6 module duly erected flush to wall with required chiselling and finishing with cement mortar / POP as per required to match the background in an approved manner.	AU	67	368.50	24689.50
53	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 8 module duly erected flush to wall with required chiselling and finishing with cement mortar / POP as per required to match the background in an approved manner.	AU	11	458.70	5045.70
54	Supplying and erecting unbreakable concealed type modular switch box with double mounting plate for 12 module duly erected flush to wall with required chiselling and finishing with cement mortar / POP as per required to match the background.	AU	2	575.30	1150.60
55	Supplying and erecting PVC Surface modular switch box with double mounting plate for 1 module complete duly erected.	AU	2	136.40	272.80
56	Supplying and erecting PVC Surface modular switch box with double mounting plate for 3 modules duly erected.	AU	6	162.80	976.80
57	Supplying and erecting PVC Surface modular switch box with double mounting plate for 6 modules duly erected.	AU	8	244.20	1953.60
58	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/ G.I. frame.	AU	26	906.40	23566.40
59	Supplying and erecting ISI mark modular type bell indicator, duly erected on provided plate and box with wiring connections	AU	10	201.30	2013.00



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
60	Supplying and erecting ISI mark modular type buzzer 220 / 250V, duly erected on provided plate and box with wiring connections complete	AU	10	136.40	1364.00
61	Supplying and erecting ISI mark modular type bell-push with indicator 2 modules 6A / 10A, duly erected on provided plate and box with wiring connections complete.	AU	10	141.90	1419.00
WIRING & ACCESSORIES					
62	Point wiring for light/bell hybrid type (Surface type under false ceiling and concealed type for drops & switch boards on walls) in min 20 mm PVC conduit / casing n capping with 1.5 sq.mm. (2+1E) FRLSH grade copper wires, modular type switch, earthing and required accessories as per specification No: WGPW/HW Note:- 1) Point wiring starts from Main board/Intermediate switch board and suitable circuit mains are to be provided from D.B. to first board and between boards. 2) For concealed type wiring multistrand wires shall be used preferably. 3) Earth Wire of minimum 1.5 sq mm Shall be terminated in each point	P	79	605.00	47795.00
63	Secondary point wiring for additional light/ bell point in PVC trunking (casing-capping) with 1.5 sq.mm (2+1E) FR / FRLSH grade copper wire with required accessories as per specification No: WG-PW/SW	P	62	216.70	13435.40
64	Wiring for plug on board with Switch socket surface/concealed type, copper wiring and earthing and with modular accessories as per specification No: WGPW/ CW	P	23	424.60	9765.80
65	Supplying & erecting mains with 2x1.5 sq.mm FRLSH copper PVC insulated wire laid in provided	Mtr	2100	44.00	92400.00



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	<p>conduit/trunking/inside pole/Bus bars or any other places as per specification No: WGMA/ BW</p> <p>Note 1) Double the rate of two wire bunch for calculating rate of four wire bunch up to 10 sq. mm</p> <p>2) Continuous running earth wire should be provided of min. 1.5 sq. mm. up to phase wire of 2.5 sq. mm. and further earth wire of half of the size of phase wire is to be used only for light & power load .</p> <p>3) Rates for the earth wire shall be calculated as one half rate of mains of bunch of two wire. Earth wire should be of green colour.</p> <p>4) For all types of wiring stranded copper wires shall be invariably used.</p> <p>5) For FRLS wire subtract 2% from total rate of FRLSH wire.</p>				
66	<p>Supplying & erecting mains with 2x2.5 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WGMA/ BW</p> <p>Note:-</p> <p>1) Double the rate of two wire bunch for calculating rate of four wire bunch up to 10 sq. mm</p> <p>2) Continuous running earth wire should be provided of min. 1.5 sq. mm. up to phase wire of 2.5 sq. mm. and further earth wire of half of the size of phase wire is to be used only for light & power load .</p> <p>3) Rates for the earth wire shall be calculated as one half rate of mains of bunch of two wire. Earth wire should be of green colour.</p> <p>4) For all types of wiring stranded copper wires shall be invariably used.</p> <p>5) For FRLS wire subtract 2% from</p>	Mtr	4550	68.20	310310.00



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	total rate of FRLSH wire.				
67	Supplying & erecting mains with 2x4 sq.mm FRLSH copper PVC insulated wire laid in provided conduit/trunking/inside pole/Bus bars or any other places. as per specification No: WGMA/ BW Note: 1) Double the rate of two wire bunch for calculating rate of four wire bunch up to 10 sq. mm 2) Continuous running earth wire should be provided of min. 1.5 sq. mm. up to phase wire of 2.5 sq. mm. and further earth wire of half of the size of phase wire is to be used only for light & power load . 3) Rates for the earth wire shall be calculated as one half rate of mains of bunch of two wire. Earth wire should be of green colour. 4) For all types of wiring stranded copper wires shall be invariably used. 5) For FRLS wire subtract 2% from total rate of FRLSH wire.	Mtr	700	97.90	68530.00
68	Supplying & erecting HMS P.V.C. conduit 25 mm. dia. With necessary accessories in wall/floor with chiselling appropriately as per specification No: WG-MA/CC.	Mtr	500	139.70	69850.00
69	Supplying & laying HMS PVC conduit 20 mm dia. With necessary accessories in RCC work/false ceiling/false flooring as per specification No. WG-MA/CC.	Mtr	850	108.90	92565.00
70	Supplying and erecting 20mm dia. corrugated flexible polypropylene conduit	Mtr	420	17.60	7392.00
71	Supplying and erecting PVC trunking (PVC casing-n-capping) of size 20 mm with accessories on wall/ceiling as per specification No: WG-MA/CON, para no. 1.1.2	Mtr	200	45.10	9020.00
72	Supplying and erecting PVC trunking (PVC casing-n-capping) of size 25 mm with accessories on	Mtr	220	48.40	10648.00



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	wall/ceiling as per specification No: WG-MA/CON, para no. 1.1.2				
73	Supplying and erecting PVC box trunking of size 50x50 mm. with accessories on wall/ceiling as per specification No: WGMA/ BOX, para no. 1.1.2	Mtr	100	184.80	18480.00
74	Supplying and erecting PVC box trunking of size 100x50 mm. with accessories on wall/ceiling as per specification No: WGMA/BOX para no. 1.1.2	Mtr	40	590.70	23628.00
75	Supplying and erecting Iron, sheet metal work consisting of CRCA Sheets, Various sections of iron, 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 Note:- Quantity of Iron/sheet metal work shall be considered and worked out as per steel data table.	Kg	100	204.60	20460.00
TELEPHONE WIRING & ACCESSORIES					
76	Supplying & erecting telephone cable 2 pair with 0.5 mm dia. laid in provided PVC casing / conduit as per specification No. WG-TW of PWD Specification	Mtr	530	25.30	13409.00
77	Supplying & erecting telephone copper cable 20 pair with 0.5 mm dia. laid in provided PVC casing capping / conduit as per specification No. WG-TW	Mtr	100	156.20	15620.00
78	Supplying, erecting & commissioning 20 pairs FR junction box with moulded plastic enclosure as per specification no. WG-TW	AU	2	941.60	1883.20
79	Supplying, erecting & commissioning Main Distribution Frame (MDF) Box 50x50 pairs as	AU	2	2411.20	4822.40



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	per specification No. WG-TW of PWD Specification				
80	Supplying and erecting ISI marked modular type telephone socket one gang with safety shutter, duly erected on provided plate and box with wiring connections complete.	AU	28	105.60	2956.80
COMPUTER ACCESSORIES					
81	Supplying and erecting modular type computer Jack RJ 45 with safety shutter ISI mark approved make duly erected on provided plate and box with wiring connections complete.	AU	86	143.00	12298.00
82	Supplying and installing cat-6 cable suitable for networking as per specification no. WG-COC/NC	Mtr	2600	58.30	151580.00
83	Supplying and fixing 1 m UTP patch cord of Cat 6 type in position as per specification No. WG-COC/PC	AU	80	256.30	20504.00
84	Supplying and fixing 3 meter length, UTP Patch cord of Cat 6 type in position as per specification No. WG-COC/PC of PWD Specifications	AU	38	368.50	14003.00
85	Supplying, installing and testing UTP connector (RJ-45) as per specification No. WG-NAS/UTPC	AU	86	86.90	7473.40
86	Supplying and fixing 24 port Patch Panel with tool-less keystone jacks in provided U Rack complete as per specification no. WG-NAS/PP of PWD Specifications	AU	5	11677.60	58388.00
87	Supplying and fixing 6U wall mount rack (Dimension-DxWxH - 500x600x367 mm) as per specification No. WG-NAS/RAK	AU	2	9156.40	18312.80
88	Supplying and fixing 9U Wall Mount Rack (Dimension-DxWXH - 450X550X367 mm) as per specification in approved manner	AU	2	9972.60	19945.20
89	Supplying and fixing Power Distribution Unit for networking rack comprises of 6/16A (6 Nos. sockets), 25 A modular MCB, appropriate rating fuse and indicator lamp, enclosed in black powder coated metal with necessary	AU	4	5434.00	21736.00



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	arrangement for fixing as per specification No. WG-NAS/RAK				
90	Supplying, fixing, and configuring GB managed ethernet layer 2 switch of 24 Ports + 4 SFP enterprise class Switch IPV6 ready as per specification complete.	AU	6	164466.67	986800.02
RACEWAY/CABLE TRAY					
91	Supply and Installation of 100X38 mm GI powder coated under floor raceway for Data ,Voice & Power	M	50	312.43	15621.50
92	Supply and Installation of 50X38 mm GI powder coated under floor raceway for Data , Voice & Power.	M	130	234.31	30460.30
93	Supply and Installation of GI powder coated junction box of size 200X200X50 mm with partition.	AU	15	435.16	6527.40
94	Supply and Installation of GI powder coated junction box of size 150X150X50 mm with partition.	AU	30	290.11	8703.30
95	Providing, fixing weather proof Box for accommodating 6-32 Amp MCB	AU	24	2553.88	61293.12
96	Providing & erecting Hot dipped Galvanised Perforated type Cable tray manufactured from 16 swg (1.6 mm thick) GI sheet of 150 mm width & 75 mm height complete with necessary coupler plates & hardware in approved manner.	M	30	675.40	20262.00
97	Supplying & erecting ready to use Retrofit T8 LED 18 / 20 tube light with polycarbonate body, heat sink, integrated HF electronic driver complete & compatible to T8 / T12 LED luminaire by disconnecting starter & ballast if necessary	AU	4	689.70	2758.80
98	Supplying and erecting ball suspension plate cast aluminum erected with spring on wooden block in position.	AU	8	46.20	369.60
EARTHING					
99	Supply, Installation, Testing and commissioning of maintenance free earthing comprising of Electrode of 17.2 mm diameter Low Carbon Steel with 250 micron molecular copper bonded earthing rod of	AU	2	15185.50	30371.00



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	Length 3m along with 25 kg Carbon based environment friendly back fill ground enhancing compound required to fill up the excavated earth with required quantity complete. Specification no. EA-MOBI				
RODDENT REPELLENT SYSTEM					
100	Supplying, installing, testing and commissioning FR, XLPE armoured cable 2 core 1.5 sq.mm. copper conductor complete erected on wall/ ceiling complete as per specification no. CBLT/CU	Meter	200	90.20	18040.00
101	Supply, Installation, Testing and commissioning of Rodent Repellent Controller which has capacity to connect min 17 transducers.The cost shall include all the necessary accessories to complete the job.The controllers should have variable frequency selection VHFO.(Make:Maser / Ultrasonic Electronic or equivalent)	Nos	16	20398.82	326381.12
102	Supply, Installation, Testing and commissioning of Roddent Transducers (Make: Maser / Ultrasonic Electronic or equivalent)	Nos	1	1320.77	1320.77
103	Supply, Installation of MS stand to mount controller.	Nos	1	1387.96	1387.96
CCTV System					
104	2MP Dome Camera Supply, installation, testing & commissioning of 2MP Dome camera "1/3"" Progressive CMOS, ICR, 0lux with IR, 1920x1080:25fps(P)/30fps(N), 2.8~12mm VF lens, IP66, H.264/MJPEG, dual-stream, IP66, DC12V & PoE, 120dB WDR, 3D DNR, BLC, IR: up to 30m, Support on-board storage up to 64GB (SD card not included), Vandal-proof housing, Support Mobile Monitoring via EZVIZ P2P, H.264+ Optimized Codec	Nos	8	10503.21	84025.68



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	-S: Audio/alarm IO				
105	SITC of NVRs for above cameras 16 Ch NVR & Shall be compatible with MDL CCTV Network. 320Mbps Bit Rate Input Max (up to 16-ch IP video), 8 SATA interfaces, alarm I/O: 16/4, 2U case,19"	Nos	1	31568.45	31568.45
106	Supply, installation, testing & commissioning of 10 TB SURVILLANCE HDD with 90 days backup.	Nos	1	38781.12	38781.12
107	Intel core i7 2600@ 3.4GHz., 8GB RAM of DDR3, 80 SATA in II Hard Drive, 1 GB-PCI - x16dual head video adapter, Resolution 1600 X 1200, 10/100/1000 Ethernet Network card.	Nos	1	64635.22	64635.22
108	21" LCD Display Unit for 24x7 application.	Nos	1	15697.12	15697.12
Fire Detection System					
109	S/I/T/C of UL approved 32 bit microprocessor based TCP/IP networkable, Intelligent Addressable Fire Alarm Control panel with 1 Loop with battery back up for minimum 48 hours. The panel shall be networkable & expandable without changing the cabinet. The panel should be modular, decentralized. The panel shall consist with minimum 240 character LCD display. Panel Should have onboard 16 relay output for integration with othersystem like PA, Access control etc. Panel should be able to record events history. Each loop should be capable to have atleast 99 elements / devices.(One loop is spare) (Location:- Basement 1 LV room). The FACP shall also be provided with a dedicated standby power supply system (battery and charger .The FACP shall have network driver cards to integrate with repeater panel . The FACP shall consists of following other components. Auto dialing system shall be provided to indicating fire. 1 Loop Panel Bacnet card to integrate with third party systems.	Nos	1	119172.79	119172.79
110	Supply, installation, testing and	Nos	15	2271.64	34074.60



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	commissioning of Recessed Mounted Addressable ideal optical smoke detector with Mounting Base.				
111	Supply, installation, testing and commissioning of Addressable Heat Detector with Mounting Base.	Nos	1	2568.98	2568.98
112	Supply, Installation, Testing and commissioning of multi tone sounder cum flasher with 32 selectable tone shall have 99 db output @ 1m , with necessary interfacing module having inbuilt fault isolator with IP 66 Box and required accessories including JB & glands	Nos	3	4757.38	14272.14
113	Supply, Installation testing & commissioning of Addressable Manual call points . The same shall be of ABS plastic, square in shape and 4 "x 4" in size. It shall have a "Break glass" message embedded on the glass.	Nos	2	2699.82	5399.64
114	Supply, Installation testing & commissioning of Addressable Control Module with mounting base.	Nos	3	1681.97	5045.91
115	Supply, Installation testing & commissioning of Addressable Monitor Module with mounting base.	Nos	1	1681.97	1681.97
116	Supply, Installation testing & commissioning of Addressable Fault isolator Module with mounting base.	Nos	1	1655.21	1655.21
117	Supply, installation, connecting, testing and commissioning of UL listed addressable Active Repeater panel.	Nos	1	52232.87	52232.87
118	Supply & laying of 2C x 1.5 mm ² , Stranded Copper conductor, XLPE insulated, FRLS armoured Cable surface on Slab /Concealed on wall including GI saddle spacers every 0.3 mtr, ferruling & terminations with all accessories complete. (Colour should be RED)	Metre	300	90.20	27060.00
TV System					
119	Supply, connection, testing and commissioning of 75 inch LED Smart TV. with following features: Display Technology: 4K UHD, LED Backlit LCD UHD (Resolution: 3840 x 2160) Operating system: Web OS Connectivity Ports: 3 HDMI, 2 USB, 1 Ethernet Speaker: 10W X 2	Nos.	2	359271.00	718542.00



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	Audio Output: 20W, Dolby Digital Plus, 2.0 Ch (Down Firing w/ Bass Reflex) Wall-Mount: Standard wall-mount WiFi:Built in One Remote Control (Make: Samsung / Sony / LG)				
120	Supplying & installing co-axial copper cable low voltage grade RG-6 as per specification No. WG-TW	Meter	100	51.70	5170.00
121	Supplying & installing HDMI cable low voltage grade as per specification as per specifications having 5 mtr cord length with male/female 19pin HDMI connectors as per requirements complete.	Nos	1	2484.90	2484.90
122	Supplying & installing HDMI cable low voltage grade as per specification as per specifications having 10 mtr cord length with male/female 19pin HDMI connectors as per requirements complete.	Nos	1	4658.50	4658.50
123	Supplying & installing HDMI cable low voltage grade as per specification as per specifications having 15 mtr cord length with male/female 19pin HDMI connectors as per requirements complete.	Nos	1	5495.60	5495.60
124	Supplying and erecting modular type T.V. socket single outlet, duly erected on provided plate and box with wiring connections complete.	AU	2	104.50	209.00
Appliances					
125	Induction hot plate, 2000watt, Topp plate material:Toughen Glass,Induction coil material:copper	AU	1	2171.45	2171.45
126	Shoe polish/shine machine ,Automatic, Brushes:2,Brush width: 80mm(Min), RPM:1400, Material:SS, Used for Black & Brown	AU	2	6783.27	13566.54
DISMANTLING					
127	Dismantling the existing light, fan,	P	80	7.70	616.00



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	bell, clock, independent plug point, wiring including circuit mains of all types along with accessories etc.complete as per specification No: WG-DM/PW Note:- Dismantled material of Point wiring / circuit mains/mains, sub-mains / telephone / LAN / WAN / TV wires / cables shall be retained by contractor.				
128	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 Note:- Dismantled material of Point wiring / circuit mains/mains, sub-mains / telephone / LAN / WAN / TV wires / cables shall be retained by contractor.	M	400	5.50	2200.00
129	Dismantling the existing Aluminium/copper mains,sub-mains wiring upto 10 sq.mm. along with accessories etc.Complete as per specification No: WG-DM/PW Note:- Dismantled material of Point wiring / circuit mains/mains, sub-mains / telephone / LAN / WAN / TV wires / cables shall be retained by contractor.	M	1500	3.30	4950.00
130	Dismantling of existing fluorescent fittings of any type & size.	AU	50	17.60	880.00
131	Dismantling the existing switchgears, DB, and Bus bar of any size complete with/ without board or angle iron frame	AU	10	102.30	1023.00
132	Dismantling the existing cables of all types & size upto 10 sq mm.	M	100	16.50	1650.00
133	Dismantling the existing cables of all types & size above 10 sq mm upto 50 sq.mm.	M	100	25.30	2530.00
134	Dismantling the existing cables of all types & size above 50 sq. mm.	M	110	34.10	3751.00
	TOTAL B (ELECTRICAL WORKS) Rs.				50,17,525.28
C	MECHANICAL WORKS HVAC				
1	Supply & delivery of ceiling suspended Inverter Cassette 4 way / round flow Air conditioner (Minimum 5 star)				



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	inclusive of Indoor Unit, Out door unit, cordless remote controllers with batteries & holder, power supply cable along with connecting pin & accessories etc. all complete as directed by MDL engineer. The AC units shall have eco-firendly Refrigerent gas. Indoor cassette units shall have standard inbuilt condensate drain pump along with all the accessories as supplied by the manufacturer. Note : Additional Anti Corrosive coating for ODU. Preferred make i.e. Mitsubishi/Hitachi/Daikin				
(a)	Minimum 2.0 TR Capacity	10	Nos	99,600	996,000.00
2	Supply & delivery of ceiling suspended Inverter Cassette 4 way / round flow Air conditioner (Minimum 5 star) inclusive of Indoor Unit, Out door unit, cordless remote controllers with batteries & holder, power supply cable along with connecting pin & accessories etc. all complete as directed by MDL engineer. The AC units shall have eco-firendly Refrigerent gas. Indoor cassette units shall have standard inbuilt condensate drain pump along with all the accessories as supplied by the manufacturer. Note : Additional Anti Corrosive coating for ODU. Preferred make i.e. Mitsubishi/Hitachi/Daikin				-
(a)	Minimum 1.5 TR Capacity	2	Nos	89,091.60	178,183.20
3	Supply & delivery of ceiling suspended Inverter Split AC (Minimum 5 star) inclusive of Indoor Unit, Out door unit, cordless remote controllers with batteries & holder, power supply cable along with connecting pin & accessories etc. all complete as directed by MDL engineer. The AC units shall have eco-firendly Refrigerent gas. Note : Additional Anti Corrossive for ODU. Preferred make i.e. Mitsubishi/Hitachi/Daikin				-



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
(a)	Minimum 2 TR Capacity	2	Nos	75,600	151,200.00
(b)	Minimum 1.5 TR Capacity	6	Nos	56,800	340,800.00
(c)	Minimum 1 TR Capacity	4	Nos	48,200	192,800.00
4	<p>Supply & Installation of copper refrigerant piping of suitable diameter compatible with the refrigerant gas (eco friendly) & air conditioner model with insulation/nitrile rubber sleeves (19 mm thk), end connections with appropriate clamping / supporting arrangement, making holes in walls with core cutting, providing sleeves & proper finishing for connectivity from indoor to outdoor unit etc all complete as directed by MDL Engineer. Insulation</p> <p>Preferred make - SUPERLON/K-FLEX/ARMACELL</p> <p>Note: Copper tubing work would be measured in running meters in one direction along the length from indoor unit to outdoor unit considering suction & discharge tubing as one combined set. Suction & discharge piping are not considered seperately one from another for arriving at the BOQ quantity. For payment purpose 3 mtrs.of copper refrigerant piping per A.C unit will be deducted, since these are standard free supply with each A.C unit from Vendor/Manufacturer of A.C.</p>	650	Mtr	960.00	624,000.00
5	Supply & Installation of suitable L-Shaped / Fabricated brackets duly painted (1set) with bush & fasteners for mounting outdoor unit as directed by MDL Engineer				-
(a)	Suitable for 2.0 TR Capacity (Cassette Unit)	10	Nos	2,400.00	24,000.00
(b)	Suitable for 1.5 TR Capacity (Cassette Unit)	2	Nos	2,160.00	4,320.00
(c)	Suitable for 2 TR Capacity (Split AC)	2	Nos	1,800.00	3,600.00
(d)	Suitable for 1.5 TR Capacity (Split AC)	6	Nos	1,200.00	7,200.00
(e)	Suitable for 1 TR Capacity (Split AC)	4	Nos	1,200.00	4,800.00
6	Supply & installation of ISI mark UPVC plumbing grade condensate drain pipe with nitrile rubber insulation of 6 mm				-



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	thk. & fittings with supports & clamps etc all complete for taking out condensate drain water from AC Units up to the Ground Level / washroom as directed by MDL Engineer, including looping. Preferred Make of UPVC PIPE - PRINCE / ASTRAL / SUPREME Preferred make of insulation - SUPERLON/K-FLEX/ARMACELL				
(a)	32 mm dia	450	Mtr	470.40	211,680.00
b	25 mm dia	550	Mtr	264.00	145,200.00
7	Supply & installation of 2.5 Sq mm 4 core Electrical cable for Inverter split AC (from indoor units to outdoor units) all complete as directed by MDL Engineer.	800	Mtr	180.00	144,000.00
8	Installation of ceiling suspended Cassette Inverter Air conditioner inclusive of Indoor Unit, Out door unit. Testing & Commissioning, 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 refrigerant gas (eco friendly) considering lengths of copper piping & A.C units capacity etc all complete as directed by MDL Engineer.				-
(a)	Minimum 2.0 TR Capacity (Cassette)	10	Nos	4,539.60	45,396.00
(b)	Minimum 1.5 TR Capacity (Cassette)	2	Nos	4,539.60	9,079.20
9	Installation of Split Inverter AC inclusive of Indoor Unit, Out door unit, Testing & Commissioning, 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 refrigerant gas (eco friendly) considering lengths of copper piping & A.C units capacity etc all complete as				-



S.N.	Item Description	Unit	Qty	Rate (Rs.)	Amount (Rs.)
	directed by MDL Engineer.				
a	Suitable for 2.0 TR Capacity (Split AC)	2	Nos	3,600.00	7,200.00
b	Suitable for 1.5 TR Capacity (Split AC)	6	Nos	2,400.00	14,400.00
c	Suitable for 1 TR Capacity (Split AC)	4	Nos	2,400.00	9,600.00
10	Supply, fabrication, fixing in positions with suitable GI angle supports GI perforated cable trays bolted types with all necessary bends, connectors etc. and fabricated using minimum 14 gauges CRCA sheet. Further the rates shall also include supporting of these trays complete as required and as per final directions and final approval of MDL Engineer				-
(a)	Size: 300mm Wide & 75mm Deep.	200	Mtr	480.00	96,000.00
(b)	Size: 300mm Wide & 75mm Deep with Top Cover (Inverted cable tray)	200	Mtr	1,420.00	284,000.00
11	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 fasteners 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 MDL Engineer	2000	Kg	180.00	360,000.00
	TOTAL C (MECHANICAL & HVAC WORKS) Rs.				38,53,458.40
	Part II - TOTAL A+B+C (CIVIL+ELECTRICAL+MECHANICAL & HVAC) Rs.				229,65,061.90
	Total (Part I + II)				2,79,90,948.88
	GST @18%				50,38,370.80
	Grand Total (Part I+II) Incl. GST				3,30,29,319.67



MDL Tender No. 1900000181

Enclosure-20**LIST OF TENDER DRAWINGS**

SR.NO.	DRAWING	
1.	TS/CV/RA/AH/03	3 rd floor layout of Angre House
2.	Nil	Kitchen Drawing (Guest House/Flat No. 304)
3.	Nil	Existing & proposed Layout of Vigilance Dept. & Mezzanine floor



Enclosure-21

**MAZAGON DOCK SHIPBUILDERS LIMITED
TECHNICAL SERVICES DEPARTMENT**

Sub: Modernization of Guest House/Flat No. 304, Angre House, Residential Area, Mazzanine floor West Block, Vigilance Dept. & HVAC area 1st floor, West Block, NY, MDL, Mumbai.

Ref: MDL Tender No.1900000181

Technical Specification: Attached Separately



MDL Tender No. 1900000181

Enclosure-22

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	Name & Signature	
				Contractors Representative	Site Executive of MDL		Contractors Representative	Site Executive of MDL



MDL Tender No. 1900000181

Enclosure-23**Mazagon Dock Shipbuilders Ltd.****Loss of Pass - Contractor/Vendors.**

1. Penalties will be imposed towards loss of passes/ non renewal of passes apart from warning as deemed necessary for contractors, vendors & their workers. This is in addition to cost of the pass prescribed from time to time.

Loss:

- | | |
|------------------|---------------------------------------|
| a) First loss - | Rs. 250/- |
| b) Second loss - | Rs. 500/- |
| c) Third loss - | Rs. 1000/- and permanent cancellation |

Non-Renewal:

- | | |
|----------------------|-----------------------------|
| a) Upto 4 days- | No Penalty |
| b) 5-10 days- | Rs. 5/- per day |
| c) 11 days & beyond- | Rs. 50/- + Rs. 10/- per day |

2. **Procedure for duplicate pass due to loss:**

The loss has to be immediately reported to the concern Police Station. Thereafter a statement narrating circumstances of the loss, countersigned by the contractor and EIC shall be submitted to security office along with the prescribed penalty.



माझगांवडॉकशिपबिल्डर्सलिमिटेड

तकनीकी सेवाएँ विभाग

INVOICE CERTIFICATION

HOD (TS-Comm)

Ref No.:

Date:

Firm's Name: M/s. _____

RA Bill No: _____

A. Contract Details:

- Subject: _____
- MDL P.O. No: _____ dated: _____ Value: _____
- PO Original Delivery date: _____ Extended Delivery Date (if any): _____
- Contractor All Risk Policy vide No. _____ date.: _____ for an amount of Rs _____ Valid till dated _____
- Performance Bank Guarantee/ Security Deposit vide No. _____ dated: _____ Rs. _____ Valid till _____
- Stamp Duty Paid vide Challan No. _____ Rs. _____

B: Invoice Details:

- Firms Invoice No: _____ dated _____
- Period of Work: From _____ To _____

S.N.	Description	Amount in Rs.
1.	RA Bill Amount	
2.	Escalation Amount	
3.	Total	

C. Certification Details:

The following have been appended along with the GST Tax Invoice:

- MDL service entry sheets duly signed attached : Yes/ Not Applicable
Service Entry Sheet No. _____
EMB No. _____
- Consultant's Certificate (if applicable) : Yes/ Not Applicable
Reference No. _____ Dated: _____
- E-invoice/Vendor's Self Declaration: Yes/ Not Applicable
- No Claim Certificate (applicable for Final Invoice only) : Yes/ Not Applicable
- Vendor rating (applicable for Final Invoice only): Yes/ Not Applicable
- Actual Local Content Certificate (applicable for Final Invoice only) : Yes/Not Applicable
- Price indices & Escalation sheet (if escalation is included) : Yes/ Not Applicable
- Bank Guarantee against Waterproofing/ Leakages (applicable for Final Invoice only) : Yes/ Not Applicable
- The following deductions to be made from the invoice:
 - Liquidated Damages as per purchase order : To be levied/Not Applicable Details of LD to be levied (if applicable): _____
 - Other Deductions (if any): _____
 - Release of Provisional Retained Amount (if any): _____

Engineer in Charge / HOD (Comm)
(Sign & Stamp with date)

Contractor
(Name, Sign & Stamp with Date)

Note: In case the invoice(s) are pertaining to Escalation only, endorsement of Engineer in Charge not required.



MDL Tender No. 1900000181

Enclosure-25**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 moves 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.

**Enclosure-26**

CHECKLIST OF SUBMITTALS ATTACHED ALONGWITH ONLINE TECHNICAL BID
TENDER ENQUIRY No. 1900000181

Bidder to indicate Submitted/ Not submitted and Yes / No under relevant Column and Reasons for Non submissions if any

Sl No	Submittals (Scanned Copy)	Whether Submitted/ Not Submitted/ Not Applicable	Bidder to indicate the Reasons below for Non Submissions if any, or if they have indicated "NO" under relevant columns
1	Enclosure-1 viz Form of undertaking		
2	Enclosure-2 viz TEF Acceptance Form		
3	Enclosure-3 viz STACS Acceptance Form		
4	Enclosure-4 viz GT&C Acceptance Form		
5	Enclosure-5 viz Deviation Form		
6	CA certified Average Audited Annual financial turnover of Past 03 years		
7	Audit certified Balance Sheets of Past 03 years		
8	Audit certified Profit/Loss Accounts of Past 03 years		
9	a. Enclosure-6 & 7 viz Bidding Capacity		
	b. Whether Enclosure-6 Certified by CA	Yes/ No	
	c. Whether Enclosure 7 Certified by CA	Yes/ No	
	d. Whether PO Copies in respect of Projects mentioned in Enclosure 7 submitted		
10	Enclosure-8 viz Exp in Similar Projects		
	a. Work Orders along with Scope of work and BOQ		
	b. Completion Certificates issued / authenticated by Client		
	c. TDS Copy in case of Work Completion Certificate issued by Private firm		
11	Enclosure-9 viz Key Personnel for this Project		
12	i) Enclosure-10(A/C) viz. Declaration certificate for Local Content		
	a. Whether Tender Item Sl No indicated at Col I of Para (e)of Enclosure	Yes/ No	
	b. Whether Local Content Percentage indicated at Col II of Para (e)of Enclosure	Yes/ No	



Sl No	Submittals (Scanned Copy)	Whether Submitted/ Not Submitted/ Not Applicable	Bidder to indicate the Reasons below for Non Submissions if any, or if they have indicated "NO" under relevant columns
	c. Whether Location of Value addition indicated at Col III of Para (e) of Enclosure	Yes/ No	
	d. Whether Enclosure-10(A/C) viz. Declaration Certificate for Local Content has been signed by Authorised Signatory as indicated at Tender Clause No. 40.4(i)	Yes/ No	
	ii) Enclosure-10(E) viz Declaration in respect of restriction under Rule 144 (xi) of the General Financial Rules (GFRs), 2017		
	iii) Enclosure-10(F) viz Declaration in respect of of debarred under Public Procurement Policy (PPP) Make In India (MII) order 2017		
13	Enclosure-11 viz Declaration for Banned or delisted Tenderer		
14	Enclosure-15 viz EMD Format		
15	Enclosure-13 - Integrity Pact	Yes/ No	
16	a. Enclosure-14 viz RTGS Form		
	b. Whether RTGS form is duly authenticated by any Bank	Yes/ No	
17	a. Solvency Certificate	Yes/ No	
	b. Whether Solvency Certificate is addressed to MDL	Yes/ No	
	c. Whether Solvency Certificate is issued within 6 month from Tender closing date	Yes/ No	
	d. Whether Solvency is issued by the bank from the list of banks as per MDL website	Yes/ No	
18	GST Registration Certificate		
19	PAN CARD		
20	a. Shop & Establishment Registration Certificate or Certificate of Incorporation		
	b. Whether Shop and Establishment Certificate is valid as on date of submission	Yes/ No	
21	"UDYAM Registration Certificate" in case Bidder is MSME	Not Applicable	
22	Company Profile		
23	List of Equipments		



Sl No	Submittals (Scanned Copy)	Whether Submitted/ Not Submitted/ Not Applicable	Bidder to indicate the Reasons below for Non Submissions if any, or if they have indicated "NO" under relevant columns
24	Power of Attorney		
25	Corrigendum, if any		
26	Enclosure-28, Certification for Disposal of Scrap/Debris		
27	Enclosure-29-Declaration in respect of Conflict of Interest among Bidders/ Agents		

The Bidder hereby declares that in case any of the above submittals are **not submitted/ not appended** along with the tender bid or the bidder have indicated "**No**" against any of the above submittals, MDL reserves the right to disqualify their bid for incomplete submission of the documents without assigning any reasons. The bidder shall be responsible for the incompleteness of their bid.

SIGNATURE _____

NAME _____

DESIGNATION _____

COMPANY SEAL

COMPANY _____

DATE _____



Address Label

Please cut & Affix Address label given below on the envelope for sending EMD and Integrity Pact

Sub: : Modernization of

- i. Guest House/Flat No. 304, Angre House in MDL Residential Area**
- ii. Vigilance Department, 1st Floor, West block & Mezzanine floor, West block, NY, MDL.**

EMD

To,

**Head of Department - Commercial,
Technical Services Department,
1st Floor, Admin Building, Alcock Yard,
Mazagon Dock Shipbuilders Limited,
Dock Yard Road, Mumbai - 400010.**

From,



Enclosure-28



माझगांव डॉक शिपबिल्डर्स लिमिटेड
तकनीकी सेवाएँ विभाग

Certification for Disposal of Scrap/Debris

Sub: Modernization of

- i. Guest House/Flat No. 304, Angre House in MDL Residential Area**
- ii. Vigilance Department, 1st Floor, West block & Mezzanine floor, West block, NY, MDL.**

Ref: MDL Tender No. 1900000181

RA NO.:

This is to certify that there is no accumulation of scrap/debris at site in sizable quantum, in respect of the works carried out for the subject work, as on date.

The scrap/debris generated from the above work is disposed off as per extant procedure.

Engineer in Charge

(Name, Sign & Stamp with date)

Contractor

(Name, Sign & Stamp with Date)

**MDL Tender No. 1900000181****Enclosure-29****Declaration in respect of Conflict of Interest among Bidders/ Agents**

We, hereby, declare that we do not have Conflict of Interest with other Bidders. We shall be disqualified if found having conflict of interest with other bidders.

We may be considered to have a conflict of interest with one or more parties in this bidding process, if:

- a) We have controlling partner(s) in common; or*
- b) We received or have received any direct or indirect subsidy/ financial stake from any of them; or*
- c) We have the same legal representative/ agent for purpose of this bid; or*
- d) We have relationship with each other, directly or through common parties, that puts us in a position to have access to information about or influence on the bid of another Bidder; or*
- e) We participate in more than one bid in this bidding process. Participation by us in more than one Bid will result in the disqualification of all bids in which the parties are involved. However, this does not limit the inclusion of the components/ sub-assembly/ Assemblies from one bidding manufacturer in more than one bid.*
- f) In case of a holding company having more than one independently manufacturing units, or more than one unit having common business ownership/ management, only one unit should quote. Similar restrictions would apply to closely related sister companies. We must proactively declare such sister/ common business/ management units in same/ similar line of business.*

SIGNATURE:_____**DATE:_____****Seal / Stamp of Bidder**