



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

<u>ई-निविदा फॉर्म दो हिस्सो में</u> e-TENDER ENQUIRY FORM (TEF) Two-Bid System

मंडलः समवाय विभागः बाह्यस्त्रोत-तकनीकी सेवाएँ DIVISION: SHIP BUILDING DEPARTMENT: OTS-TECHNICAL SERVICES

निविदा क्रमांक: १९००००२३६ निविदा जारी दिनांक :17 ओक्टोबर, २०२५ TENDER NO: 1900000236 TENDER DATE: 17th Oct, 2025

निविदा देय दिनांक एवं समयः <u>10 नवम्बर २०२५ दोपहर १४०० बजे</u> CLOSING DATE & TIME: <u>10th Nov 2025</u> at 1400 Hrs

भाग १ - तकनीकी एवं वाणिज्यिक हिस्सा खोलने (ऑनलाइन) कि तिथि एवं समय: 11 नवम्बर २०२५; दोपहर १४०० बजे से Online Opening of Part-I (Techno-commercial Bid): 11th Nov 2025, 1400 Hrs. IST onwards

माझगांव डॉक शिपबिल्डर लिमिटेड प्रासिद्ध निविदाकर्ताओं / विक्रेताओं से निम्नलिखित कार्य के लिए प्रतियोगी ऑनलाइन निविदाएँ दो हिस्सो में (भाग १ - तकनीकी एवं वाणिज्यिक हिस्सा और भाग २ - मूल्य हिस्सा) अपने ई-प्रॉक्यूरमेंट पोर्टल https://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 https://eprocuremdl.nic.in for the following Work / Services: |
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| if Files Bid) of e-procurement portal inteps.//eprocuremur.mc.m for the following work / Services. |
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कार्य का वर्णन DESCRIPTION OF WORK

छठी मंजील, ओटीएस विभाग, उत्तर ब्लॉक-१, उत्तर यार्ड का आधुनिकीकरण, एमडीएल, मुंबई

Modernization of Costing & Budgeting & Treasury Section, Finance Department,6th floor, Mazdock House, MDL, Mumbai.

निविदा क्र.: १९०००००२३६

TENDER NO: 1900000236



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1. प्रस्तावना /PREAMBLE

- **1.1.** Mazagon Dock Shipbuilders Ltd. (MDL), a listed Company, hereinafter referred as Employer (Client), is a Public Sector Undertaking by the Government of India under the administrative control of Department of Defense production, Ministry of Defense.
- **1.2.** MDL's main business/ activities are Shipbuilding, Submarine Construction and Heavy Engineering Works.
- **1.3.**MDL intends to undertake Modernization of Costing & Budgeting &Treasury Section, Finance Department,6th floor, Mazdock House, MDL, Mumbai.

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

- **2.1.** The brief Scope of Work, Technical Specification & List of preferred Makes is appended at **Enclosure-21**
- **2.2.** The Safety Instruction & Statutory compliances are attached at **Annexure A & B** respectively.

2.3. Scope of Civil Work.

Dismantling of Existing: Damaged Plaster, Wooden-Aluminum partition, doors with frames, windows, Storages Shutter, curtains, Wooden-Gypsum Ceiling, Floor tiles, wall tiles, brick work, plumbing (Water supply & Drainage) lines, sanitary fittings, Water-proofing, Damaged RCC, Main entrance door with frame etc.

A. Providing /applying/laying/ fixing with Technical Specifications & List of Preferred Makes are as follows

- 1. Rust removal & preventing for existing reinforcement.
- 2. Polymer Modified Mortar for damaged RCC members.
- 3. Brick work.
- 4. Internal & external cement plaster.
- 5. PCC for leveling
- 6. Chemical water proofing/coating.
- 7. Brick Bat-coba waterproofing.
- 8. Drainage/Sewage lines in toilet & Pantry.
- 9. Granite Frame for Toilet & door & windows.
- 10. Water supply lines in Toilet block
- 11. Wall & Floor tiles in toilet and Pantry.
- 12. Granite Framing for staircase
- 13. Four/Three Track Aluminum Sliding Windows.
- 14. Ventilators with Aluminum
- 15. Vitrified tile flooring in Office Area, Skirting.
- 16. Aluminum frame, Ply-wood with Laminate Finish Fully (Partition) & semi-glazed (Front side) partitions.
- 17. Low Height Storage Unit (Half).



- 18.35 mm-Shutter-with vision Panel.
- 19. False ceiling
- 20. Plywood + Laminate wall/Beam paneling.
- 21. Providing Fixing Sanitary fixtures @ Gent's & Ladies Toilet.
- 22. EWC, IWC & Urinals with urinal partition.
- 23. Counter sunk wash basins with platform.
- 24. Pantry Platform with Kitchen Sink.
- 25. Roller blinds to windows etc.
- 26. Pest control and anti-termite treatment.
- 27. Painting and finishing.
- 28. Providing and fixing 'L' shaped workstation and Rectangular Workstation with all accessories.
- 29. Technical specification shall be as per Central Public Work Dept. Specification and relevant IS Code.
- 30.In case IS code for any activities are not available, the same shall be executed as per relevant others codes with the approval of Engineer In charge.
- 31. Further, if any item is/are not covered in IS Code, the same shall be carried out as per Manufacturer's specification.
- 32. The firm/vendor may note that the specification(s) of BOQ shall be read in conjunction with preferred make for each item and materials /items to be executed as per above and quotation /rate to be filled accordingly.

LIST OF MATERIALS OF PREFERRED BRAND / MANUFACTURER

| Sr.no | Description | Preferred make | | |
|-------|---------------------------|---|--|--|
| 1 | Cement 53 Grade / 43 | Gujarat Ambuja, A.C.C., Ultra-tech, | | |
| | Grade only for Concrete | Birla | | |
| | works | | | |
| | Cement Portland Pozzolana | Gujarat Ambuja, A.C.C., Ultra-tech, | | |
| | (Fly ash based) for | Birla | | |
| | Plastering,masonry etc. | | | |
| 2 | White Cement | Birla white, JK, Plasto shine wall putty, | | |
| | | M/s Walplast products pvt. Ltd. | | |
| 3 | Mild & TOR Steel | Sail, Tisco, RashtriyaIspat Nigam, | | |
| | | Jindal or equivalent | | |
| 4 | Structural steel | SAIL/TATA/RINL/TISCO/JINDAL | | |
| 5 | AAC blocks | Ultratech/ Ascolite/ Siporex/Godrej & | | |
| | | Boycee or equivalent | | |
| 6 | Luster oil paint | Nerolac / Akzo Nobel/ Asian Paint. | | |
| | | · | | |
| | | | | |



| Semination paint | 7 | Emulaion point | Nerolac/ Akzo Nobel / Asian Paints | |
|--|----------|---------------------------------------|---------------------------------------|--|
| 8 Epoxy paint | ' | Emulsion paint | · · · · · · · · · · · · · · · · · · · | |
| 9 Tiles Matt or polished | 8 | Epoxy paint | 1 | |
| 10 Granite | | | | |
| 11 Italian Marble | | | or equivalent | |
| 12 | 10 | Granite | As approved by Architect | |
| equivalent 3M/ Garware/LG or equivalent CICO/Sunanda/Sika/MC Bauchemie/ Krishna Conchem/Asian/Dr. Fixit 15 Polymer modified mortar/Micro concrete 16 Rust Preventive Bonding coat Trishna Conchem/ Sunanda/ BASF or equivalent Krishna Conchem/ Sunanda/ BASF or equivalent Krishna Conchem/ Sunanda BASF or equivalent Krishna Conchem/ Sunanda specialty coating/Fosroc or equivalent Saint Gobain/ Asahi India Glass Ltd / Gujarat Guardian – Modiguard or equivalent Jindal/ TATA/ SWASTIK / OR EQUIVALENT SWR PVC PIPE & FITTINGS 6 KG CM²; FITTINGS: 6 KG CM² ECO. DRAIN PIPE & FITTINGS GIRCO / TIRUMALA / SONIA/ SUPREME/ ASTRAL GIRCO / TIRUMALA / SONIA/ SUPREME/ ASTRAL GIRCO / TIRUMALA / SONIA/ SUPREME/ ASTRAL CI. PIPE & FITTINGS NICO OR EQ. | 11 | Italian Marble | As approved by Architect | |
| 13 | 12 | Plywood | | |
| Water proofing chemicals | | | - | |
| Bauchemie / Krishna Conchem/Asian/Dr. Fixit 15 Polymer modified mortar/Micro concrete 16 Rust Preventive Krishna Conchem/ Sunanda / BASF or equivalent 17 Bonding coat Krishna Conchem / Sunanda / BASF or equivalent 18 Glass Saint Gobain / Asahi India Glass Ltd / Gujarat Guardian – Modiguard or equivalent 19 Galvalume roof Jindal / TATA / SWASTIK / OR EQUIVALENT 20 SWR PVC PIPE & FITTINGS 6 KG CM² ECO. DRAIN PIPE & FITTINGS 21 GULLY TRAP GIRCO / TIRUMALA / SONIA / SUPREME / ASTRAL 22 STONE WARE PIPES GIRCO / TIRUMALA / SONIA 23 RCC HUME PIPES INDIAN HUME PIPE / PRANALI 24 C.I. PIPE & FITTINGS NICO OR EQ. | | | | |
| Conchem/Asian/Dr. Fixit 15 Polymer modified mortar/Micro concrete 16 Rust Preventive Krishna Conchem/ Sunanda/ BASF or equivalent 17 Bonding coat Krishna Conchem/ Sunanda specialty coating/Fosroc or equivalent 18 Glass Saint Gobain/ Asahi India Glass Ltd / Gujarat Guardian – Modiguard or equivalent 19 Galvalume roof Jindal/ TATA/ SWASTIK / OR EQUIVALENT SWR PVC PIPE & FITTINGS 6 KG CM² ECO. DRAIN PIPE & FITTINGS 20 GULLY TRAP GIRCO / TIRUMALA / SONIA/ SUPREME/ ASTRAL 21 GULLY TRAP GIRCO / TIRUMALA / SONIA/ SUPREME/ ASTRAL 22 STONE WARE PIPES GIRCO / TIRUMALA / SONIA 23 RCC HUME PIPES INDIAN HUME PIPE / PRANALI 24 C.I. PIPE & FITTINGS NICO OR EQ. | 14 | Water proofing chemicals | · · · · · · · · · · · · · · · · · · · | |
| Sunanda/ROFF/BASF or equivalent mortar/Micro concrete | | | , | |
| mortar/Micro concrete 16 Rust Preventive 17 Bonding coat 18 Glass 19 Galvalume roof Swr PVC PIPE & FITTINGS 6 KG CM² ECO. DRAIN PIPE & FITTINGS 20 GULLY TRAP GULLY TRAP GULLY TRAP GIRCO / TIRUMALA / SONIA/ SUPREME / ASTRAL GIRCO / TIRUMALA / SONIA/ SUPREME / ASTRAL GIRCO / TIRUMALA / SONIA SUPREME / ASTRAL CIRCO / TIRUMALA / SONIA SUPREME / ASTRAL SU | 1 = | D 1 1'C' 1 | | |
| Rust Preventive Krishna Conchem/ Sunanda/BASF or equivalent | 15 | 1 - | Sunanda/ROFF/BASF or equivalent | |
| BASF or equivalent 17 Bonding coat Krishna Conchem/ Sunanda specialty coating/Fosroc or equivalent 18 Glass Saint Gobain/ Asahi India Glass Ltd / Gujarat Guardian – Modiguard or equivalent 19 Galvalume roof SWR PVC PIPE & FITTINGS 6 KG CM²; FITTINGS: 6 KG CM² ECO. DRAIN PIPE & FITTINGS: 6 KG FITTINGS 20 GULLY TRAP GIRCO / TIRUMALA / SONIA/ SUPREME/ ASTRAL 21 GULLY TRAP GIRCO / TIRUMALA / SONIA/ SUPREME/ ASTRAL 22 STONE WARE PIPES GIRCO / TIRUMALA / SONIA SUPREME/ ASTRAL 23 RCC HUME PIPES INDIAN HUME PIPE / PRANALI 24 C.I. PIPE & FITTINGS NICO OR EQ. | 16 | , | Unich no Conchant / Cunondo / | |
| Swr pvc pipe & fittings Finolex / Supreme/Prince | 10 | Rust Preventive | · · · · · · · · · · · · · · · · · · · | |
| specialty coating/Fosroc or equivalent 18 Glass Saint Gobain/ Asahi India Glass Ltd / Gujarat Guardian – Modiguard or equivalent 19 Galvalume roof Jindal/ TATA/ SWASTIK / OR EQUIVALENT SWR PVC PIPE & FITTINGS 6 KG CM²; FITTINGS: 6 KG CM² ECO. DRAIN PIPE & FITTINGS 20 GULLY TRAP GIRCO / TIRUMALA / SONIA/ SUPREME/ ASTRAL 21 GULLY TRAP GIRCO / TIRUMALA / SONIA/ SUPREME/ ASTRAL 22 STONE WARE PIPES GIRCO / TIRUMALA / SONIA 23 RCC HUME PIPES INDIAN HUME PIPE / PRANALI 24 C.I. PIPE & FITTINGS NICO OR EQ. | 17 | Randing coat | * | |
| equivalent 18 Glass Saint Gobain/ Asahi India Glass Ltd / Gujarat Guardian - Modiguard or equivalent 19 Galvalume roof Jindal/ TATA/ SWASTIK / OR EQUIVALENT SWR PVC PIPE & FITTINGS 6 KG CM²; FITTINGS: 6 KG CM² ECO. DRAIN PIPE & FITTINGS 19 GULLY TRAP GIRCO / TIRUMALA / SONIA/ SUPREME/ ASTRAL 20 GIRCO / TIRUMALA / SONIA/ SUPREME/ ASTRAL 21 GULLY TRAP GIRCO / TIRUMALA / SONIA/ SUPREME/ ASTRAL 22 STONE WARE PIPES GIRCO / TIRUMALA / SONIA 23 RCC HUME PIPES INDIAN HUME PIPE / PRANALI 24 C.I. PIPE & FITTINGS NICO OR EQ. | 11 | Boliumg coat | • | |
| Saint Gobain/ Asahi India Glass Ltd / Gujarat Guardian - Modiguard or equivalent 19 Galvalume roof Jindal/ TATA/ SWASTIK / OR EQUIVALENT SWR PVC PIPE & FITTINGS 6 KG CM²; FITTINGS: 6 KG CM² ECO. DRAIN PIPE & FITTINGS 19 GULLY TRAP GIRCO / TIRUMALA / SONIA/SUPREME/ ASTRAL 20 GIRCO / TIRUMALA / SONIA/SUPREME/ ASTRAL 21 GULLY TRAP GIRCO / TIRUMALA / SONIA/SUPREME/ ASTRAL 22 STONE WARE PIPES GIRCO / TIRUMALA / SONIA 23 RCC HUME PIPES INDIAN HUME PIPE / PRANALI 24 C.I. PIPE & FITTINGS NICO OR EQ. | | | | |
| / Gujarat Guardian - Modiguard or equivalent 19 Galvalume roof Jindal/ TATA/ SWASTIK / OR EQUIVALENT SWR PVC PIPE & FITTINGS 6 KG CM²; FITTINGS: 6 KG CM² FINOLEX / SUPREME/PRINCE SUPREME/ ASTRAL 20 GULLY TRAP GIRCO / TIRUMALA / SONIA/ SUPREME/ ASTRAL 21 GULLY TRAP GIRCO / TIRUMALA / SONIA/ SUPREME/ ASTRAL 22 STONE WARE PIPES GIRCO / TIRUMALA / SONIA 23 RCC HUME PIPES INDIAN HUME PIPE / PRANALI 24 C.I. PIPE & FITTINGS NICO OR EQ. | 18 | Glass | ± | |
| equivalent 19 Galvalume roof SWR PVC PIPE & FITTINGS 6 KG CM²; FITTINGS: 6 KG CM² ECO. DRAIN PIPE & FITTINGS 21 GULLY TRAP GIRCO / TIRUMALA / SONIA/ SUPREME / ASTRAL 22 STONE WARE PIPES GIRCO / TIRUMALA / SONIA 23 RCC HUME PIPES INDIAN HUME PIPE / PRANALI 24 C.I. PIPE & FITTINGS Indian Hume PIPE / PRANALI NICO OR EQ. | | | · · · · · · · · · · · · · · · · · · · | |
| OR EQUIVALENT SWR PVC PIPE & FITTINGS 6 KG CM²; FITTINGS: 6 KG CM² ECO. DRAIN PIPE & FITTINGS GIRCO / TIRUMALA / SONIA/ SUPREME / ASTRAL 21 GULLY TRAP GIRCO / TIRUMALA / SONIA/ SUPREME / ASTRAL 22 STONE WARE PIPES GIRCO / TIRUMALA / SONIA 23 RCC HUME PIPES INDIAN HUME PIPE / PRANALI 24 C.I. PIPE & FITTINGS NICO OR EQ. | | | | |
| SWR PVC PIPE & FITTINGS 6 KG CM²; FITTINGS: 6 KG CM² ECO. DRAIN PIPE & FITTINGS 21 GULLY TRAP GIRCO / TIRUMALA / SONIA/ SUPREME / ASTRAL 22 STONE WARE PIPES GIRCO / TIRUMALA / SONIA 23 RCC HUME PIPES INDIAN HUME PIPE / PRANALI 24 C.I. PIPE & FITTINGS NICO OR EQ. | 19 | Galvalume roof | Jindal/ TATA/ SWASTIK / | |
| 20 6 KG CM²; FITTINGS: 6 KG CM² ECO. DRAIN PIPE & FITTINGS 21 GULLY TRAP 22 STONE WARE PIPES 33 RCC HUME PIPES 44 C.I. PIPE & FITTINGS GIRCO / TIRUMALA / SONIA / SUPREME / ASTRAL FINOLEX / SUPREME/PRINCE SUPREME / ASTRAL FINOLEX / SUPREME/PRINCE SUPREME / ASTRAL FINOLEX / SUPREME / PRINCE SUPREME / ASTRAL FINOLEX / SUPREME / ASTRAL FINOLEX / SUPREME / PRINCE SUPREME / ASTRAL FINOLEX / SUPREME / PRINCE SUPREME / ASTRAL FINOLEX / SUPREME / PRINCE SUPREME / SUPREME / SUPREME / PRINCE SUPREME / SUPREME | | | OR EQUIVALENT | |
| 20 6 KG CM²; FITTINGS: 6 KG CM² ECO. DRAIN PIPE & FITTINGS 21 GULLY TRAP 22 STONE WARE PIPES 33 RCC HUME PIPES 44 C.I. PIPE & FITTINGS GIRCO / TIRUMALA / SONIA / SUPREME / ASTRAL FINOLEX / SUPREME/PRINCE SUPREME / ASTRAL FINOLEX / SUPREME/PRINCE SUPREME / ASTRAL FINOLEX / SUPREME / PRINCE SUPREME / ASTRAL FINOLEX / SUPREME / ASTRAL FINOLEX / SUPREME / PRINCE SUPREME / ASTRAL FINOLEX / SUPREME / PRINCE SUPREME / ASTRAL FINOLEX / SUPREME / PRINCE SUPREME / SUPREME / SUPREME / PRINCE SUPREME / SUPREME | | | | |
| 20 CM² ECO. DRAIN PIPE & FITTINGS 21 GULLY TRAP 22 STONE WARE PIPES 23 RCC HUME PIPES CM² SUPREME / ASTRAL GIRCO / TIRUMALA / SONIA/ SUPREME / ASTRAL GIRCO / TIRUMALA / SONIA SUPREME / ASTRAL CIRCO / TIRUMALA / SONIA INDIAN HUME PIPE / PRANALI 24 C.I. PIPE & FITTINGS NICO OR EQ. | | SWR PVC PIPE & FITTINGS | | |
| 20 CM ² ECO. DRAIN PIPE & FITTINGS 21 GULLY TRAP GIRCO / TIRUMALA / SONIA/ SUPREME / ASTRAL 22 STONE WARE PIPES GIRCO / TIRUMALA / SONIA 23 RCC HUME PIPES INDIAN HUME PIPE / PRANALI 24 C.I. PIPE & FITTINGS NICO OR EQ. | | 6 KG CM ² ; FITTINGS: 6 KG | FINOLEY / CLIDDEME /DDINCE | |
| FITTINGS 21 GULLY TRAP GIRCO / TIRUMALA / SONIA/ SUPREME / ASTRAL 22 STONE WARE PIPES GIRCO / TIRUMALA / SONIA 23 RCC HUME PIPES INDIAN HUME PIPE / PRANALI 24 C.I. PIPE & FITTINGS NICO OR EQ. | 20 | CM ² | , , | |
| 21 GULLY TRAP GIRCO / TIRUMALA / SONIA/ SUPREME / ASTRAL 22 STONE WARE PIPES GIRCO / TIRUMALA / SONIA 23 RCC HUME PIPES INDIAN HUME PIPE / PRANALI 24 C.I. PIPE & FITTINGS NICO OR EQ. | | ECO. DRAIN PIPE & | SUPREME/ ASTRAL | |
| SUPREME / ASTRAL 22 STONE WARE PIPES GIRCO / TIRUMALA / SONIA 23 RCC HUME PIPES INDIAN HUME PIPE / PRANALI 24 C.I. PIPE & FITTINGS NICO OR EQ. | | FITTINGS | | |
| SUPREME / ASTRAL 22 STONE WARE PIPES GIRCO / TIRUMALA / SONIA 23 RCC HUME PIPES INDIAN HUME PIPE / PRANALI 24 C.I. PIPE & FITTINGS NICO OR EQ. | 0.1 | OH IV TO A D | GIRCO / TIRUMALA / SONIA/ | |
| 23 RCC HUME PIPES INDIAN HUME PIPE / PRANALI 24 C.I. PIPE & FITTINGS NICO OR EQ. | 21 | GULLY TRAP | · · · · · · · · · · · · · · · · · · · | |
| 24 C.I. PIPE & FITTINGS NICO OR EQ. | 22 | STONE WARE PIPES | GIRCO / TIRUMALA / SONIA | |
| | 23 | RCC HUME PIPES | INDIAN HUME PIPE / PRANALI | |
| 25 PPR PIPES & PPR FITTINGS SUREME/PRINCE OR EQUIVALENT | 24 | C.I. PIPE & FITTINGS | NICO OR EQ. | |
| | 25 | PPR PIPES & PPR FITTINGS | SUREME/PRINCE OR EQUIVALENT | |



| 26 | M.S/G.I. PIPES FOR WATER SUPPLY | TATA / JINDAL/ SWASTIK or equivalent |
|----|--|--------------------------------------|
| 27 | ASTM/CPVC PIPE & FITTINGS FOR WATER SUPPLY | ASTRAL / SUPREME/ASHIRWAD / |
| 28 | COMPOSITE PLUMBING PIPE & COMPOSITE FITTINGS | KITEC OR EQ. |
| 29 | G.I. PIPES FITTINGS WATER SUPPLY | DRP-M / R-BRAND / ZOLOTO |
| 30 | SOLVENT CEMENT | SUPREME / KISSAN / FINOLEX |
| 31 | BALL VALVES | LEADER / ZOLOTO / AUDCO |
| 32 | WHEEL VALVES | LEADER / ZOLOTO/AUDCO |
| 33 | Workstation | Godrej, Durian, Pitoda |

2.4 Scope of ELECTRICAL Works

- 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, TV, Fridge, Oven.
- 11. Labeling PDB's, Modular Switch Boards, Data & Telephone Points etc. with Stick able Talley Plates.
- 12. Preparation of as Fitted Drawings (Four Copies) and submission of these sets after verification from Approving Authority.



2.5 Scope of MECHANICAL (HVAC) Works

- 2.5.1. GENERAL: The scope of work under this tender shall comprise of the following:
 - (a) Dismantling & removing existing VRF High Wall Indoor Unit & all its accessories etc. all complete in all terms including lifting, packing and shifting the same to a proper place in MDL as designated by client on site. The indoor units are to be packed properly and preserved in "as is" condition till re-installation to the existing new location.
 - (b) Installation, testing and commissioning of HVAC VRF system at Mazdock House 6th floor North Yard MDL comprising of indoor units, outdoor units, adequate length of power supply cables along with connecting pin & accessories.
 - (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. The preferred makes for Insulation are Superlon/K-Flex/Armacell.
 - (d) Supply and installation of ISI mark UPVC plumbing grade condensate drain pipe & fittings along with insulation and necessary supports & clamps etc. all complete for taking out condensate drain water from AC units up to the Ground Level. The preferred makes for UPVC pipes are Prince/Astral/Supreme and those for Insulation are Superlon/K-Flex/Armacell.
 - (e) Supply and laying of 2.5 Sq mm 4 core Electrical cable for Inverter split AC (from indoor units to outdoor units) all complete.
 - (f) 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.
 - (g) The contractor shall arrange free of cost servicing to be carried out (3 dry and 1 wet service of every three months during Defect liability period.
 - (h) The Contractor has to engage the services of an OEM (Hitachi) authorised vendor for carrying out the VRV/VRF work as per the scope.

2.5.2 Drawings and Documentation



- (a) The locations of the AC units are enclosed. Bidders are advised to visit the site and familiarize himself with the site conditions before submission of the bid. Clarifications, if any, may be discussed with the MDL Engineer-in-charge during the site visit.
- (b) After award of contract, Contractor is required to submit the print of installation/working drawings of A3 size in 04 sets for the above scope of work and get it approved from MDL before starting up the work. Drawings (plan and elevation) should indicate the exact locations of AC indoor units, outdoor units, capacities of the ACs, copper tubing layout from indoor to outdoor units and its size, condensate drain UPVC piping layout along with size and its looping/routing from A.C indoor units to the nearest drain point. Drawing shall contain tabulation of all measurable items of Equipment/Materials/works.
- (c) 4 sets of prints of approved drawings in A3 size to be submitted by the Contractor to MDL.
 - After completion of work, Contractor shall submit the handing over documents consisting of Handing over report, Commissioning report, Warranty report, Escalation Matrix, DOs & DONTs, Test certificate, Manual and as build drawing A3 size in a bound book form (04 sets).
- (d) The indoor and outdoor units shall be connected with refrigerant copper piping. All piping connections for the units should be performed inside the unit. The refrigerant copper piping should be insulated with nitrile foam. All refrigerant piping to be done with hard copper pipes only.
 - (e) UPVC piping for condensate drain: UPVC piping shall be measured in running meters as actually installed along the centre line of the pipe line including pipe fittings.

2.5.3 Testing & Commissioning

The performance, testing & commissioning of the complete HVAC system is required to be carried out by the HVAC Contractor to comply with the various parameters specified in the tender documents.

All tests shall be carried out for satisfactory performance in the presence of the representatives of the Client – MDL



Contractor shall raise call for inspection sufficiently in advance for witness by MDL via officially acceptable means such as e-mail & letters.

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 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, General Condition of Contract.
- 3.4. Tender due date extension may have considered if extension of time asked by bidder in 3 days in advance.
- 3.5. The online bid can be submitted by the authorized representative of the bidder as detailed below,
 - 3.5.1. By the Proprietor, in case of a proprietary firm; or
 - 3.5.2. By a Partner, in case of a partnership firm and/or a limited liability partnership;
 - 3.5.3. By a duly authorized person holding the Power of Attorney, in case of a Limited or Private Limited Company or a corporation.
- 3.6. In case of any techno-commercial query prior to submission of bids, the bidder(s) are requested to contact the following from MDL. Contact details are as under:



MDL

Shri. Naushad C S, DGM (OTS-TS)
Mail: nshaikh@mazdock.com
Tel No: +91 22 2376 3312
Mob No: 8108078627

Shri. Anant Garkhedkar DGM/HOS (OTS-PS & TS) Email: apgarkhedkar@mazdock.com Tel No: +91 22 2376 3086 Mob No: 9324019254

Letter(s)/emails shall be addressed to GM/HOD (OTS), MDL.

3.7. 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.

3.8. Corrigendum:

- 3.8.1. Before the deadline for submitting bids, MDL may update, amend, modify, or supplement the information, assessment or assumptions contained in the Tender Document by issuing a corrigendum.
- 3.8.2. The corrigendum shall be published in the same manner as the original Tender Document. Without any liability or obligation, the Portal may send intimation of such corrigendum to bidders who have downloaded the document under their login. However, the bidders' responsibility is to check the website(s) for any corrigendum. Any corrigendum thus issued shall be considered a part of the Tender Document. To give reasonable time to the prospective bidders to take such corrigendum into account in preparing their bids, MDL may suitably extend the deadline for the bid submission, as necessary. After MDL makes such modifications, any Bidder who has submitted his bid in response to the original invitation shall have the opportunity to either withdraw his bid or re-submit his bid superseding the original bid within the extended time of submission.
- 3.9. 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.
- 3.10. The bidder shall not take any benefit of grammatical or printing mistakes, which may have occurred.
- 3.11. **DEVIATIONS:** Deviations, if any, from Terms, Conditions & Technical requirements specified in the Tender Enquiry, General Conditions of Contract (GCC) 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.
- 3.12. Information relating to the examination, clarification, evaluation and comparison of bids, and recommendations for the award of a contract, shall not be disclosed to bidders or any



- other person not officially concerned with such a process until the award to the successful bidder has been announced.
- 3.13. From the time of bid opening to the time of contract award, no bidder shall contact MDL on any matter related to the bid, except on request and prior written permission.
- 3.14. Any effort by the bidder to influence MDL in bid evaluation, bid comparison or contract award decisions will vitiate the process and will result in the rejection of the bidder's bid.

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

- 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 https://eprocuremdl.nic.in
 - 5.1.1. <u>Techno-Commercial (Part-I) Bid:</u> Bidders shall submit/upload scanned copy of the following duly filled in, signed & stamped with company seal in online Part (I) bid:
 - i. In respect of technical requirements of the tender:
 - a. 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**.
 - b. Documents in support of general construction experience (Annual Turnover) **TEF Clause No.7.1.2.** in the format attached at **Enclosure-3**
 - c. List of Key Personnel available for this Project **TEF Clause No.7.1.4**, in the format attached at **Enclosure-9**
 - d. Under taking for making available the required Key personnel as specified in the tender.
 - e. Scanned copy of Bidder's company profile.



- ii. In respect of Commercial requirements of the tender:
 - a. Bidder's Undertaking at **Enclosure-1**.
 - b. 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**.
 - c. Acceptance on clauses of General Conditions of Contract (GCC) in the Prescribed Format appearing online stating 'Accepted' OR 'Not Accepted' as applicable for each of the clause in the format attached at **Enclosure-4.**
 - d. Deviations, if any, from Terms, Conditions & Technical requirements specified in the Tender Enquiry, GCC with reasons thereof shall be clearly indicated against the relevant clause(s) in the format attached at **Enclosure-5**.
 - e. CA Audited & certified Average Annual financial turnover during the last 3 years ending **31st March**, **2024 TEF Clause No.7.2.7**. **a** Bidders shall upload scanned copies of Audit certified Balance Sheets & Profit/Loss Accounts for the last 3 years. Draft Audited Reports are not acceptable.
 - f. Bidders shall furnish Available Bid Capacity as required in **TEF Clause No. 7.2.5** and **Enclosure-6 & 7** duly certified by Charted Accountant and scanned copy of the same shall be uploaded in online Part-I bid
 - g. 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.
 - h. Bidder shall submit Declaration in respect of restriction under Rule 144 (xi) of the General Financial Rules (GFRs), 2017 **TEF Clause No. 41** in the format attached at **Enclosure-10 (E).**
 - i. Bidder shall submit Declaration in respect debarred under Public Procurement Policy (PPP) Make in India (MII) **TEF Clause No.40** order, in the format attached at **Enclosure-10 (F)**.
 - j. 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**.
 - k. Online transfer or NEFT receipt.
 - 1. 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(बाह्यस्तोत), बाह्यस्त्रोत -तकनीकी सेवाएँ, छटा मंज़िल, सर्विस ब्लॉक बिल्डिंग, नॉर्थ यार्ड, माझगांव डॉकशिपबिल्डर्स लिमिटेड, डॉकयार्ड रोड, मुंबई – ४०००१० (भारत) Head of the Department (OTS), OTS-TS Department, 6th Floor, Service Block Building, North Yard, Mazgoan Dock Shipbuilders Limited,



Dock Yard Road, Mumbai - 400010 (INDIA)

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

- m. Scanned copy of Bank details for payment by NEFT/RTGS/ECS with authenticated by the Banker in the format attached at **Enclosure-14**.
- n. Scanned copy of **GST Registration Certificate & Permanent Account Number** (PAN).
- o. Bidder ESIC code as per ESIC act and PF code- Bidder should have valid registration with Employees Provident Fund Organization under 'EPF and Miscellaneous Provisions Act, 1952'
- p. Scanned copy of Valid Bidder's Shop & Establishment Registration Certificate or Certification of Incorporation from Registrar of Companies or registration certificate from Registrar of firms.
- q. In case of Bidder registered with Mazagon Dock Shipbuilders Limited <u>may</u> <u>upload scanned copy</u> of Valid Registration Certificate issued by MDL, for the items/services for which the offer is being submitted.
- r. Power of Attorney, in case of a Limited or Private Limited Company or a corporation.
- s. CHECKLIST OF SUBMITTALS attached along with online Technical Bid as per format at **Enclosure-26**.
- t. Declaration in respect of Conflict of Interest among Bidders/Agents- **Enclosure- 29** to be filled and submitted duly signed and stamped.
- u. Signed copy of Corrigendum if issued by MDL.
- v. Submission of Working Capital CA Certificate TEF Clause No.7.2.7. b.
- w. Blank Price bid indicating 'quoted / not quoted' against percentage quote and GST %, HSN code.

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) Bidders are requested to ensure that only relevant documents complete in all respect as indicated in the tender should be attached with their offer. The first page of every uploaded set of scanned document shall be with an index of its contents. In case the offers received against this tender are more than 20, no opportunity will be extended for submission of deficient documents after opening of bids. The evaluation of the offers will be carried out and bidders will be qualified based on the documents received along with their offer.
- iv) MDL reserves the right to seek clarification/ deficient documents from all the bidders quoted against the tender in the following cases:
 - a. For tenders with Overall ranking: If number of the techno-commercially qualified bids are less than X+5 where X is the number of order proposed to be placed.
- v) The bidder is required to compulsorily select "ACCEPTED" or "DEVIATION" from the choices available against the relevant Para no. /Clause no. of TEF/GCC (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 at Enclosure 19 and total estimated amount indicated in the Online 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 at Enclosure 19 and the total estimated value, shall quote their overall percentage at par, below or above the estimated rates and GST percentage in the Online Price bid (Part-II).
- e. The percentage quoted/agreed by the Bidder shall be applied to the estimated rates of individual items in the BOQ, trunking 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.
- g. However, Purchase Preference in line with Clause No 40.2 shall be given to Class I Local Supplier.
- h. 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 **https://eprocuremdl.nic.in** prior to the tender closing date & time.

7. पुर्व योग्यता मापदंड/ PRE-QUALIFICATION CRITERIA:

- 7.1. Technical POC
 - 7.1.1. Particular experience-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 July 2025 should be either of the following:

7.1.1.1. <u>तीन समरूप संपन्न कार्य जिसकी प्रत्येक की लागत ₹ ४९ लाख से कम न हो।</u>
Three similar* completed works each costing not less than ₹ 49 Lakhs.

OR

7.1.1.2. दो समरूप संपन्न कार्य जिसकी प्रत्येक कीलागत ₹ ६१ लाख से कम न हो।

Two similar* completed works each costing not less than₹ 61 Lakhs.

OR

7.1.1.3. एक समरूप संपन्न कार्य जिसकी प्रत्येक कीलागत ₹ ९७ लाख से कम न हो।

One similar* completed work costing not less than ₹ 97 Lakhs.



*Similar Work:

"Similar work shall mean "Interior works of Offices/Commercial Complex/Shopping Complex/Recreational Clubs/Housing Society which includes Civil/Interior, HVAC/AC and associated Electrical works."

In respect of the above, following shall be applicable

- (i) 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 inhouse 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.
- (ii) Successfully completed or substantially completed similar works can also be considered for above similar works. Substantial completion shall be based on 80 (eighty) per cent (value wise) or more works completed under the contract. (Note: Substantial completion should not be defined in terms of percentage completion, rather it should be based on functional consideration.)
- (iii) Client certificate for 'substantial project/work/asset should contain two parts. Part-I shall 'Financial value of work done' or client certified invoice and Part-II shall contain; certificate of functional completion of project/work/asset'.
- 7.1.2. 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.

7.1.3. General Construction Experience:

The bidder should have achieved an annual turnover of general construction work of at least Rs. 274 lakhs in any of the year over a period of 7 years, ending 31st March 2024. Further, out of the above annual turnover in the relevant year, the bidder should have achieved at least Rs. 137 lakhs from Interior Works. Bidder has to submit a certificate from their Charted Accountant for the above, works carried out.



Personnel Capability: The Contractor's Key Personnel should meet the requirements of qualification and experience as under.

| Sr. | Designation of | Total No | Qualification | Minimum |
|-----|------------------|--------------------|---------------|--------------|
| No. | Key Personnel | | | Experience |
| | | | | (In Years) |
| 1 | Project Manager | 1 (Civil Engineer) | Graduate | 2 or 5 |
| | cum planning/ | | Engineer or | respectively |
| | quality/ site/ | | diploma | |
| | billing Engineer | | Engineer | |

7.1.5 Special Condition: Recovery shall be made from the contractor in the event of not fulfilling of above at para 7 (7.1.4):15000/- per month per person

7.2. Commercial PQC

- 7.2.1. Submission of requisite Instrument in support of Bid Security viz. EMD/Proof of EMD Exemption.
- 7.2.2. Submission of Valid Bidder's Shop & Establishment Registration Certificate or Certification of Incorporation from Registrar of Companies or registration certificate from registrar of firms.
- 7.2.3. Submission of Available Bid Capacity equal to or more than Rs.103 lakhs.

The Available Bid Capacity of the Bidder should be equal to or more than **Rs.103 lakhs**. The Available Bid Capacity shall be calculated as under:

Available Bid Capacity = [1.5xAxN]-B, where

- i. A = Maximum value of General Construction works executed in any one year during the last five years (updated at the current price level by applying a weightage of 7% per annum), taking into account the completed as well as works in progress. Value of engineering works executed during last five years shall be certified by Chartered Accountant and shall be considered for evaluation.
- ii. N = Number of years prescribed for completion of work for which bids have been invited =0.75 (09 Months)
- iii. B = Value (updated at the current price level) of the existing commitments and ongoing works to be completed in the next 'N' years. This statement should be submitted duly verified by Chartered Accountant.

Note: - The yield rate of GoI bonds as on the closing date of the tender shall be considered as discounting factor for updation of the value of "B".

- 7.2.4. The Bidder shall submit the details as required in **clause7.2.5** above in preformat **Enclosure- 6 & 7.**
- 7.2.5. Financial Capabilities'



- a. Bidder's average Audited Annual financial turnover during last 3 years ending 31st March 2025 should be at least **Rs. 31 Lakhs.** as per the annual report or audited balance sheet and profit and loss account of the relevant period, duly authenticated by a Charted Accountant/ Cost Accountant.
- b. The bidder should have access to, or possess available liquid assets and other financial means (independent of any contractual advance payments) sufficient to meet the construction cash flow requirements for the subject contract, of the certain minimum amount specified. The bidder should have adequate sources of finance to meet the cash flow requirements of works currently in progress and for future contract commitments. In support of the above, the bidder should have positive Working capital as on 31st March 2024.

7.3. Clarification of Bids/Shortfall documents:

- 7.3.1. During evaluation and comparison of bids, MDL may, at its discretion, ask the bidder for clarifications on the bid. The request for clarification shall be given in writing, asking the bidder to respond by a specified date & time.
- 7.3.2. If the bidder does not comply or respond by the said date, his offer will be liable to be rejected.
- 7.3.3. Post-bid clarification at the initiative of the bidder shall not be entertained.
- 7.4. In case Projects submitted by the firm is carried out for a Project where the firm has formed Joint Venture/Consortium, the share of the firm in the Joint Venture/Consortium shall be considered for turnover/prior experience.
- 7.5. Bids from Joint Venture / Consortium are not acceptable.

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

8. <u>स्थल मुआयना /site visit:</u>

- 8.1. The site for the work is located at 6th floor North Block-I (Service Block) Building, Yard, 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 3312/ 3086 or email: **nshaikh@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 ₹ 2.06 lakhs (Rupees Two lakhs Six thousand only), against this tender.
- 9.2. EMD can be paid online through the link <u>mazagondock.in/onlinepayment.aspx</u> Or following the steps listed below:
 - Go to <u>www.mazgondock.in</u>
 - 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, Mazagon, 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 (Including E-Bank Guarantee) should be valid for the offer validity period indicated in the Tender plus minimum one month as claim period and should be drawn from any of the banks from the list of Banks issued by a Scheduled Commercial (i.e. Indian or Foreign Banks included in the Second Schedule of Reserve Bank of India Act, 1934 excluding Co-operative banks or Regional Rural Banks). The Bank Guarantee shall be kept valid till validity period of the offer plus 30 days. The original of the scanned copy of EMD (BG) should reach HOD (C)/ Dealing Executive within seven days of the tender closing date.
- 9.6. The Bank Guarantee shall be from banks as per list approved by SBI Bank published on MDL website



- 9.7. The Scanned Copy of the Bank Guarantee towards EMD shall be uploaded in the Techno-commercial bid (Part-I).
- 9.8. EMD can also be submitted by way of NEFT/Demand Draft/ Pay order/ Insurance Security Bond/ drawn in favour of Mazagon Dock Shipbuilders Limited, Mumbai from the list of Banks issued by a Scheduled Commercial (i.e. Indian or Foreign Banks included in the Second Schedule of Reserve Bank of India Act, 1934 excluding Cooperative banks or Regional Rural Banks). Crossed DD/ Pay Order issued by Cooperative banks however may be considered to be accepted and the bid would be considered accordingly.
- 9.9. 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 **O7 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**
- 9.10. 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.
 - 9.11. Refund of EMD in all the cases shall be without interest as stated below:
 - i. EMD will be refunded to the **techno-commercially** rejected bidders within 15 days from the date of price bid opening and remaining bidders within 30 days of determination of L1 or placement of Order on Successful bidder whichever is earlier.
 - ii. In the event of cancellation of tender, the EMD will be refunded / returned to all the bidders
 - iii. EMD of successful bidders may be converted into performance security or refunded on receipt of performance security B.G.
 - iv. If the validity of the offer of the firm has expired and if bidder is not willing to extend the validity of offer, the EMD of such bidders to be refunded.
 - 9.12. The Earnest Money Deposit shall be forfeited by MDL in the following events:
 - 9.12.1. 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.
 - 9.12.2. If the successful bidder declines acceptance of order.
- 9.13. <u>बयाना राशि जमा करने से छूट/बोली प्रतिज्ञापत्र / EXEMPTION FROM SUBMISSION OF</u> EMD/BID BOND:
 - 9.13.1. State & Central Government of India Departments & Public Sector Undertakings.



- 9.13.2. Firms registered with MDL. To qualify for EMD exemption, firms should necessarily submit valid copy of the Registration Certificate issued by MDL under materials group **GENERAL B** 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.
- 9.13.3. 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.
- 9.13.4. 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 2,06,000/- (Rupees Two lakks six thousand only), against this tender. The procurement being of works, EMD exemption is not applicable for MSE bidder

10. अखंड्ता सम्झौता / INTEGRITY PACT: Not Applicable

11. वैधता अवधि /VALIDITY PERIOD:

- 11.1 Bids / Offers shall remain valid for a period of not less than **180 Days** after the deadline date of submission.
- 11.2 Techno-Commercially accepted bidder shall be given opportunity to accept validity as per the tender in case of shorter validity quoted by him. Non-acceptance thereafter the bid shall be rejected by MDL as non-responsive.
- 11.3 In exceptional circumstances, prior to expiry of the original validity of offer(s), the bidders will be requested to extend the period of offer validity for a specified additional period. The request and the bidder's responses shall be made in writing. If the bidder does not accept the request of MDL for extension of validity, the bid security will not be forfeited. A bidder agreeing to the request will not be required or permitted to modify his bid, but will be required to extend the validity of his bid security. In case techno-commercially accepted bidder/s does not agree to extend the offer validity, the offers of all techno-commercially accepted bidder/s including the bidder who has not agreed to extend their offer validity, shall be opened and proceed further with valid bids. If the bidder who has not agreed to extend their offer validity found to be L1 then his price shall be used as reference price for negotiation purpose as applicable.



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 1400 Hrs onwards in OTS-TS Section, OTS-Dept. The bidder can view the tender online by logging their user ID on the portal https://eprocuremdl.nic.in
- 12.2. **Part-II (Price Bid):** After completion of Techno-Commercial scrutiny, intimation for opening of Part-II bid will be communicated only to Techno-Commercially accepted bidders. Such intimation may be given at a short notice by Fax, E-mail or even by telephone, only to the Techno-Commercial accepted bidder(s). The bidders can view the price bids online from their location by logging on to the portal **https://eprocuremdl.nic.in** with their Class-III B digital signature certificate.
- 12.3. Pre Bid Conference: Not Applicable.

13. बोलियों का मुल्याकन/EVALUATION OF BIDS:

- 13.1. The Bidders should meet the criteria as stipulated in "Prequalification criteria" and submit all documents as stipulated in Clause "Techno-Commercial (Part-I) Bid"
- 13.2. The Price bid of only Techno-Commercially qualified bidders shall be opened.
- 13.3. The comparison of the responsive tenders shall be on total outgo on Least Cost Net of Credit Basis (LCNC), for the procurement to be paid to the Contractor or the Service provider, including all elements of costs, duties, levies, freight, insurance etc. excluding GST (where ITC is available).
- 13.4. The applicable loading towards deviations shall be loaded for ranking purpose.
- 13.5. Discount given, if any, by the bidders, after the last date for submission of the bids but before opening of the price bids, will not be considered for determining the ranking of bids but will have to be considered after the said bidder is adjudged as L1.
- 13.6. Instances of multiple L1s: In cases where multiple bidders emerge as L1, the following action in the order of sequence shall be followed
 - (i) Offline sealed supplementary bids indicating discount offered over already quoted price shall be sought from such L1 bidders on a predetermined date and time. The sealed supplementary bids shall be opened by tender opening executives in presence of representatives of those bidders on pre-determined date and time.
 - (ii) In case the above option is inconclusive, lottery option to be exercised.
- 13.7. Negotiations will be done with L1 bidders.
- 13.8. However, Purchase Preference in line with PUBLIC PROCUREMENT POLICY (Preference to Make in India) ORDER 2017 shall be extended to Class I Local Supplier. Order shall be placed accordingly on offered/negotiated price with such Class I Local Supplier, if the offered/negotiated price is acceptable to MDL
- 13.9. In case Purchase Preference is not applicable, the Order shall be placed on Lowest bidder (L1) in case the offered/negotiated price of L1 bidder is acceptable to MDL.



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 other than through e-portal.
 - 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. Bids received without EMD (other than those who are exempted from payment of EMD or those submitting valid EMD Exemption document).
- 14.2. Non-compliance/non-acceptance to any of the terms and conditions of the tender shall render the bid liable for rejection;

Equal time and 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 are liable for rejection.

14.3. DISQUALIFICATION:

Even if a bidder meets the tender terms and conditions including prequalification criteria, he shall be subject to disqualification if he is found to have:

- (a) Made misleading or false representations in the forms, statements, affidavits and attachments submitted in proof of the qualification requirements; and/or;
- (b) On account of currency of debarment by MDL.

15. बेसलाईन शेड्यूल और प्रभावित शेड्यूल /Baseline Schedule and Impacted Schedule

15.1. Baseline Schedule and Impacted Schedule:

- (a) The Contractor to submit Baseline Schedule in MS Project, duly approved by EIC/Consultant, before commencement of Project. In case of additional work, revised schedule to be submitted by the Contractor.
- (b) Extension of Time Period shall be considered for delays not attributable to the Contractor only for the activities identified in the baseline schedule/ revised schedule. No Extension to the Contract shall be considered in case of failure of submission of Baseline Schedule and Impacted Schedule.
- (c) Construction Drawings for any activity identified in the baseline schedule will be issued 60 days prior to start date of that activity.



16. समापन अवधि /DELIVERY PERIOD/COMPLETION SCHEDULE:

- 16.1. The Completion period for entire work shall be **O9** (Nine) MONTHS, (Excluding Mobilization period of 21 days, from the date of placement of Purchase Order)
- 16.2. The successful bidder shall submit detailed bar chart/work schedule including activity, milestones, deployment of resources/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, material & machinery 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 MDL.

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 | ₹500.00 | | |
| forth in work contract does not exceed | | | |
| ₹10 Lakhs. | | | |
| b. Where it exceeds ₹10 Lakhs | ₹500.00 +0.1% of the amount | | |
| | above ten lakhs subject to | | |
| | maximum of ₹25 lakhs. | | |



Note: The Stamp Duty is applicable on Base value excluding GST.

- 19.11. Bidder(s) will not be entitled to any increase in rate of taxes occurring during the period of <u>extended delivery schedule</u>, 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 Price Variation 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 Duly currency of the original contract period.
- 19.15. **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:
 - i. The payment for work done after reducing any deductibles and/or the amount leviable towards liquidated damages, if any and after including statutory taxes, duties and levies as applicable 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.) Preferably as on monthly basis.
 - ii. 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.
 - iii. The payment against invoices will be made <u>within 15 days</u> of its receipt in MDL provided submission of invoice in totality 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. Soft copy of Joint Measurement sheets
 - d. SAP generated work completion certificate indicating deduction if any duly signed & stamped by MDL
 - e. Copy(s) of invoices of materials,
 - f. Vendor's self-Declaration (Refer Clause 20.1.vii) wherever applicable,



- g. Certification of Disposal of Scrap/ Debris as per **Enclosure-28**
- iv. 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.
 - c. Taking over certificate issued by Engineer In charge, MDL
- v. On request from Contractor, ad-hoc payments of not less than 75 % of eligible running account bill/due stage payment, shall be made within 10 working days of the submission of complete bill along with all applicable documents. The remaining payment is also to be made after final checking of the bill within 28 working days of submission of complete bill along with all applicable documents by the contractor.
- vi. **Electronic Invoicing System (EIS):** In any preceding financial year from 2017-18 onwards 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.
- vii. Vendor's self-declaration: Wherever GST is applicable, payment will be released against e-Invoice (refer TEF Clause No. 20.1.vi) 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"
- viii. Items where Basic Rates of items are specified in The Contract:
 - a. 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, 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.
 - b. 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 provided that MDL conveys it in writing before execution of said 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.



ix. 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.

x. 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 financers based on Buyer's credit profile.

MDL is registered on the "Invoicemart" TReDS platform and M1xchange of M/s Mynd Solutions Pvt. Ltd. Further, MDL has entered into an agreement with M/s.Receivables Exchange of Indica Limited (RXIL) for registration on TreDs platform. As a special gesture, all the above three discounting platforms i.e M/s.RXIL, Invoice Mart and M1Exchange have offered waiver of registration / on boarding fees to MDL Vendors MSME bidders desirous to receive payments through TReDS platform may avail the facility if they are already registered on

1."Invoicement" TReDS platform or by registering on it. Contact details at "Invoicement" TReDS platform are as below: 022 6235 7373 and a new mail id service@invoicement.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/PRICE VARIATION:

The rate shall remain firm and fixed during the tenure of the contract and no price variation, whatsoever, shall be payable.

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 10% of the contract value (completed value).
- 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. However, in case Part of the work has been taken over by MDL, the Defect Liability Period pertaining to that part shall commence from the date of taking over of that portion by MDL. Defect Liability Period for the balance part shall commence 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.
- 23.4. CLAIMS BY FIRMS: No claims by the firms will be entertained after 03 years from completion of Defect Liability Period.

24. अनुबंध निष्पादन गारंटी /CONTRACT PERFORMANCE GUARANTEE

- 24.1. Within 25 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 GST, valid till 60 days beyond the stipulated Defect Liability Period of One year from actual completion of entire work.
- 24.2. In case of increase in the Contract Value during execution of work:
 - i. In case of Contract value increases more than 10% of contract value excluding GST during execution of the work, within 25 days after issue of Amendment of Purchase order, the contractor shall submit the additional "PERFORMANCE BANK GUARANTEE" of 10% of additional contract value excluding GST. valid till 60 days beyond the stipulated Defect Liability Period of One year from actual completion of entire work.
 - ii. No additional Bank Guarantee for amended value up to 10% of Original Order Value is required
- 24.3. The Bank Guarantee shall be submitted by the bidders preferably in E-BG mode or through SWIFT drawn in favour of MAZAGON DOCK SHIPBUILDERS LIMITED, MUMBAI. The Bank Guarantee shall be only from the list of Banks issued by a Scheduled Commercial (i.e. Indian or Foreign Banks included in the Second Schedule of Reserve Bank of India Act, 1934 excluding Co-operative banks or Regional Rural Banks). The Issuing Bank Notified vide OM No.F.9/4/2020-PPD issued by Department of Expenditure dated 30.12.2021 should also state the name and designation of the next Higher Authority of the Officials who have issued the Bank Guarantee. Crossed DD / Pay Order issued by Co-operative banks however may be considered to be accepted and the bid would be considered accordingly.
- 24.4. The Bank Guarantee shall be form banks as per list approved by SBI Bank published on MDL website.



Bank Guarantee from banks not mentioned in the aforesaid approved list shall NOT be accepted.

- 24.5. Rolling Bank Guarantee towards Performance Security can be submitted with the validity period of at least One year with a claim period of three months within which the same to be extended by the contractor for further period by Amendment.
- 24.6. In case of non-submission of PBG within 25 days of Placement of Purchase Order, there is likelihood of cancellation of the order.
- 24.7. In case of delays in submission of the Performance Bank Guarantee, the amount towards the Bank Guarantees shall be retained from the subsequent Invoice. The same shall be returned to the Contractor, without interest, on submission of the Bank Guarantee and receipt of confirmation from the bank. In such case, MDL reserves the right to charge Interest @ SBAR+2% from the firm for such period of delays.
- 24.8. The Performance Bank Guarantee will be returned only after expiry of the 60 Days beyond the stipulated Defect Liability Period of One year 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.
- 24.9. The BG's should contain the following:
 - iii. The name, designation and code number of the Bank officer(s) signing the Guarantee.
 - iv. The address and other details (including telephone No.) of the controlling officer of the Bank issuing the BG.
- 24.10. In case the validity of the Bank Guarantee is on the verge of expiry and the same is not the extended /not renewed by the contractor as per order terms, MDL reserves the right to forfeit the same.

25. जलरोधी गारंटी /WATERPROOFING GUARANTEE-

- 25.1. The Contractor(s) shall submit Waterproofing Bank as per MDL format at **Enclosure-17** for the value of 10% of the total amount of waterproofing works as applicable excluding taxes and duties, valid for a period of 5 years from the satisfactory completion of Defect Liability Period.
- 25.2. The Bank Guarantee is to be submitted before completion of project/Final bill.
- 25.3. Alternatively, a retention towards Bank Guarantee shall be made from the invoice(s) of the Contractor which shall be released after expiry of the period of 5 years from the satisfactory completion of Defect Liability Period provided there is no defect observed during the said period. The retention can also be released without interest on submission of the said Bank Guarantee.
- 25.4. The Bank Guarantee shall be submitted by the bidders preferably in E-BG mode or through SWIFT drawn in favour of MAZAGON DOCK SHIPBUILDERS LIMITED, MUMBAI. The



Bank Guarantee shall be only from the list of Banks issued by a Scheduled Commercial (i.e. Indian or Foreign Banks included in the Second Schedule of Reserve Bank of India Act, 1934 excluding Co-operative banks or Regional Rural Banks). The Issuing Bank Notified vide OM No.F.9/4/2020-PPD issued by Department of Expenditure dated 30.12.2021 should also state the name and designation of the next Higher Authority of the Officials who have issued the Bank Guarantee. Crossed DD / Pay Order issued by Co-operative banks however may be considered to be accepted and the bid would be considered accordingly.

25.5. The Bank Guarantee shall be form banks as per list approved by SBI Bank published on MDL website.

26. जल रिसाव के खिलाफ बैंक गारंटी/ BANK GUARANTEE AGAINST WATER LEAKAGE- Applicable

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 full value of the Contract including taxes 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 (OTS) 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 Insurance Policy of additional contract value. No additional insurance policy is required in case the Contract value increases upto 10% of Original Contract Value or upto Rs.5 lakhs whichever is lower.
- 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), Civil Works, General Conditions of Contract (GCC) 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.
 - i. The Contractor shall pay to his employees not less than the minimum wages and other statutory obligations 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.
- ii. 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 deductions of any kind, except as specified by Government or permissible under the Payment of Wages Act.
- iii. The Contractor must settle all the pending dues of the employees i.e. arrears of wages, proportionate leave wages, proportionate bonus payment, etc.
- iv. Before winding up the site, the Bidder / Contractor shall pay all terminal dues to his employees such as Notice pay, Gratuity, Retrenchment compensation, etc.
- 28.2. **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:
 - i. Bidder has withdrawn / modified / amended /impaired / derogated from the tender during the period of bid validity
 - ii. 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 Conditions of Contract (GCC), 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 equipment's / 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:
 - i. Wherever 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.
 - ii. In case of non-receipt of 28 days Cube Test Reports, 10% of the amount pertaining to concreting items can be kept on hold till its submission. In case of non-receipt of Cube Test Report till next bill cycle, the entire amount towards such concreting items paid in the previous bill shall be retained till its submission.

30.15. SPECIAL CONDITION OF CONTRACT.

GENERAL GUIDELINES FOR POSTING OF TECHNICAL STAFF FOR THIS WORK AT SITE.

- 1. A minimum set of Supervisor Staff/Tech. team required at site for supervision, Safety and quality compliance.
- 2. On award of work, Contractor to submit an organogram highlighting site team as well as Head/Project office staff. Nevertheless, a minimum technical team staff as detailed below is required at site failing which suitable recovery shall be made.:

| Sr. No. | Designation Technical Staff | Number(of Major + Minor Component) | Qualifications | Minimum Experience (Years) | Duration | Rate at which recovery shall be made from the contractor in the event of not fulfilling |
|------------|--|---|--|----------------------------------|-----------------------------|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | Project Manager cum planning/ quality/ site/ billing Engineer | 1 (Civil Engineer) | Graduate Engineer or diploma Engineer | 2 or 5 respectively | Throughout project duration | Rs. 15000/- Per Month per Person |

Note: i. Monthly deployment of staff means a minimum work for 25 days at site.

ii. Contractor to maintain attendance register, duly endorsed by EIC.

31. अनुबंध की निगरानी/MONITORING OF CONTRACT:

- 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. ठेकेदार का दायरा/CONTACTOR'S SCOPE:

- 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 <u>free of cost</u>. The contractor shall make his own arrangement for electrical fittings, cables/wires, welding transformers, etc. at his own cost.
- 32.2. <u>Water</u>: 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, which needs to be submitted by the Contractor, on the following basis The Rate Analysis shall contain bifurcation of Material, Labour, transportation and Overhead and Profit Components
 - i. Rates derived from similar items of this Contract.

OR

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

\mathbf{OR}

iii. Rates mutually agreed to.



- 33.2. Variation 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. 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.
- 33.3. MDL reserves the right to conduct price negotiations with the Contractor in the following cases:
 - i. Finalization of rates for extra items.
 - ii.To seek reduction in the unit rates of the items for the excess quantity, if the total value of variation in quantities 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:
 - i.Reasons for the delay vis-à-vis the mutually agreed schedule
 - ii.Delay in inputs (Drawings/ Documents/ Site Clearances/ Services/ Inspection Call)
 - iii.Delay by Inspection Agency/ Customer
 - iv.Delay on account of specialist services
 - v.Non-performance by the Contractor
 - vi.Delinguency by the vendor
 - vii.Force Majeure
 - viii.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 onMDL'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. 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 Equipment's) 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 signage's 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. मुल्य वरीयता /PRICE PREFERENCE:

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 amended on 19th July 2024 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. <u>Aspects of 'Preference to Make in India'</u>: The following terminology / definitions used in the policy is enumerated below and applicable to the tender:
- i. **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. Different definition of Local Content may be specified by the Nodal Ministry for items assigned to them, which will prevail over above.

ii. Explanatory notes for calculation of local content given above

- a. Imported items sourced locally from resellers/distributors shall be excluded from calculation of local content
- b. The licenses fees /royalties paid /technical charges paid out of India shall be excluded from local content calculation.
- c. Procurement /supply of repackaged /refurbished /rebranded/imported products as understood commonly shall be treated as reselling of imported products and shall be excluded from calculation of local content. the



definition of repackaged /refurbished/rebranded imported products is as follows.:

'Refurbishing' means repair of reconditioning of an imported product does not amount to manufacture because no new goods come into existence. 'Repackaging' means repacking of imported goods from bulk pack to smaller packs would not originally amount to manufacture of a new item. 'Rebranding' means relabelling or renaming or change in symbol or logo/makes or corporate image of a company/organisation/firm for an imported product would amount to rebranding.

- d. The cost of such locally -sourced imported items (inclusive of taxes) with break-up on licence/royalty paid/technical expertise cost etc sourced from outside India to be furnished by the bidder. For items sold by the bidders as Reseller, OEM certificate for country of origin to be submitted.
- e. For contract involving supply of multiple items, weighted average of all items to be taken while calculating the local content.

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.
- iii. <u>Class-I Local Supplier</u>: 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.
- iv. <u>Class-II Local Supplier</u>: 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.
- v. **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.
- vi. <u>Minimum Local Content:</u> 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%.
- vii. <u>L1:</u> 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.
- viii. <u>Margin of Purchase Preference</u>: 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%.
- ix. Special treatment for items covered under PLi Scheme:



The manufacturers manufacturing an item under PLi Scheme shall be treated as deemed class II Local supplier for that item unless they have minimum local Content equal to or higher than that notified for class I Local Supplier for that item, provided the manufacturer has received incentive from the concerned PLi Ministry for the item. The above shall be applicable for the specific time period only, as notified by concerned PLi Ministry.

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):** 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 possess 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 requirement 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 need fulfilment 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 vendors 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 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 Rule175(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.



- "Bidder from a country which shares a land border with India" for the purpose of this 41.3. Order means: -
 - An entity incorporated, established or registered in such a country; or a)
 - 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
 - An entity whose beneficial owner is situated in such a country; or d)
 - An Indian (or other) agent of such an entity; or e)
 - A natural person who is a citizen of such a country; or f)
 - A consortium or joint venture where any member of the consortium or joint g) venture falls under any of the above.
- The beneficial owner for the purpose of **41.3** above will be as under:
 - 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 shareholder's agreements or voting agreements.
- 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;
- iii. 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;
- Where no natural person is identified under (41.4.i) or (41.4.ii) or (41.4.iii) above, iv. the beneficial owner is the relevant natural person who holds the position of senior managing official;
- 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. Refer General Conditions of Contract Clause No. 23,24,25.

44. अधिकार क्शेत्र /JURISDICTION:

44.1. Refer General Conditions of Contract Clause No. 26.

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 / एजेंटो के बिच हितों का टकराव / CONFLICT OF INTEREST 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.



- 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. Bidder must proactively declare such sister/ common business/ management units in same/ similar line of business.
- 46.2. Declaration in respect of Conflict of Interest among Bidders/ Agents as per format at **Enclosure-29** is to be submitted by bidder.

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,

GM/HOD (OTS)



| 47 . | List | of | Enc | losures: |
|-------------|------|----|-----|----------|
|-------------|------|----|-----|----------|

| . Li | st of Enclosures: | | |
|------|-------------------|---|--|
| 1. | Enclosure-1 | - | Form of undertaking to be furnished by the bidder |
| 2. | Enclosure-2 | - | Tender Enquiry Acceptance Form |
| 3. | Enclosure-3 | - | Details Of General Construction Work |
| 4. | Enclosure-4 | - | General Conditions of Contract (GCC) Acceptance Form–GCC attached separately. |
| 5. | Enclosure-5 | - | Deviations from Tender Enquiry Form/ GCC |
| 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 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- Not Applicable |
| 17. | Enclosure-14 | _ | RTGS/NEFT/ECS – Mandate Authorisation Form |
| 18. | Enclosure-15 | - | Performa 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 applicable for this tender |
| 22. | Enclosure-19 | - | Price Bid (Part-II) - to be submitted online |
| 23. | Enclosure-20 | - | List of DrawingsAttached Separately |
| 24. | Enclosure-21 | - | Technical Specification, Scope of Work & List of Preferred Makes |
| 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 | | SAFETY INSTRUCTIONS FOR SUB-CONTRACTORS IN MDL, (Attached Separately) |
| 37. | ANNEXURE-B | | STANDARD TERMS AND CONDITION (HR) FOR STATUTORY COMPLIANCE WHILE ENGAGING SUB- CONTRACTORS/ OUTSOURCED MANPOWER AND ITS UNIT (Attached Separately) |



FORM OF UNDERTAKING TO BE FURNISHED BY THE BIDDER

(To be typed on Bidder's Letter head)

To,

The General Manager (OTS),

OTS-TS Section

Mazagon Dock Shipbuilders Limited,

Dockyard Road, Mumbai-400 010.

Sir,

Sub: Modernization of Costing & Budgeting &Treasury Section, Finance Department,6th floor, Mazdock House, MDL, Mumbai.

- 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 180 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 | |



| | (IN BLOCK CAPITALS) | |
|----------|---|--|
| | (IN BLOCK CAPITALS) Witness: Address of Witness Occupation | |
| ignature | Address of Witness | |
| ame | Occupation | |
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TENDER ENQUIRY (TEF) ACCEPTANCE FORM

To,
OTS-TS SECTION
OTS DEPARTMENT
MAZAGON DOCK SHIPBUILDERS LIMITED

| TEF CLAUSE NO. | TENDERER'S REMARK ACCEPTED/ DEVIATION | TEF CLAUSE NO. | TENDERER'S REMARK ACCEPTED/ DEVIATION |
|----------------------|---------------------------------------|----------------------|---------------------------------------|
| 1 | | 24 | |
| 2 | | 25 | |
| 3 | | 26 | |
| 4 | | 27 | |
| 5 | | 28 | |
| 6 | | 29 | |
| 7 | | 30 | |
| 8 | | 31 | |
| 9 | | 32 | |
| 10 | Not Applicable | 33 | |
| 11 | | 34 | |
| 12 | | 35 | |
| 13 | | 36 | |
| 14 | | 37 | |
| 15 | | 38 | |
| 16 | | 39 | |
| 17 | | 40 | |
| 18 | | 41 | |
| 19 | | 42 | |
| 20 | | 43 | |
| 21 | | 44 | |
| 22 | | 45 | |
| 23 | | 46 | |



| 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 | | | | |



To, **OTS-TS SECTION OTS DEPARTMENT** MAZAGON DOCK SHIPBUILDERS LIMITED.

<u>Details of General Construction Work</u> (To be typed on Bidders Letterhead & submitted)

| Sr. No | Financial Year | Particulars | Amount in Rs. |
|--------|----------------|---|---------------|
| 1 | | 47 | |
| 2 | | Annual Turnover in the relevant year from construction work comprising Civil and associated Electrical & Mechanical works. | |

Signature of Chartered Accountant Signature and Seal of the Bidder with Seal



ACCEPTANCE FORM FOR GENERAL CONDITIONS OF CONTRACT (GCC)

To,
OTS-TS SECTION
OTS DEPARTMENT
MAZAGON DOCK SHIPBUILDERS LIMITED

| GCC | TENDERER'S | GCC | TENDERER'S | GCC | TENDERER'S |
|------------|------------|------------|------------|------------|------------|
| CLAUSE No. | REMARK | CLAUSE No. | REMARK | CLAUSE No. | REMARK |
| | ACCEPTED/ | | ACCEPTED/ | | ACCEPTED/ |
| | DEVIATION | | DEVIATION | | DEVIATION |
| 1 | | 38 | | 76 | |
| 2 | | 39 | | 77 | |
| 3 | | 40 | | 78 | |
| 4 | | 41 | | 79 | |
| 5 | | 42 | | 80 | |
| 6 | | 43 | | 81 | |
| 7 | | 44 | | 82 | |
| 8 | | 45 | | 83 | |
| 9 | | 46 | | 84 | |
| 10 | | 47 | | 85 | |
| 11 | | 48 | | 86 | |
| 12 | | 49 | | 87 | |
| 13 | | 50 | | 88 | |
| 14 | | 51 | | 89 | |
| 15 | | 52 | | 90 | |
| 16 | | 53 | | 91 | |
| 17 | | 54 | | 92 | |
| 18 | | 55 | | 93 | |
| 19 | | 56 | | 94 | |
| 20 | | 57 | | 95 | |
| 21 | | 58 | | 96 | |
| 22 | | 59 | | 97 | |
| 23 | | 60 | | 98 | |
| 24 | | 61 | | 99 | |
| 25 | | 62 | | 100 | |
| 26 | | 63 | | 101 | |
| 27 | | 64 | | 102 | |
| 28 | | 65 | | 103 | |
| 29 | | 67 | | 104 | |
| 30 | | 68 | | 105 | |
| 31 | | 69 | | 106 | |
| 32 | | 70 | | 107 | |



| 33 34 | 71 72 | 108 109 | |
|----------|----------|------------|-------------------|
| 35 | 73 | 110 | Not Applicable |
| 36 | 74 | | |
| 37 | 75 | | |

| COMPANY'S NAME & ADDRESS: | SIGNATURE: |
|---------------------------|--------------------|
| | DATE: |
| | NAME: |
| | DESIGNATION: |
| | TENDERER'S COMPANY |
| | SEAL: |

NOTES:

- 1. Bidder(s) should carefully read the General Conditions OF CONTRACT (GCC) 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. 56 means Clause nos. 56, 56 i), 56 a) etc.



To,
OTS-TS SECTION
OTS DEPARTMENT
MAZAGON DOCK SHIPBUILDERS LIMITED.

DEVIATIONS FROM CONDITIONS OF TENDER ENQUIRY FORM/GCC

All deviations from the Conditions of Tender Enquiry Form/ GCC 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) |
| | | | |
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| The Bidder hereby certificant Contract. | ies that the above mention | ed are the only deviation | s from the Conditions of |
|---|----------------------------|---------------------------|--------------------------|
| | SIGNATURE | | |
| | NAME | | |
| | DESIGNATION | | |
| COMPANY SEAL | COMPANY | | |
| DATE | | | |
| | | | |



To, **OTS-TS SECTION OTS DEPARTMENT** MAZAGON DOCK SHIPBUILDERS LIMITED.

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

| Description | FY | FY | FY | FY | FY | Maximum |
|---------------------|---------|---------|---------|---------|---------|---------|
| | 2019-20 | 2020-21 | 2021-22 | 2022-23 | 2023-24 | Value |
| | | | | | | ₹ |
| | | ₹ | ₹ | | | |
| | V | W | X | Y | Z | (A) |
| Maximum value of | | | | | | |
| General | | | | | | |
| Construction works | | | | | | |
| Above Value | | | | | | |
| updated at the | | | | | | |
| current price level | | | | | | |
| by applying a | | | | | | |
| weightage of 7% per | | | | | | |
| annum | | | | | | |

| Signature of Chartered Accountant | Signature and Seal of the Bidder |
|-----------------------------------|----------------------------------|
| with Seal | |



To,
OTS-TS SECTION
OTS DEPARTMENT
MAZAGON DOCK SHIPBUILDERS LIMITED.

Details of Existing Commitments & On-going Works

(To be typed on Bidders Letterhead & submitted)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|-----|---------|----------|---------------|-----------|------------|--------------------|-----------|
| Sr. | Name of | Contract | Date of start | Date of | Work Done | Value of existing | Value |
| No. | the | Value | as per | Completi | up to the | commitments | updated |
| | Work/Pr | (₹) | PO/Contract | on as per | preceding | and on-going | at the |
| | oject | | | PO/Contr | Month of | works to be | current |
| | | | | act | submission | completed (for all | price |
| | | | | | of Bid | the Clients of the | level (₹) |
| | | | | | (₹) | Bidder) during | |
| | | | | | | the period of | |
| | | | | | | completion of | |
| | | | | | | work for which | |
| | | | | | | bids have been | |
| | | | | | | invited (₹) | |
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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 AVAILABLE BID CAPACITY

- (a) Available Bid Capacity = [AxNx1.5]-B, where
 - i. A = Maximum value of General Construction works executed in any one year during the last five years (updated at the current price level by applying a weightage of 7% per annum), taking into account the completed as well as works in progress. Value of engineering works executed during last five years shall be certified by Chartered Accountant and shall be considered for evaluation.
 - ii. **N** = Number of years prescribed for completion of work for which bids have been invited = **0.75** (**09 months**).
 - iii. B = Value (updated at the current price level) of the existing commitments and ongoing works to be completed in the next 'N' years. This statement should be submitted duly verified by Chartered Accountant.



Note:- The yield rate of GoI bonds as on the closing date of the tender shall be considered as discounting factor for updation of the value of "B".

Available Bid Capacity = ₹1,10,00,000/-_

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

Signature of Chartered Accountant with Seal

Signature and Seal of the Bidder



PARTICULARS OF EXPERIENCE IN SIMILAR PROJECTS

The General Manager,
OTS Department,
6th Floor, Service Blcock Bldg. NY,
Mazagon Dock Shipbuilders Limited,
Dock Yard Road,
Mumbai - 400010, INDIA

Sir,

Sub: Modernization of Costing & Budgeting &Treasury Section, Finance Department,6th floor, Mazdock House, MDL, Mumbai.

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 7.1.1.1/7.1.1.2/7.1.1.3** (*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:

Clause7.1.1.1: Three similar completed works each costing not less than ₹ 49 Lakhs.

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

OR

Clause7.1.1.2: Two similar completed works each costing not less than₹ 61 Lakhs.

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

OR

Clause7.1.1.3: One similar completed work costing not less than₹ 97 Lakhs.

| | PO No | Completion | | Completion Certificate |
|----|--------|------------|---------------------------|---------------------------|
| No | & Date | Cost | (Submitted/Not submitted) | (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 technocommercial 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.

| detailed above for verification by MDL as | s and when called for. | |
|---|--------------------------|--|
| | | |
| | | |
| | | |
| | Signature of Contractor: | |
| | Name and Address: | |
| Place: | | |
| Date: | Official Seal | |
| | | |



To,
OTS-TS SECTION
OTS DEPARTMENT
MAZAGON DOCK SHIPBUILDERS LIMITED.

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.

| S1 No. | Designation Personnel Discipline | of | the with | No of Personnel to be deployed | Month wise Duration of Deployment for this project | Relevant Experience |
|-----------|--|----|-------------|--------------------------------|--|---------------------|
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Enclosure-10 (A)

To, **OTS-TS SECTION OTS DEPARTMENT** MAZAGON DOCK SHIPBUILDERS LIMITED.

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 tender conditions).

LOCAL CONTENT DECLARATION BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY R

| | | TED IN WRITING BY THE CHIEF EXECUTIVE OR SENIOR EMENT RESPONSIBILITY (CORPORATION, PARTNERSHIP OR |
|--|---|--|
| | | PBUILDERS LIMITED |
| _ | - | y sign and submit this declaration cannot be transferred to an auditor or any other third party acting on behalf of the bidder. |
| do hereby declare, | in my capacity as | (full names), s |
| (a) The facts con | tained herein are | within my own personal knowledge. |
| | ated in accordan | the requirement of local content (LC) and same is specified as ce with the definition provided at clause 2 of revised Public India) Order2017. |
| value of items prod in the item (includ (c) I have satisfi | cured (excluding ring all customs died myself that the local court with the local court | neans the amount of value added in India which shall be the total net domestic indirect taxes) minus the value of imported content uties) as a proportion of the total value in percent." ne goods/services/works to be delivered in terms of the above ontent requirements as specified in the tender for 'Class- I Local and as above. |
| (d) The local con | tent calculated u | sing the definition given above are asunder: |
| Tender Item Sr No | Local content calculated as above % | Location of value addition |
| All items put together | | |



- (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 dtd16.09.2020 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: <u>(TO BE SIGNED& STAMPED BY AUTHORISED SIGNATORY STRICTLY AS PER TEF CLAUSE NO. 40.4.i)</u>]-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: | _ | |
|-------|---|--|
| | | |
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Enclosure-10 (C)

To,
OTS-TS SECTION
OTS DEPARTMENT
MAZAGON DOCK SHIPBUILDERS LIMITED.

ACTUAL LOCAL CONTENT CERTIFICATE

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

| OFFICER OR CHIEF EX | OTHER LEGALLY RESPONSIBLE PER | of contract / PO) BY CHIEF FINANCIAL RSON NOMINATED IN WRITING BY THE ER/PERSON WITH MANAGEMENT OR INDIVIDUAL) |
|--|--|---|
| | OF CONTRACT No./ PO No MAZAGON DOCK SHIPBUILDERS LIM | |
| | ation to complete, duly sign and submit to prized representative, auditor or any other th | this declaration cannot be transferred to an nird party acting on behalf of the bidder. |
| hereby declar entity), that: (a) The fac | are, in my capacity as | |
| Tender Item Sr. No. All items put together | Local content calculated as above % | Location of local value addition |
| content of | r company has completed the above refethe delivered item/s calculated using the folionists of the bid is as under: | |
| Tender Item Sr. No. | Declared minimum Local content at the time of bidding (%) | Achieved Local content of delivered items (%) |
| All items put together | | |



- (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 | |



Enclosure-10 (E)

To,
OTS-TS SECTION
OTS DEPARTMENT
MAZAGON DOCK SHIPBUILDERS LIMITED.

<u>Declaration in respect of restriction under Rule 144 (xi) of the General Financial</u> 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 | |
| | |
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Enclosure-10 (F)

To,
OTS-TS SECTION
OTS DEPARTMENT
MAZAGON DOCK SHIPBUILDERS LIMITED.

<u>Declaration in respect of debarred under Public Procurement Policy (PPP) Make In India (MII) order 2017, GeM, CPPP including Tender holiday issued by MDL.</u>

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 | |



PARTICULARS OF BANNED OR DE-LISTED TENDERER/FIRM/VENDORS

The General Manager,
OTS Department,
OTS -TS section,
6th Floor, Service Block Bldg. NY,
Mazagon Dock Shipbuilders Limited,
Dock Yard Road,
Mumbai - 400010, INDIA

Sir,

Sub: Modernization of Costing & Budgeting &Treasury Section, Finance Department,6th floor, Mazdock House, MDL, Mumbai.

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.

| SI | 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:

| S1 | 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



To,
TO,
OTS-TS SECTION
OTS DEPARTMENT
MAZAGON DOCK SHIPBUILDERS LIMITED.

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 | | MUMM02076E |

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 Guarantee etc. | Amount Remitted (₹) |
|-----------------------|-----------------|---------|---------------------------------|---|---------------------------|
| | | | MDL Tender No. 1900000236 | | |

| | | | 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. |
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To,
OTS-TS SECTION
OTS DEPARTMENT
MAZAGON DOCK SHIPBUILDERS LIMITED.

INTEGRITY PACT NOT APPLICABLE



To,
OTS-TS SECTION
OTS DEPARTMENT
MAZAGON DOCK SHIPBUILDERS LIMITED.

RTGS/NEFT/ECS - MANDATE AUTHORISATION FORM

| NAME OF THE FIRM | : | |
|--------------------------------|--|--|
| CONTACT PERSON AND DESIGNATION | : | |
| PAN NO | : | |
| VENDOR ADDRESS | : | |
| VENDOR'S TELEPHONE/FAX | : | |
| E-MAIL ADRESS | : | |
| BANK NAME | : | |
| BANK ADDRESS | : | |
| ACCOUNT NUMBER | : | |
| ACCOUNT TYPE | : | |
| IFSC CODE | : | |
| MICR CODE | : | |
| GST ID NO. | : | |
| | CONTACT PERSON AND DESIGNATION PAN NO VENDOR ADDRESS VENDOR'S TELEPHONE/FAX E-MAIL ADRESS BANK NAME BANK ADDRESS ACCOUNT NUMBER ACCOUNT TYPE IFSC CODE MICR CODE | CONTACT PERSON AND DESIGNATION PAN NO : VENDOR ADDRESS : VENDOR'S : TELEPHONE/FAX E-MAIL ADRESS : BANK NAME : BANK ADDRESS : ACCOUNT NUMBER : ACCOUNT TYPE : IFSC CODE : MICR CODE : |

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 |
|------|--------------|--|
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To,
OTS-TS SECTION
OTS DEPARTMENT
MAZAGON DOCK SHIPBUILDERS LIMITED.

PROFORMA BANK GUARANTEE FOR BID BOND / EMD

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

| IN CONSIDERATION OF MAZAGON DOCK SHIPBUILDERS LIMTED, 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(Rupeesonly) in the form of Bank Guarantee from Messers |
|---|
| partnership firm/sole proprietor business/a company registered under the Companies Act, 1956 having its office at |
| 2. We, |
| 3. We, |
| 4. We, |



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



To,
OTS-TS SECTION
OTS DEPARTMENT
MAZAGON DOCK SHIPBUILDERS LIMITED.

PROFORMA FOR PERFORMANCE BANK GUARANTEE

IN CONSIDERATION OF MAZAGON DOCK SHIPBUILDERS LIMTED (formerly known as

(On Non-Judicial stamp paper of value ₹500/-)

| 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 |
|--|
| (Rupeesonly) 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, |
| 3. We, |
| 4. We, |



| 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, |
|--|
| 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. |
| 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") |
| |



To,
OTS-TS SECTION
OTS DEPARTMENT
MAZAGON DOCK SHIPBUILDERS LIMITED.

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 |
| |
| repugnant or contrary to the subject or context thereof, be deemed to mean and include its successors |
| |
| and assigns) vide order No |
| expression shall include any amendments/alterations to "the order" issued by "the Purchaser") for |
| the work ofas 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 includes |
| its successors and assigns) hereby agree to pay to the Company without any demur on first demand |
| an amount not exceeding Rs (Rupeesonly) 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 W. (D. 1) 6-41 |
| 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. |
| guaraniors may be enduced to. |
| |
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| |



| 3. | We, |
|----|---|
| 4. | We, |
| 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 thisday 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 Costing & Budgeting &Treasury Section, Finance Department,6th floor, Mazdock House, MDL, Mumbai.

| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|--|-------|--------|------------|----------|-----|
| A | Civil Work | | | | | |
| | 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 | 0.50 | 2698.19 | 1349.10 | |
| 2 | Dismantling aluminium/ Gypsum partitions, 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 500 meters lead as directed by Engineer-incharge. | sqm | 427.00 | 110.03 | 46982.81 | |
| 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 | 33.00 | 364.55 | 12030.15 | |
| 4 | Dismantling carefully floor & wall tile work laid in cement mortar at any height/location & carting away the same outside MDL to Municipal dumping yard complete. | | | | | |
| i | For tile thickness upto 25mm | sqm | 444.00 | 88.05 | 39094.20 | |
| ii | For thickness of tiles above 25 mm and up to 40 mm | sqm | 11.00 | 136.99 | 1506.89 | |
| 5 | Dismantling carefully existing G.I pipeline of any dia along with all its fittings viz. bib cock, collars, elbow etc including stacking of serviceable material at MDL | metre | 63.00 | 19.00 | 1197.00 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|---|------|--------|------------|----------|-----|
| NO. | scrap bin and disposal of unserviceable material. | | | | | |
| 6 | Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site including stacking of serviceable material and disposal of unserviceable material to 50 meters lead as directed by Engineer-in-charge. | No | 8.00 | 850.03 | 6800.24 | |
| 7 | 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 | 3.00 | 126.37 | 397.11 | |
| 8 | 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 complete dismantled/removed material out of MDL premises - Urinal | No | 4.00 | 83.96 | 335.84 | |
| 9 | 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 complete dismantled/removed material out of MDL premises - Wash Basin | No | 5.00 | 83.96 | 419.80 | |
| 10 | 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 | 10.00 | 2059.13 | 20591.30 | |
| 11 | 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 | 276.00 | 74.20 | 20479.20 | |



| Sr. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|-----|---|-------|--------|------------|----------|-----|
| No. | | | £-3, | | | |
| 12 | 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 at any height / Location etc | Cum. | 159.00 | 23.80 | 3784.20 | |
| 13 | 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. | | | | | |
| 1.4 | complete. | Kg | 50.00 | 5.31 | 265.50 | |
| 14 | 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. | Cum | 0.50 | 4101.95 | 2050.98 | |
| 15 | 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. | Caree | 10.00 | 759.25 | 7500.50 | |
| | complete RESTORATIVE REPAIR WORK, | Cum | 10.00 | 139.23 | 7592.50 | |
| | PROVIDING AND LAYING/FIXING | | | | | |
| 16 | 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 | Comm | 100.00 | 00.00 | 17647 00 | |
| | measured and paid for) | Sqm | 190.00 | 92.88 | 17647.20 | l |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|---|------|-------|------------|-----------|-----|
| 17 | 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 at any height / Location etc | | | | | |
| | | Lit | 32.00 | 361.93 | 11581.76 | |
| 18 | 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 at any height / Location etc | lit | 32 | 183.06 | 5857.92 | |
| 19 | 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 at any height / Location etc | kg | 9813 | 35.18 | 345221.34 | |
| 20 | Providing & laying micro concrete 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 height / Location etc | | | | | |
| | | Kg | 200 | 30.77 | 6154 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|--|------|------|------------|-----------|-----|
| 21 | 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. | Sqm. | 5 | 875.09 | 4375.45 | |
| 22 | 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 | 50 | 102.34 | 5117 | |
| 24 | Providing and laying Autoclaved Aerated concrete (AAC) blocks masonry 100 mm/ 125 mm thick with Grade-I AAC blocks of density 551 to 650 kg/ cum conforming to IS: 2185 (Part 3) in super structure above plinth level up to floor V level in cement mortar 1:4 (1 cement: 4 coarse sand). The rate includes providing and placing in position 2 Nos 6 mm dia M.S. bars at every third course of masonry work. 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. | Cu M | 1 | 10149.68 | 1049.68 | |
| | | Sq M | 434 | 412.46 | 179007.64 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|---|-------|---------------|------------|-----------|-----|
| 25 | Providing & Applying polymer modified, flexible cementatious negative side waterproofing coating with elastic waterproofing polymers on interior wall plaster surface in three coats @14.35 kg /10 sqm. one coat of self priming of cementatious waterproofing polymer(dilution with water in the ratio of 1:1) and two coats of cementatious waterproofing polymer (dilution with water in the ratio of 3:1) after scrapping and properly cleaning the surface to remove pre-existing paint film & loose particles till plaster is visible, complete in all respect | | 4-37 . | | | |
| | as per the direction of Engineer-in- Charge. | Sq M | 434 | 596.14 | 258724.76 | |
| 26 | 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 | 20 | 459.09 | 9181.80 | |
| 27 | "Providing & laying water proofing 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). | Sq M. | 26 | 1671.95 | 43470.70 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|---|------|--------------|-------------------|-----------------------|-----|
| 28 | 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 at any height / Location | Cu M | 7.00 | 4779.35 | 33455.45 | |
| 29 | 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.) at any height / Location | Rmt | 3.10 | 5376.81 | 16668.11 | |
| 31 | Providing and fixing CP 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 at any height / Location Providing and applying plaster of paris putty of upto 10mm thickness over plastered surface to prepare the surface | Sq M | 3.10 | 5155.43 | 15981.83 | |
| 32 | even and smooth complete at any height / Location etc 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 | Sq M | 276 35.00 | 294.06 5341.92 | 81160.56 186967.20 | |



| Sr. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|-----|--|--------|--------|------------|-----------|----------|
| No. | 14 | | £-3. | | | |
| | and texture laid over 20mm thick base | | | | | |
| | cement morter 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 | | | | | |
| | levelsGranite of any colour and shade. | | | | | |
| | Area of slab above 0.5 Sqm. | | | | | |
| | Basic Rate of Granite-2132 per Sq M | | | | | |
| 33 | 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 morter 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 | | | | | |
| | levelsGranite of any colour and shade. | | | | | |
| | Area of slab above 0.5 Sqm. | | | | | |
| | Basic Rate of Granite-2132 per Sq M | M2 | 2.00 | 5051.95 | 10103.90 | |
| 34 | Extra for providing opening of required | | | | | |
| | size & shape for washbasins / sink in | | | | | |
| | platform, vanity counters and similar | | | | | |
| | locations in marble / stone work | | | | | |
| | including necessary holes for pillar taps etc. including rubbing & polishing of cut | | | | | |
| | edges etc. complete. | | | | | |
| | euges etc. complete. | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | Sq M | 1.00 | 810.66 | 810.66 | |
| 35 | Providing and laying vitrified floor | DQ IVI | 1.00 | 010.00 | 010.00 | |
| | 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 adhessive, | | | | | |
| | including grouting the joints with white | | | | | |
| | cement and matching pigments etc., | Sa M | 295.00 | 2116.06 | 624237.70 | |
| L | | Sq M | 493.00 | 4110.00 | 047431.10 | <u> </u> |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|---|------|--------|------------|----------------------|-----|
| 10. | complete. (Basic Rate of Vitrified tile of Rs. 1897/-Sq.mt.)Size of Tile 1000x1000 mm | | | | | |
| 36 | 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 | 176 | 1706.03 | 300261.28 | |
| 37 | 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. | | | | | |
| 38 | Providing and fixing Anti-skid vitrified tiles for flooring of size 600 X 600mm of approved make, colour and size 10 mm thick, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) Bedding on flooring, cladding fixed with tile adhesive or neat cement paste including sealing the joints with approved quality white cement mixed with approved colour to match the tiles colour or approved grouting materials including, curing, cleaning etc. complete as directed. (Basic cost of tile: Rs 1265 / Sqm) | Sq M | 295.00 | 2160.72 | 26508.70 56178.72 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|---|------|-------|------------|----------|-----|
| 39 | 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 | | | | | |
| | makeconforming to IS: 733 and IS: 1285, | | | | | |
| | fixing with dash fasteners ofrequired dia | | | | | |
| | and size, including necessary filling up | | | | | |
| | the gaps atjunctions, 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 | | | | | |
| | includingcleat angle, Aluminium snap | | | | | |
| | beading for glazing / paneling, C.P.brass | | | | | |
| | / stainless steel screws, roller, handle, | | | | | |
| | etc. all complete as per | | | | | |
| | architecturaldrawings and the directions | | | | | |
| | of Engineer-in-charge at any height / | | | | | |
| | Location etc | | | | | |
| i | For Fixed Portion -Anodised aluminium | | | | | |
| | (anodised transparent or dyed to required | | | | | |
| | shade according to IS: 1868, Minimum | 17 | 47.00 | 405.20 | 02002.22 | |
| ii | anodic coating of grade AC 15) | Kg | 47.00 | 495.39 | 23283.33 | |
| 11 | For Shutter Portion-Anodised | | | | | |
| | aluminium (anodised transparent or dyed to required shade according to IS: 1868, | | | | | |
| | Minimum anodic coating of gradeAC 15) | 17 | 20.00 | 607.10 | 10010.00 | |
| 4.0 | , | Kg | 30.00 | 607.10 | 18213.00 | |
| 40 | 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 | 9.00q | 2547.12 | 22924.08 | |
| 41 | Providing & Fixing Fly/ Mosquito proof | | | | | |
| | Stainless Steel wire mesh grade 304 to | | | | | |
| | anodised aluminium frames / shutters | | | | | |
| | with necessary fixtures, fittings etc | | | | | |
| | complete. (Aluminium frames/shutter is | 0 14 | 0.00 | 1055 10 | 0110 00 | |
| 40 | payable Separately) | Sq M | 2.00 | 1055.10 | 2110.20 | |
| 42 | Providing and fixing aluminium | | | | | |
| | louvered windows consisting of vertical | | | | | |
| | arm (40 x 12mm) with holders, lever and locking arrangement weighing at 0.91 | | | | | |
| | | | | | | |
| | kg/m with 3mm thick sheet glass louvers including filling the gaps in joints with | | | | | |
| | plastic silicon jelly with gun etc complete | | | | | |
| | as directed | _ | | | | |
| | as un colou | Sq M | 2.00 | 2876.87 | 5753.74 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|--|------|--------|------------|-----------|-----|
| 43 | 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 | | | | | |
| 4.4 | 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 | 276.00 | 53.31 | 14713.56 | |
| 44 | Providing & fixing Full Height Solid partition upto false ceiling height with main Frame of Aluminium Sections of 50mm x 50 mm x 1.6mm thick upto ceiling at 450mm center to center vertically and 600mm center to center horizontally. All verticals secured to ceiling with anchor fasterners. Rockwool infill of 48kg/m3 density to be provided. Well notched frames including making cutout for electrical conduits, support for access control lock complete as per detailed drawings. The Aluminium section 50mm wide fixed to the floor and Ceiling with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs. The boards on both side are to fixed the aluminium frame with staggered joints to avoid through cracks. The boards fixed to the studs using metal flat head screws, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, angle beads at corners (25 mm x 25 mm x 0.3 mm), joint finisher and two coats of primer suitable for board as per manufacture's specification and direction of engineer in charge all complete. - 70 mm overall thickness Partition with 10mm thick double skin Calcium Silicate Board (50mm above false ceiling) made with Calcareous & Siliceous materials reinforced with cellulose fiber manufactured through autoclaving process with Compressive Strength 225 | Sq M | 173.00 | 4119.75 | 712716.75 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|--|------|--------|------------|-----------|----------|
| | kg/ sq.cm, Bending Strength 100 kg./ | | | | | |
| | sq.cm | | | | | |
| | (measurement upto solid partition height only | | | | | |
| | omy | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| 45 | LAMINATE: Providing & fixing laminate | | | | | |
| 10 | 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. | | | | | |
| | 682/- Sqmt) | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | Sq M | 328.00 | 840.33 | 275628.24 | |
| 46 | 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 | 14.00 | 3437.57 | 48125.98 | |
| 47 | Door Frame: To have 100mm x 75mm | | | | | |
| | CP teak wood door frame and melamine | | | | | |
| | polished to match the shutter. | | | | | |
| | Providing and fixing of factory finish CP teak wood 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. | No | 10.00 | 3733.12 | 44707 44 | |
| 48 | complete at any height / Location etc Door Frame: To have 100mm x 75mm | No | 12.00 | 3733.12 | 44797.44 | |
| 70 | CP teak wood door frame and melamine | | | | | |
| | polished to match the shutter. | | | | | |
| | Providing and fixing of factory finish CP | | | | | |
| | teak wood door frame of size | | | | | |
| | 2150mmx1500mm with necessary | , | 1 00 | 4160.07 | 44600= | |
| | hardware such as anchor fasteners (6 | No | 1.00 | 4163.05 | 4163.05 | <u> </u> |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|--|------|-------|------------|-----------|-----|
| NO. | 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 at any height / Location etc | | | | | |
| 49 | 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 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 and complete all as per drg.,details and as directed. all complete & as directed by Engineer | Sq M | 26.00 | 10034.85 | 260906.10 | |
| 50 | Extra for providing vision panel in all type of flush doors including the cost of glass and as directed by Engineer-Incharge | | | | | |
| 51 | 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 | Sq M | 21.00 | 1847.02 | 38787.42 | |
| | | No | 14.00 | 977.55 | 13685.70 | |
| | 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 | Sq M | 15.00 | 10485.92 | 157288.80 | |



| Sr. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|--|--------|--------|------------|-----------|-----|
| No. | | 0 1110 | £-J. | | | |
| | 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 | | | | | |
| 5 0 | shutters with all fixtures, fitting, hinges, | | | | | |
| 52 | handles, ball catches and locks etc. | | | | | |
| | complete as per drawing as directed. | | | | | |
| | (Basic Rate of Laminate of Rs. 682/-Sq.mt | | | | | |
| F 2 | for 1.5 mm thk and Rs. 593 for 1 mm thk) | | | | | |
| 53 | False Ceiling: Providing and fixing tiled | | | | | |
| | false ceiling of specified materials of size | | | | | |
| | 595x595 mm in true horizontal level, | | | | | |
| | suspended on interlocking metal grid of | | | | | |
| | hot dipped galvanized steel sections (| | | | | |
| | galvanized @ 120 grams/ sqm, both side | | | | | |
| | inclusive) consisting of main "T" runner | | | | | |
| | with suitably spaced joints to get required | | | | | |
| | length and of size 24x38 mm made from | | | | | |
| | 0.30 mm thick (minimum) sheet, spaced | | | | | |
| | at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30 mm thick | | | | | |
| | | | | | | |
| | (minimum) sheet, 1200 mm long spaced between main "T" at 600 mm center to | | | | | |
| | | | | | | |
| | center to form a grid of 1200x600 mm and | | | | | |
| | secondary cross "T" of length 600 mm and size 24x25 mm made of 0.30 mm thick | | | | | |
| | | | | | | |
| | (minimum) sheet to be interlocked at | | | | | |
| | middle of the 1200x600 mm panel to form grids of 600x600 mm and wall angle of | | | | | |
| | size 24x24x0.3 mm and laying false | | | | | |
| | ceiling tiles of approved texture in the grid | | | | | |
| | including, required cutting/making, | | | | | |
| | opening for services like diffusers, grills, | | | | | |
| | light fittings, fixtures, smoke detectors | | | | | |
| | etc. Main "T" runners to be suspended | | | | | |
| | from ceiling using GI slotted cleats of size | | | | | |
| | $27 \times 37 \times 25 \times 1.6$ mm fixed to ceiling with | | | | | |
| | 12.5 mm dia and 50 mm long dash | | | | | |
| | fasteners, 4 mm GI adjustable rods with | | | | | |
| | galvanized butterfly level clips of size 85 x | | | | | |
| | 30 x 0.8 mm spaced at 1200 mm center to | | | | | |
| | center along main T, bottom exposed | | | | | |
| | width of 24 mm of all T-sections shall be | | | | | |
| | pre-painted with polyester paint, all | | | | | |
| | complete for all heights as per | | | | | |
| | specifications, drawings and as directed | | | | | |
| | by Engineer-in-charge. 8 mm thick fully | | | | | |
| | perforated calcium silicate board made | | | | | |
| | with Calcareous & Siliceous materials | Sq M | 350.00 | 1607.59 | 562656.50 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|---|-------------|--------|------------|----------------------|-----|
| 54 | reinforced with cellulose fiber manufactured through autoclaving process to give stable crystalline structure with minimum compressive strength 225 kg/ sq. cm, bending strength 100 kg/sq. cm, of size 595x595 mm, having perforation of dia. 10 mm with minimum perforated area 18 % with non woven tissue on the back side, having an NRC (Noise Reduction Coefficient) of 0.85, with 50 mm thick rockwool of 48 kg/cum backing. Providing and pasting 3M / Garware / LG 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 at any height / Location etc | | | | | |
| | | Sq M | 14.00 | 756.54 | 10591.56 | |
| 55 | 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 for name plate on doors, Name talley board, as per requirement / instructuin etc. all complete as approved & as directed by Engineer. (SS GRADE 316) | Sq M | 3.00 | 48065.80 | 144197.40 | |
| 56 | Providing & Fixing approved type of Roller Blinds of Marvel or vista or equivalent with imported mechanisim on windows. (Basic cost of Rs. 1200 Sq.m) | Sam | 39.00 | 1300.49 | 50710 11 | |
| 57 | Applying one coat of water thinnable primer of approved brand and manufacture on wall surface : Water thinnable cement primer including scaffolding etc. complete | Sqm Sq M | 261.00 | 73.58 | 50719.11 19204.38 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|---|------|--------|------------|-----------|-----|
| 58 | Providing and Applying 3 coats of Acrylic emulsion paint Asian paints or 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 including scaffolding etc. complete. No seperate measurement on R.M. | Sq M | 321.00 | 194.10 | 62306.10 | |
| 59 | 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. including scaffolding etc. complete. No seperate measurement on R.M. | Sq M | 522.00 | 193.13 | 100813.86 | |
| 60 | 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). including scaffolding etc. complete | Sq M | 100.00 | 185.34 | 18534.00 | |
| 61 | Providing and applying Oikos or equivalent make internal textured paint of approved shade and colour including scaffolding etc. complete. | Sq M | 20.00 | 1835.02 | 36700.40 | |
| 62 | 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 at any height / Location etc | Sq M | 20.00 | 218.50 | 4370.00 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|--|------|------|------------|----------|-----|
| 63 | Providing & laying wash basin counter | | | | | |
| | of 500-550 mm depth(clear) and at | | | | | |
| | 700mm to 800 mm ht(top)above ffl. Of | | | | | |
| | approved 20mm thk granite slab laid on | | | | | |
| | 20mm thk white marble support with | | | | | |
| | required cement morter base & 100-150 | | | | | |
| | mm thk champhered and machine | | | | | |
| | polished edge facia.it shall be supported | | | | | |
| | on side walls & with white marble vertical | | | | | |
| | supports as shown in the drawing. (Basic | | | | | |
| | granite rate=Rs 2108 per sqm) | Sq M | 2.00 | 2987.13 | 5974.26 | |
| 64 | 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 | 3915.72 | 3915.72 | |
| 65 | Providing & fixing Clarion Quarter turn | | | | | |
| | Sink cock of 'Jaquar' | | | | | |
| | /Plumber/Hindware/Cera or equivalent | | | | | |
| | make etc. complete as directed | No | 1.00 | 1023.13 | 1023.13 | |
| 66 | Providing, Fixing, Testing and | | | | | |
| | Commissioning of Wall mounted Water | | | | | |
| | closet with seat cover and accessories. | | | | | |
| | Works includes cutting & making good | | | | | |
| | the walls, holes, floors, slab wherever | | | | | |
| | required. All consumable items such as | | | | | |
| | brass screws, CP extension nipple of | | | | | |
| | approved make, dia and length, wooden | | | | | |
| | plugs, Teflon tape, sealant, gasket, | | | | | |
| | cement solvent should be provided by | | | | | |
| | vendor and it should be complete in full | | | | | |
| | respect. Constellation with concealed 'P | | | | | |
| | or S' trap of CI chair brackets, fischer | | | | | |
| | bolts with CP bolts / nuts as per technical | | | | | |
| | specification. Make :Equivalent to | | | | | |
| 1 | Hindware 92524/ Jaquar/Plumber/Cera | No | 4.00 | 16727.73 | 66010.00 | |
| L | etc. | No | 4.00 | 10/2/./3 | 66910.92 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|--|------|------|------------|----------|-----|
| 67 | Providing and fixing water closet squatting pan (Indian type W.C. pan) of Jaquar make, or Plumber/ Hindware/Cera or equivalent make, Size 260 x 440 x 580 with Ceramic P or S trap, etc complete as per the direction of Engineer In Charge. (All fixtures to be paid seperately) | | | | | |
| | | No | 2.00 | 2779.03 | 5558.06 | |
| 68 | Providing, Fixing, Testing and Commissioning of Concealed Flush cistern with cover plate complete and as per directed by Engineer Incharge. Make JCS -WMT-2400WS of Jaquar /Plumber/Hindware/Cera or equivalent etc (Basic cost of material Rs. 7950/- per No.) | | | | | |
| | , | No | 6.00 | 10649.72 | 63898.32 | |
| 70 | Providing and fixing 15 mm dia push cock of Jaquar/ Plumber/Hindware/Cera or equivalent (self closing tap) symet type including necessary socket, testing etc, complete Poviding and Fixing of white vitreous | No | 4.00 | 315.24 | 1260.96 | |
| 70 | Urinals with push-type provision with all requisite acceessaries etc. complete. Make : Jaquar /Plumber/Hindware/Cera or equivalent | | | | | |
| | | No | 4.00 | 8085.76 | 32343.04 | |
| 71 | Providing and Fixing Stone slab table rubbed, edeges rounded and polished of size 75 X 50 cm deep and 1.8 cm thick fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 6mm nominal size) as per direction of Engineer-In Charge and finished smooth. Granite Stone of Approved shade (Basic cost of material = Rs 2537) | Sq M | 3.00 | 3550.23 | 10650.69 | |
| 72 | Poviding and Fixing 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 | No | 6.00 | 2090.98 | 12545.88 | |



| f the Engineer-in-charge. Make Jaquar LYR- | | | | | HSN |
|--|--|--|--|--|---|
| | | | | | |
| | | | | | |
| nber/Hindware/Cera or | | | | | |
| | | | | | |
| ixing, Testing and | | | | | |
| ning of Health Faucet with ong CP Braided Hoses | | | | | |
| onnectors, adapters, GI nuts, | | | | | |
| ers, check nuts, C.P. brass two | | | | | |
| ap including | | | | | |
| leeve flanges, cock, angle | | | | | |
| all other fittings/ accessories | | | | | |
| • | | | | | |
| | No | 6.00 | 1314.37 | 7886.22 | |
| Fixing of Toilet Roll Holder | | | | | |
| | | | | | |
| lindware/Cera or equivalent | | | | | |
| | No | 3.00 | 1314.37 | 3943.11 | |
| | | | | | |
| | | | | | |
| n SS grating, making | | | | | |
| LAB /WALL holes and cutting | | | | | |
| | | | | | |
| ral or equivalent | No | 8.00 | 529 58 | 4236 64 | |
| nd fixing Robe Hook two way | 110 | 0.00 | 029.00 | 1200.01 | |
| aquar / | | | | | |
| ndware/Cera or equivalent | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | 11.00 | 455.00 | = 100.10 | |
| fixing Florenting O | No | 11.00 | 466.29 | 5129.19 | |
| | | | | | |
| of | | | | | |
| ımber/Hindware/Cera or | | | | | |
| nake etc. complete as directed | No | 10.00 | 951.74 | 9517.40 | |
| • | | | | | |
| | | | | | |
| | | | | | |
| etc. complete as directed | | | | | |
| - | No | 5.00 | 930.77 | A162 95 | |
| | satisfactory installation ake: Jaquar / ndware/Cera or equivalent Fixing of Toilet Roll Holder valent to Jaquar indware/Cera or equivalent fixing PVC Nahni trap of liameter, with necessary ace of 75mm dia pipe and a SS grating, making LAB /WALL holes and cutting mplete. (Supreme/ Finolex/ al or equivalent d fixing Robe Hook two way aquar / ndware/Cera or equivalent fixing Florentine Quarter aled Stop Cock, Size 15mm of amber/Hindware/Cera or nake etc. complete as directed fixing Clarion Quarter turn and Neck Equivalent to make finite Clarion Complete as directed and Stop Cock For a complete as directed and Stop Clarion Clarion Clarion Clarion and Stop Cock For a complete as directed and Stop Clarion Clari | satisfactory installation ake: Jaquar / ndware/Cera or equivalent Fixing of Toilet Roll Holder valent to Jaquar indware/Cera or equivalent No fixing PVC Nahni trap of liameter, with necessary ace of 75mm dia pipe and a SS grating, making LAB /WALL holes and cutting mplete. (Supreme/ Finolex/ al or equivalent No fixing Robe Hook two way aquar / ndware/Cera or equivalent No fixing Florentine Quarter aled Stop Cock, Size 15mm of amber/Hindware/Cera or nake etc. complete as directed of fixing Clarion Quarter turn and No No | satisfactory installation ake: Jaquar / ndware/Cera or equivalent Fixing of Toilet Roll Holder valent to Jaquar indware/Cera or equivalent No 3.00 fixing PVC Nahni trap of liameter, with necessary ace of 75mm dia pipe and a SS grating, making LAB /WALL holes and cutting mplete. (Supreme/ Finolex/ al or equivalent No 8.00 di fixing Robe Hook two way aquar / ndware/Cera or equivalent No 11.00 fixing Florentine Quarter aled Stop Cock, Size 15mm of tmber/Hindware/Cera or nake etc. complete as directed fixing Clarion Quarter turn cong Neck Equivalent to make proper transport of the complete as directed as directed fixing Clarion Quarter turn cong Neck Equivalent to make proper transport of the complete as directed as directed fixing Clarion Quarter turn cong Neck Equivalent to make proper transport of the complete as directed as directed | satisfactory installation ake : Jaquar / ndware/Cera or equivalent Fixing of Toilet Roll Holder valent to Jaquar indware/Cera or equivalent No 3.00 1314.37 Fixing PVC Nahni trap of liameter, with necessary nee of 75mm dia pipe and a SS grating, making LAB /WALL holes and cutting mplete. (Supreme/ Finolex/ al or equivalent No 8.00 529.58 If fixing Robe Hook two way aquar / ndware/Cera or equivalent No 11.00 466.29 Fixing Florentine Quarter aled Stop Cock, Size 15mm of amber/Hindware/Cera or nake etc. complete as directed Fixing Clarion Quarter turn cong Neck Equivalent to make fixing Clarion Quarter turn cong Neck Equivalent to make fixing Clarion Quarter turn cong Neck Equivalent to make fixing Clarion Quarter turn cong Neck Equivalent to make fixing Clarion Quarter turn cong Neck Equivalent to make fixing clarion Quarter turn cong Neck Equivalent to make fixing clarion Quarter turn cong Neck Equivalent to make fixing clarion Quarter turn cong Neck Equivalent to make fixing clarion Quarter turn cong Neck Equivalent to make fixing clarion Quarter turn cong Neck Equivalent to make fixing clarion Quarter turn cong Neck Equivalent to make fixing clarion Quarter turn cong Neck Equivalent to make fixing clarion Quarter turn cong Neck Equivalent to make fixing clarion Quarter turn cong Neck Equivalent to make fixing Clarion Quarter turn cong Neck Equivalent to make fixing Clarion Quarter and the cong No. 10.00 951.74 | satisfactory installation ake: Jaquar / mdware/Cera or equivalent No 6.00 1314.37 7886.22 Fixing of Toilet Roll Holder valent to Jaquar indware/Cera or equivalent No 3.00 1314.37 3943.11 Fixing PVC Nahni trap of liameter, with necessary one of 75mm dia pipe and 18S grating, making LAB /WALL holes and cutting mplete. (Supreme/ Finolex/ al or equivalent No 8.00 529.58 4236.64 If fixing Robe Hook two way andware/Cera or equivalent No 11.00 466.29 5129.19 Fixing Florentine Quarter aled Stop Cock, Size 15mm of 10.00 951.74 9517.40 Fixing Clarion Quarter turn one Nock Equivalent to make 15 per part of the complete as directed 15 per part of the complete |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|--|----------|------|-------------------|--------------------|-----|
| 79 | Providing & fixing Florentine Quarter Turn Bib Cock Angular shape of 'Jaquar' /Plumber/Hindware/Cera or | | | | | |
| | equivalent etc. complete as directed | Nos | 3.00 | 497.88 | 1493.64 | |
| 80 | Poviding and Fixing Bottle trap single piece complete and as directed by Engineer Incharge Make: Jaquar / Plumber/Hindware/Cera or equivalent make etc complete | No | 5.00 | 1672.77 | 8363.85 | |
| 81 | Poviding and Fixing of wall mounted wash basin. Make: Equivalent to Hindware-Windsor 1003/Cera/Plumber/Jaquar or equivalent | No | 3.00 | 3584.50 | 10753.50 | |
| 82 | Providing & fixing of new aprox. size 190 x 550 x 430 mm glazed vitreous earthernware Hand Wash Basin (Under - Counter Basin) of aproved make of Jaquar /Hindware/Cera/Plumber or equivalent etc cutting counter top, drilling holes in the walls & making good the damages etc. all complete & as directed by Engineer. | No | 2.00 | 3323.94 | 6647.88 | |
| 83 | Poviding & Fixing of Soap Holder Make: Jaquar /Plumber/Hindware/Cera or equivalent | | | | | |
| 84 | Poviding & Fixing of Soap dispenser Make: Jaquar / Plumber/Hindware/Cera or equivalent | No No | 3.00 | 836.43 1015.58 | 4182.15 3046.74 | |
| 85 | Poviding & Fixing of Towel rail Make: Jaquar /Plumber/Hindware/Cera or equivalent | | | | | |
| 86 | Poviding & Fixing of Towel Holder Ring Make: Jaquar /Plumber/Hindware/Cera | No | 3.00 | 1520.38 | 3584.52 | |
| 87 | or equivalent 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 | No | 3.00 | 1529.38 | 4588.14 | |
| | cleats with C.P. brass screws and washers complete. | No | 5.00 | 1362.12 | 6810.60 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|---|-------|-------|------------|----------|-----|
| 88 | 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 | NT. | 2.00 | 1754.05 | 5060.15 | |
| 00 | complete | No | 3.00 | 1754.05 | 5262.15 | |
| 89 | Providing & fixing 30mm thick fibre glass reinforced polyester door shutter | | | | | |
| | as per IS14856 without ventilator | | | | | |
| | including chromium plated fixtures and | | | | | |
| | fastening with chromium plated handles | | | | | |
| | on both sides etc. complete as directed. | Sqm | 12.00 | 3515.94 | 42191.28 | |
| 90 | Providing and fixing ISI marked Anodised | oqiii | 12.00 | 0010.51 | 12171.20 | |
| 50 | Aluminium Fittings (anodic coating not | | | | | |
| | less than AC 10 as per IS 1868 | | | | | |
| | transparent or dyed to required colour or | | | | | |
| | shade)-Handles of 125mm with | | | | | |
| | necessary screws complete | No | 10.00 | 57.96 | 579.60 | |
| 91 | Providing and fixing ISI marked Anodised | | | | | |
| | Aluminium Fittings (anodic coating not | | | | | |
| | less than AC 10 as per IS 1868 | | | | | |
| | transparent or dyed to required colour or | | | | | |
| | shade)-Tower bolts of size 200 x 10mm | | | | | |
| | with nuts and screws complete | No | 9.00 | 87.64 | 788.76 | |
| 92 | Providing and fixing ISI marked Anodised | | | | | |
| | Aluminium Fittings (anodic coating not | | | | | |
| | less than AC 10 as per IS 1868 | | | | | |
| | transparent or dyed to required colour or | | | | | |
| | shade)-Sliding door bolts of size 250 x | | | | | |
| | 16mm with nuts and screws complete | No | 9.00 | 226.73 | 2040.57 | |
| 93 | Providing and fixing Chlorinated Polyvinyl | | | | | |
| | Chloride (CPVC) pipes of Astral, Prince 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 | | | | | |
| | i) 15 mm nominal dia Pipes | | | | | |
| | * | Rmt | 63.00 | 425.82 | 26826.66 | |
| | ii)20 mm nominal dia Pipes | | | | | |
| | | Rmt | 30.00 | 495.88 | 14876.40 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|---|----------------|-------|------------|-----------|-----|
| | iii) 25 mm nominal dia Pipes | Б., | 10.00 | 607.41 | 6074.10 | |
| 0.4 | | Rmt | 10.00 | 607.41 | 6074.10 | |
| 94 | Providing & fixing PVC waste pipe for | | | | | |
| | sink/wash basin including PVC waste | | | | | |
| | fittings complete40mm dia semi rigid | _D , | 20.00 | 00.11 | 1060.00 | |
| 0.5 | pipe (Wash Basin/Sink/Urinal) | Rmt | 20.00 | 98.11 | 1962.20 | |
| 95 | 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. i) 110 mm dia. PVC pipe. (Prince, | | | | | |
| | Supreme or equivalent) | Mtrs. | 63.00 | 478.36 | 30136.68 | |
| | ii) 75 mm dia. PVC pipe. (Prince, Supreme | witis. | 03.00 | 476.30 | 30130.00 | |
| | or equivalent) | | | | | |
| | or equivalent) | | | | | |
| | | | | | | |
| | | Mtrs. | 63.00 | 314.23 | 19796.49 | |
| 96 | 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. | 50.00 | 116.70 | 5835.00 | |
| 97 | Providing and fixing Aluminium | | | | | |
| | Composite Panels (ACP) made out of 4 | | | | | |
| | 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 | Sq M | 39.00 | 3593.78 | 140157.42 | |



| Sr. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|-----|---|------|--------|------------|----------|----------|
| No. | 00 (1:-1-1 | _ | C 13 1 | | | |
| | 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. | | | | | |
| 98 | Providing pest control and anti-termite | | | | | |
| | treatment by appointing a specialised | | | | | |
| | agency, such as PCI as per the | | | | | |
| | specifications mentioned by the bureau of | | | | | |
| | indian standards and agencies | | | | | |
| | specifications (whichever is higher), | | | | | |
| | (Drilling) for general civil, plumbing, | | | | | |
| | drainage, timber/carpentry works & | | | | | |
| | gypsum related works, including a 02- | | | | | |
| | years guarantee under suitable | | | | | |
| | undertaking on stamp paper etc.complete | | | | | |
| | as directed.(mode of measurement to be | | | | | |
| | on carpet -area of floor & not the area of | 0.16 | 200.00 | 77.40 | 00045 00 | |
| | surface treated.) | Sq M | 300.00 | 77.49 | 23247.00 | |
| 99 | Providing & Laying Plain Cement | | | | | |
| | concrete (PCC-Cast in Situ)at any | | | | | |
| | location, curing excluding centering, | | | | | |
| | shuttering etc;complete as directed | | | | | |
| | UPTO FLOOR NINE LEVEL(1:1.5:3) | | | | | |
| | Concrete (1 Cement: 1.5 coarse aggregate: | | | | | |
| | 3 graded stone aggregate 20mm nominal | | | | | |
| | size) | | | | | |
| | | | | | | |
| | | Cum. | 7.00 | 8713.35 | 60993.45 | |
| 100 | Providing and fixing machine cut, mirror / | | | | | |
| | eggshell polished, Marble stone work for | | | | | |
| | wall lining (veneer work) including dado, | | | | | |
| | skirting, risers of steps etc., in required | | | | | |
| | design and pattern wherever required, | | | | | |
| | stones of different finished surface texture, | | | | | |
| | on 12 mm (average) thick cement mortar | | | | | |
| | 1:3 (1 cement : 3 oarse sand) laid and | | | | | |
| | jointed with white cement slurry @ 3.3 | | | | | |
| | kg/sqm including pointing with white | | | | | |
| | cement slurry admixed with pigment of | | | | | |
| | matching shade, including rubbing, | | | | | |
| | curing, polishing etc. all complete as per | | | | | |
| | Architectural drawings, and as directed by | | | | | |
| | the Engineer-in-Charge. | | | | | |
| | a. 18 mm thick Italian Marble stone | | | | | |
| | slab, Perlato, Rosso verona, Fire Red or | | | | | |
| | Dark Emperadore etc. (Basic rate of | | | | | |
| | material = Rs 3200) | Sqm | 14.00 | 7101.55 | 99421.70 | <u> </u> |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|---|------|--------|------------|-----------|-----|
| 101 | Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.). | Kg | 131.00 | 698.94 | 91561.14 | |
| В | Mechanical Work HVAC System | | | | | |
| 102 | Pump down of existing 66 HP VRF system Pump down of existing 66 HP (52.8 TR) VRF system of Six Floor - Collecting the exsiting refrigerant from the entire VRF system into the compressors of Out Door Units (ODUs) before dismantling the connected indoor units and its associated copper piping. | JOB | 1 | 108208.00 | 108208.00 | |
| 103 | 66HP (52.8TR) VRF Outdoor Unit Testing and Commissioning of 66 HP (52.8 TR) VRF outdoor unit all complete alongwith all accessories, copper refrigerant piping, necessary electrical installation with cabling, drain piping with adequate charging of refrigerant gas same as that provided by factory pre charged gas for complete length of copper piping from each indoor to respective outdoor units etc. all complete as directed by MDL Engineers. Cost includes necessary top up refrigerant gas considering the complete length of copper piping from each indoor to respective outdoor units | | | | | |
| | etc. | JOB | 1 | 167280.00 | 167280.00 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|---|------|------|------------|-----------|-----|
| 104 | Copper refrigerant piping Supply & Installation of copper refrigerant piping of suitable dia compatible with the refrigerant gas & air conditioner model with insulation/nitrile rubber sleeves (13 mm thk), end connections with appropriate clamping / supporting arrangement including making holes in walls with core cutting & proper finishing for connectivity from indoor to outdoor unit etc all complete as directed by MDL engineer. Insulation Preferred make - K- LEX/SUPERLON/ARMACELLNote: a) Copper tubing work for refrigerant would be measured in running meters in one direction along thelength 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 BOO | | | | | |
| | quantity. | Rmt | 50 | 3697.60 | 184880.00 | |
| 105 | Dismantling existing VRF High Wall Dismantling & removing existing VRF High Wall Indoor Unit & all its accessories etc. all complete in all termsincluding lifting, packing and shifting the same to a proper place in MDL as designated by client on site. The indoor units are to be packed properly and preserved in "as is" condition till re-installation to the existing new location. | | | | | |
| | | Nos | 18 | 1800.00 | 32400.00 | |
| 106 | Drain piping in CPVC 25mm dia. & 6mm tk. "Providing and fixing of Drain piping in CPVC with all fittings, bends, supports and clamps, including chasing and drilling holes in walls. Preferred Make: CPVC PIPE: PRINCE / ASTRAL/Supreme INSULATION : SUPERLON/K-FLEX/ARMACELL25 mm dia. CPVC pipe with 6 mm thick | | | | | |
| | nitrile rubber insulation." | Rmt | 15 | 600.00 | 9000.00 | |



| Sr. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|-----|---|-------|------|------------|----------|-----|
| No. | | Ome | Qty. | Final Rate | Amount | HON |
| 107 | tk. "Providing and fixing of Drain piping in CPVC with all fittings, bends, supports and clamps, including chasingand drilling holes in walls.Preferred Make: CPVC PIPE: PRINCE / ASTRAL/SupremeINSULATION: SUPERLON/K-FLEX/ARMACELL32 mm dia. CPVC pipe with 6 mm thick nitrile rubber insulation." | Rmt | 20 | 696.00 | 13920.00 | |
| 108 | Control Cabling | KIIIU | 40 | 090.00 | 13920.00 | |
| | Providing and fixing of Control Cabling between the indoor units & outdoor units. 4C x 2.5 Sq.mm 2XWY XLPE insulated, PVC inner sheathed, copper conductor, armoured , FRLS PVC outer sheathed cables | Rmt | 60 | 312.00 | 18720.00 | |
| 109 | VRF System HIGH WALL UNITS "Installation, Testing and Commissioning of existing Hi-Wall Type Units (IDU) in VRF System complete along with supports, fasteners | | | | | |
| | | Nos | 18 | 2800.00 | 50400.00 | |
| C | Electrical Work | | | | | |
| | Main Incoming DB | | | | | |
| 110 | Supplying and erecting switch disconnector fuse (SDF) switch 415V, 160A, 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 | 1.00 | 9270.54 | 9270.54 | |



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| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
| 111 | IP 43 & IP 30 Vertical TPN Distribution Board with Modular Incomer with Metal door (Box only) of of various sizes on wall/Column/ floor mounting, with detachable gland plate, terminal connectors and other required hardware & fasteners. DB shall be designed with provision for MCCB as incomer & SP / TP MCB as outgoing as per requirement. (Cost of the DBs will be without MCB, MCCB). DB shall be as per IS 8623-1 & 3 / IEC 61439-1 & 3. | | | | | |
| | IP 43 4 Way MCCB DB (125/160A MCCB + 4Way TP MCB /12 Way SP MCB) | AU | 1.00 | 15641.72 | 15641.72 | |
| | Incomer | NO | 1.00 | 13041.72 | 130+1.72 | |
| 112 | Providing & erecting 3 Pole MCCB, 415 V, 160A, rated short-circuit breaking capacity 25 kA (Ics=100% 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 Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 3½ core 95 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 | AU | 1 | 11263.00 | 11263.00 47910.70 | |
| | Outgoing | | | | | |
| 114 | Unit rate of 240V/415V, 'C' Curve, 10kA, Miniature circuit breaker suitable for DB mounting complete with connection, testing & commissioning etc. as required. | | | | | |
| | 32A TP MCB | AU | 1 | 1720.47 | 1720.47 | |
| | 40A TP MCB | AU | 2 | 2839.79 | 5679.58 | |



| Sr. | Description | | | | | |
|-----|--|------|------|------------|----------|-----|
| No. | - | Unit | Qty. | Final Rate | Amount | HSN |
| | 63A TP MCB | AU | 1 | 2631.25 | 2631.25 | |
| | Lighting DB | | | | | |
| 115 | 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 | 3596.29 | 2596.29 | |
| | Incomer | | | | | |
| 116 | Supplying, erecting & marking FPMCB 6A to 32A, with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB | AU | 1 | 1126.77 | 1126.77 | |
| 117 | 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 | 15 | 316.01 | 4740.15 | |
| | Outgoing | | | | | |
| 118 | Supplying, erecting & commissioning 2 pole RCCB 16/25A, electromagnetic type with 30/100/300 mA sensitivity with earth leakage trip indication complete as per specification no. SW-RCCB/RCCB | AU | 3 | 2221.61 | 6664.83 | |
| | Unit rate of 240V/415V, 'C' Curve, 10kA, Miniature circuit breaker suitable for DB mounting complete with connection, testing & commissioning etc. as required. | | | | | |
| 119 | 6A to 20 A SP MCB | AU | 6 | 353.24 | 2119.44 | |
| 120 | 32A SP MCB | AU | 6 | 355.37 | 21232.22 | |
| | Power DB | | | | | |



| Sr. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|----------------|--|------|-------|------------|----------|-----|
| No. 121 | Supplying & erecting triple pole and neutral distribution board (TPNDB), SPMCB of 12 ways /phase (36 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 Incomer | AU | 1.00 | 4903.93 | 4903.93 | |
| | Incomer | | | | | |
| 122 | Supplying, erecting & marking FPMCB 40A to 63A, with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB | AU | 1 | 1414.04 | 1414.04 | |
| 123 | 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 | 918.22 | 13773.30 | |
| | Outgoing | | | | | |
| 124 | Supplying, erecting & commissioning 2 pole RCCB 63A, electromagnetic type with 30/100/300 mA sensitivity with earth leakage trip indication complete as per specification no. SW-RCCB/RCCB | | | | | |
| | | AU | 3 | 2945.12 | 8835.36 | |
| | Unit rate of 240V/415V, 'C' Curve, 10kA, Miniature circuit breaker suitable for DB mounting complete with connection, testing & commissioning etc. as required. | | | | | |
| 125 | 6A to 20 A SP MCB | AU | 24.00 | 353.24 | 8477.76 | |
| 126 | 32A SP MCB | AU | 6 | 355.37 | 2132.22 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|--|-------|------|------------|----------|-----|
| 127 | Supplying and erecting blanking plate of suitable size on MCB DB | AU | 17 | 15.96 | 271.32 | |
| | Computer DB | | | | | |
| 128 | Supplying & erecting triple pole and neutral distribution board (TPNDB), SPMCB of 12 ways /phase (36 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 | 4903.93 | 4903.93 | |
| | Incomer | | | | | |
| 130 | Supplying, erecting & marking FPMCB 40A to 63A, with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB | AU | 1 | 1414.04 | 1414.04 | |
| 131 | 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 | 918.22 | 13773.30 | |
| | Outgoing | IVICI | 10 | 710.22 | 13773.30 | |
| 132 | Supplying, erecting & commissioning 2 pole RCCB 63A, electromagnetic type with 30/100/300 mA sensitivity with earth leakage trip indication complete as per specification no. SW-RCCB/RCCB | AU | 3 | 2945.12 | 8835.36 | |
| | Unit rate of 240V/415V, 'C' Curve, 10kA, Miniature circuit breaker suitable for DB mounting complete with connection, testing & commissioning etc. as required. | | J | | | |
| | 6A to 20 A SP MCB | AU | 24 | 353.24 | 8,477.76 | |
| 133 | 32A SP MCB | AU | 6 | 355.37 | 2,132.22 | |
| 134 | Supplying and erecting blanking plate of suitable size on MCB DB | AU | 17 | 15.96 | 271.32 | |
| 135 | Supplying, erecting & commissioning 2 pole RCCB 63A, electromagnetic type with 30/100/300 mA sensitivity with earth | AU | 3 | 2,945.12 | 8,835.36 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|---|------|------|------------|-------------|-----|
| 1101 | leakage trip indication complete as per specification no. SW-RCCB/RCCB | | | | | |
| | LIGHTING FIXTURE | | | | | |
| | LED Square Recessed Downlighter | | | | | |
| 134 | INDOOR LED FIXTURESLED Square Recessed Downlighter 36W (600X600) | AU | 80 | 5,063.53 | 4,05,082.40 | |
| 135 | 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. Note:- 1) Driver and luminaire shall be of same make. 2) LM79 and all other reports of all luminaires shall be from accredited NABL laboratory. 3) Manufacturer Logo shall be embossed on all pressure die cast Luminaires and logo shall not be screenprint / sticker type. 4) All luminaires shall conform to respective IS | AU | 10 | 1,631.10 | 16,311.00 | |
| 136 | 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 | 33 | 4,537.00 | 1,49,721.00 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|--|------|------|------------|-----------|-----|
| 137 | Exhaust fan of 380mm sweep, 900RPM, with 2350 CFM free air delivery, AC 230V, 50 Hz, single phase complete with all necessary accessories for completing installation | AU | 1 | 2,151.39 | 2,151.39 | |
| 138 | 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, complete. | AU | 5 | 1,683.23 | 8,416.15 | |
| | SWITCH / SOCKET | | | | | |
| 139 | Supplying and erecting modular type switch 6A / 10A ISI mark approved make duly erected on provided plate and box with wiring connections complete. | AU | 78 | 76.61 | 5,975.58 | |
| 140 | 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 | 1 | 223.44 | 223.44 | |
| 141 | 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 | 149 | 119.17 | 17,756.33 | |
| 142 | Supplying and erecting ISI mark modular type switch 16 / 20 A with indicator, duly erected on provided plate and box withwiring connections complete | AU | 64 | 145.77 | 9,329.28 | |
| 143 | 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 | 28 | 170.24 | 4,766.72 | |
| 144 | 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 | 101.08 | 202.16 | |
| 145 | Supplying and erecting modular type blanking plate one module ISI mark approved make duly erected on provided plate & box. | AU | 50 | 22.34 | 1,117.00 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|--|------|------|------------|-----------|-----|
| 146 | 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 | 8 | 234.08 | 1,872.64 | |
| 147 | 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 | 33 | 235.14 | 7,759.62 | |
| 148 | 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 morter / POP as per required to match the background in an approved manner. | AU | 65 | 266.00 | 17,290.00 | |
| 149 | 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 | 70 | 294.73 | 20,631.10 | |
| 150 | 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 morter / POP as per required to match the background in an approved manner. | AU | 23 | 356.44 | 8,198.12 | |
| 151 | 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 morter / POP as per required to match the background in an approved manner. | AU | 4 | 443.68 | 1,774.72 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|--|------|------|------------|-----------|-----|
| 152 | | | | | | |
| | Supplying and erecting PVC Surface modular switch box with double mounting plate for 6 module duly erected. | AU | 3 | 236.21 | 708.63 | |
| 153 | Supplying and erecting PVC Surface modular switch box with double mounting plate for 4 module duly erected. | AU | 7 | 183.01 | 1,281.07 | |
| 154 | Supplying and erecting PVC Surface modular switch box with double mounting plate for 3 module duly erected | AU | 15 | 157.47 | 2,362.05 | |
| 148 | Supplying and erecting PVC Surface modular switch box with double mounting plate for 2 module duly erected. | AU | 5 | 136.19 | 680.95 | |
| 149 | Supplying and erecting PVC Surface modular switch box with double mounting plate for 1 module complete duly erected. | AU | 5 | 131.93 | 659.65 | |
| 150 | Supplying and erecting ISI mark modular type bell indicator, duly erected on provided plate and box with wiring connections | AU | 5 | 194.71 | 973.55 | |
| 151 | Supplying and erecting ISI mark modular type buzzer 220 / 250V, duly erected on provided plate and box with wiring connections complete | AU | 5 | 131.93 | 659.65 | |
| 152 | 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 | 5 | 137.25 | 686.25 | |
| 153 | Supplying and erecting modular type (two module) electronic step regulator. for fan, duly erected on provided plate and box with wiring connections complete | AU | 9 | 406.44 | 3,657.96 | |
| | WIRING & ACCESSORIES | | | | | |
| 153 | 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) In case length of point wiring exceeds 6 meters, add 10% of rate, for every additional length of 1 metre or part | P | 40 | 585.19 | 23,407.60 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|--|------|------|------------|-------------|-----|
| No. | thereof. 2)Point wiring starts from mainboard/intermediate switch board and suitable circuit mains are to be considered from D.B. to first board and between boards. 3)For point wiring in stair case with 2 way control point increase rate by 50% of point wiring. 4) for point wiring on stone wall add Rs. 15.00 per point wiring. 5) Acrylic sheet of appropriate size shall be provided for covering at wall entries. 6) For concealed type wiring multistranded wires shall be used. 7) Earth wire of 1.5 sq.mm. shall be terminated in each point. | | | | | |
| 154 | Secondary point wiring for additional light/ bell point in PVC trunking (casing-capping) with 1.5 sq.mm (2+1E) FRLSH grade copper wire with required accessories as per specification No: WG-PW/SW | Р | 35 | 209.61 | 7,336.35 | |
| 155 | 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 | 10 | 410.70 | 4,107.00 | |
| 156 | Supplying & erecting mains with 2x1.5 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 Note 1)Rates for the earth wire shall be calculated as one half rate of mains of bunch of two wire. 2)Earth wire should be of green colour. 3) All wires shall be of stranded type. | Mtr | 800 | 42.56 | 34,048.00 | |
| 157 | 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 Note 1)Rates for the earth wire shall be calculated as one half rate of mains of bunch of two wire. 2)Earth wire should be of green colour. 3) All wires shall be of stranded type. | Mtr | 2500 | 65.97 | 1,64,925.00 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|--|------|------|------------|-----------|-----|
| 158 | 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)Rates for the earth wire shall be calculated as one half rate of mains of bunch of two wire. 2)Earth wire should be of green colour. 3) All wires shall be of stranded type. | Mtr | 100 | 94.70 | 9,470.00 | |
| 159 | Supplying and erecting HMS PVC conduit FRLS grade 25 mm dia. With necessary accessories in wall/floor with chiselling ppropriately as per specification No: WG-MA/CC. | Mtr | 700 | 135.13 | 94,591.00 | |
| 160 | Supplying and laying HMS PVC conduit FRLS grade 20 mm dia. With necessary accessories in RCC work/false ceiling/false flooring as per specification No. WG-MA/CC. | Mtr | 800 | 105.34 | 84,272.00 | |
| 161 | Supplying and erecting HMS PVC conduit FRLS grade 32 mm dia. With necessary accessories in wall/floor with chiselling ppropriately as per specification No: WG-MA/CC. | Mtr | 200 | 191.52 | 38,304.00 | |
| 162 | Supplying and erecting 20mm dia. corrugated flexible polypropylene conduit | Mtr | 500 | 17.02 | 8,510.00 | |
| 163 | Supplying and erecting 25 mm dia. corrugated flexible polypropylene conduit | Mtr | 150 | 22.34 | 3,351.00 | |
| 164 | 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 | 150 | 43.62 | 6,543.00 | |
| 165 | Supplying and erecting PVC trunking (PVC casing-n-capping) of size 25 mm with accessories on wall/ceiling as per specification No: WG-MA/CON, para no. 1.1.2 | Mtr | 150 | 46.82 | 7,023.00 | |
| 166 | Supplying and erecting PVC trunking (PVC casing-n-capping) of size 40 mm with accessories on wall/ceiling as per specification No: WG-MA/CON. | Mtr | 250 | 86.18 | 21,545.00 | |
| 167 | Supplying and erecting PVC box trunking of size 50x50 mm. with | Mtr | 50 | 178.75 | 8,937.50 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|--|------|------|------------|-----------|-----|
| | accessories on wall/ceiling as per specification No: WG-MA/BOX. | | | | | |
| 168 | Supplying and erecting PVC box trunking of size 100x50 mm. with accessories on wall/ceiling as per specification No: WG-MA/BOX. | Mtr | 50 | 571.36 | 28,568.00 | |
| 169 | Supplying and erecting Iron work, 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. TELEPHONE WIRING & ACCESSORIES | Kg | 35 | 197.90 | 6,926.50 | |
| | EPABX, AND ACCESORIES, COMPUTER ACCESORIES, PUBLIC ADDRESS SYSTEM, CCTV | | | | | |
| 170 | SITC of PVC Telephone Cable -2 pair | Mtr | 1500 | 27.66 | 41,490.00 | |
| 171 | SITC OF ARMOURED JELLY FILLED TELEPHONE CABLE -20 pair | Mtr | 100 | 189.39 | 18,939.00 | |
| 172 | Supplying and erecting modular type telephone socket one gang with safety shutter, duly erected on provided plate and box with wiring connections complete | AU | 36 | 102.14 | 3,677.04 | |
| 173 | SITC of 20 pair M.S.Junction Box for EPABX | AU | 2 | 1,371.48 | 2,742.96 | |
| 174 | SITC of 10 pair M.S.Junction Box for EPABX | AU | 1 | 1,096.97 | 1,096.97 | |
| 175 | Supplying, erecting & commissioning 10 pair module for connection & | AU | 3 | 388.36 | 1,165.08 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|--|------|------|------------|-------------|-----|
| | disconnection of telephone cable as per specification no. WG-TW | | | | | |
| 176 | Supplying & erecting over voltage protection magazine suitable for 10 pair as per specification no. WG-TW | AU | 3 | 421.34 | 1,264.02 | |
| 177 | Supplying & erecting co-axial copper cable low voltage grade tri-shielded RG- 6 as per specification No. WG-TW | M | 25 | 50.01 | 1,250.25 | |
| | COMPUTER ACCESSORIES | | | | | |
| 178 | Supplying and erecting modular type computer Jack RJ45 with safety shutter, duly erected on provided plate and box with wiring connections complete. | AU | 77 | 138.32 | 10,650.64 | |
| 179 | Supplying and installing cat-6 cable suitable for networking as per specification no. WG-COC/NC | Mtr | 3500 | 56.39 | 1,97,365.00 | |
| 180 | Supplying and fixing 1 meter length, UTP Patch cord of Cat 6 type in position as per specification No. WG-COC/PC of PWD Specifications | AU | 77 | 247.91 | 19,089.07 | |
| 181 | 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 | 77 | 356.44 | 27,445.88 | |
| 182 | Supplying, installing and testing UTP connector (RJ-45) as per specification No. WG-NAS/UTPC. | AU | 6 | 84.06 | 504.36 | |
| 183 | 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 arrangement for fixing as per specification No. WG- NAS/RAK | AU | 4 | 5,256.11 | 21,024.44 | |
| 184 | Supplying and fixing 6U wall mount rack (Dimension-DxWxH – 500x600x367 mm) as per specification No. WG-NAS/RAK | AU | 1 | 8,856.65 | 8,856.65 | |
| 185 | Supplying and fixing 9U wall mount rack (Dimension-DxWxH – 500x600x500 mm) as per specification No. WG-NAS/RAK | AU | 1 | 9,646.13 | 9,646.13 | |
| 186 | Supplying and fixing 24 port patch panel with tool-less keystone jacks in provided U Rack complete as per specification no. WG-NAS/PP | AU | 4 | 11,295.32 | 45,181.28 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|---|------|------|------------|-----------|-----|
| 1101 | RACEWAY/CABLE TRAY | | | | | |
| 187 | Readymade 2500mm standard length, prefabricated, GI trunking from MS sheet and then hot dip galvanised, of following sizes and associated accessories such as coupler plates, tees, elbow etc. 50 mm side flanges shall be provided. Galvanisation thickness shall be minimum 86 Micron. cost of trunking shall be included junction box of suitable size, and all other accessories required to complete the work | | | | | |
| 188 | G.I. Trunking / Duct / Raceway & all other accessories – 100 x 40mm (W x H) - (14 SWG - 2mm) with cover without partition | M | 70 | 266.51 | 18,655.70 | |
| 189 | G.I. Trunking / Duct / Raceway & all other accessories – 50 x 40mm (W x H) with cover with one partition | M | 80 | 340.89 | 27,271.20 | |
| 190 | Following sizes PVC trunking with cover and all other accessories to complete the work like bend, partion, internal and external angles etc. cost of trunking shall be included base, cover, finishing accessories, junction boxes and mounting wiring accessories. | | | | | |
| 191 | PVC Trunking with cover & all other accessories – 150 x 50mm (W x H) - PVC Trunking with cover and partition | AU | 10 | 1,518.51 | 15,185.10 | |
| 192 | PVC Trunking with cover and partition der coated junction box of size 150X150X50 mm with partition. | AU | 20 | 1,863.53 | 37,270.60 | |
| | TREASURY INCOMER | | | | | |
| 193 | Supplying and erecting switch disconnector fuse (SDF) switch 415V up to 63A, 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 | 2,933.42 | 2,933.42 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|--|------|------|------------|-----------|-----|
| 194 | SITC of 3 Pole MCCB, 63A, 415V, with short circuit rating 25 kA (Ics=100% of Icu), adjustable thermal (overload) setting and fixed magnetic setting with provided leads, provision for installation of shunt/UV/ trip alarm contact with phase barriers both sides of Approved Make | AU | 1 | 7,200.41 | 7,200.41 | |
| 195 | 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 | | 1 | 6,988.29 | 6,988.29 | |
| 196 | Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, $3\frac{1}{2}$ core 35 sq. mm. aluminium conductor complete erected with glands & lugs, on wall/ trusses/pole or laid in provided trench/ pipe as p | M | 40 | 311.75 | 12,470.00 | |
| | OUTGOING | | | | | |
| 197 | Supplying, erecting & marking TPMCB 6A to 32A, with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB | AU | 2 | 799.06 | 1,598.12 | |
| 198 | Supplying, erecting & marking TPMCB 40A to 63A, with rated short - circuit breaking capacity (Icn) 10kA in provided distribution board as per specification no. SW-SWR/MCB | AU | 2 | 1,055.48 | 2,110.96 | |
| 199 | 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 | M | 15 | 421.34 | 6,320.10 | |
| 200 | Supplying, erecting & terminating FR XLPE insulated, galvanised steel formed wire armoured (strip) cable 1100 V, 4 core 10 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 | М | 20 | 641.59 | 12,831.80 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|---|------|------|------------|-----------|-----|
| | POWER DB | | | | | |
| 201 | Supplying & erecting triple pole and neutral distribution board (TPNDB), SPMCB of 12 ways /phase (36 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 | 4,903.93 | 9,807.86 | |
| | Incomer | | | | | |
| 202 | 40A FP MCB | AU | 2 | 1,414.04 | 2,828.08 | |
| | Outgoing | | | , | | |
| 203 | Supplying, erecting & commissioning 2 pole RCCB 63A, electromagnetic type with 30/100/300 mA sensitivity with earth leakage trip indication complete as per specification no. SW-RCCB/RCCB | AU | 6 | 2,945.12 | 17,670.72 | |
| 204 | Unit rate of 240V/415V, 'C' Curve, 10kA, Miniature circuit breaker suitable for DB mounting complete with connection, testing & commissioning etc. as required 6A to 20 A SP MCB | AU | 21 | 353.24 | 7,418.04 | |
| 205 | | | | 0.5.5.0.5 | 1.055.11 | |
| 205 | 32A SP MCB Supplying and erecting blanking plate of | AU | 3 | 355.37 | 1,066.11 | |
| 200 | suitable size on MCB DB | AU | 20 | 15.96 | 319.20 | |
| | DISMANTLING | | | | | |
| | REMOVAL | | | | | |
| 207 | Removal of point wiring (Light ,fan points,IP,PP,call bell,gong bell,bell indicator points | Р | 60 | 9.58 | 574.80 | |
| 208 | Removal of telephone wires/ cables, any type of communication /data cables/ wires | M | 2500 | 9.58 | 23,950.00 | |
| 209 | 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 | 2000 | 3.19 | 6,380.00 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|---|------|------|------------|-----------|-----|
| 210 | Dismantling of existing fluorescent fittings of any type & size. | AU | 60 | 17.02 | 1,021.20 | |
| 211 | Removal of fixtures / fittings / ceiling fans / bulkhead / street light / gyeser etc. | AU | 50 | 40.43 | 2,021.50 | |
| 212 | Removal of switchgears/ DBs upto 200 Amp | AU | 6 | 20.22 | 121.32 | _ |
| 213 | Dismantling the existing cables of all types & size upto 10 sq mm. | М | 150 | 15.96 | 2,394.00 | |
| 214 | Dismantling the existing cables of all types & size above 10 sq mm upto 50 sq.mm. | М | 100 | 24.47 | 2,447.00 | |
| 215 | Dismantling the existing cables of all types & size above 50 sq. mm. | М | 60 | 32.98 | 1,978.80 | |
| D | Furniture (Workstation) | | | | | |
| 216 | Supplying and installation of 'L' SHAPED WORKSTATION FOR OFFICERS a) Modular Tile Based System (Sizes:- 1500mm W1 x 1500W2 x 600 D) b) Key board pull out tray:- Fully metal with powder coated. c) CPU TROLLY:- Fully metal with powder coated. d) Metal Free Standing Three Drawer (Nova) Pedestal of size: 390W x 435 D x 646 H Accessories: e) Paper Tray f) Pencil Tray g) Cup Holder h) Book Shelf Tray i) Magnetic Symbols (6 No.s in 1 Packet) x No. of Tables to be supplied with these. | Nos | 9 | 78660.40 | 707943.60 | |
| 217 | Supplying and installation of RECTANGULAR WORKSTATIONS of size 1200 W X 600 D with Metal 3 Drawer Mobile Pedestal. RECTANGULAR WORKSTATIONS: size 1200 W X 600 D with Metal 3 Drawer Mobile Pedestal. (Wish Workstation) a) KBPT with mouse - (Key Board Pull-out Tray) b) CPU Trolley | Nos | 20 | 48169.60 | 963392.00 | |



| Sr. No. | Description | Unit | Qty. | Final Rate | Amount | HSN |
|------------|--|------|------|------------|-------------|-----|
| | Accessories: | | | | | |
| | c) Paper Tray | | | | | |
| | d) Pencil Tray | | | | | |
| | e) Cup Holder | | | | | |
| | f) Book Shelf Tray | | | | | |
| | g) Magnetic Symbols (6 No.s in 1 Packet) x | | | | | |
| | No. of Tables to | | | | | |
| | be supplied with these. | | | | | |
| A | Total Amount for Civil Work | | | | 5927051.89 | |
| В | Total Amount for Mechanical/HVAC Wor | k | | | 3921031.89 | |
| | Total limount for meenanear, fivile wor | | | | 2081284.64 | |
| С | Total Amount for Electrical Work | | | | 584808.00 | |
| D | | | | | 1671335.60 | |
| | Total Excluding Amount (A+B+C+D) | | | | 10264480.13 | |
| | Add Total % GST | | | | | |
| | Gross Total Amount | | | | | |



To,
OTS-TS SECTION
OTS DEPARTMENT
MAZAGON DOCK SHIPBUILDERS LIMITED.

LIST OF TENDER DRAWINGS

| Sr. No | Drawing No. | Description of Drawing | Rev. No. |
|-----------|--|---|-------------|
| 1 | TS/CV/SY/SB2/G.FLR/R0 | EXISTING LAYOUT OF TOILET BLOCK, 6 TH FLOOR, MAZDOCK HOUSE, MDL. | 0 |
| 2 | TS/CV/NY/MZDK HOS/6 TH FLR/C&B SECTION/R0 | OPTION-04 PROPOSED LAYOUT PLAN OF TREASURY SECTION, 6 TH FLOOR, MAZDOCK HOUSE, NY | 0 |
| 3 | TS/CV/NY/MZDK HOS/6 TH FLR/C&B SECTION/R0 | PROPOSED LAYOUT PLAN OF COSTING & BUDGETING SECTION, 6 TH FLOOR, MAZDOCK HOUSE, NY | 0 |
| 4 | TS/CV/NY/MZDK HOS/6 TH FLR/C&B SECTION/R0 | OPTION-04 PROPOSED LAYOUT PLAN OF TREASURY SECTION, 6 TH FLOOR, MAZDOCK HOUSE, NY | 0 |
| 5 | TS/CV/NY/MZDK HOS/6 TH FLR/C&B SECTION/R0 | PROPOSED LAYOUT PLAN OF COSTING & BUDGETING SECTION, 6^{TH} FLOOR, MAZDOCK HOUSE, NY | 0 |



| | | | | | | | | Enclosure-22 |
|--------------------|-------------------|-------------------------|-----------------------|--------------------------------|---|------------------------------------|---|--------------|
| | | | | | | | Signature Site Executive of MDL | |
| | | | | | | | Name & S Contractors Representative | |
| | | | | | | | Date of removal of hindrance | |
| | | | | | | | Action Taken | |
| HINDRANCE REGISTER | | Contract Agreement No.: | Date of Commencement: | Stipulated Date of Completion: | Extended Date of Completion, if applicable: | Name of the Supplier / Contractor: | Signature Site Executive of MDL | |
| HINDRAN | | | | | able: | | Name & Contractors Representative | |
| | | | | etion: | etion, if applic | ontractor: | Date of notification by contractor | |
| | Vork: | ement No. | encement: | e of Compl | of Comple | upplier / C | Activity of work affected | |
| | Name of the Work: | tract Agree | of Comm | ulated Dat | nded Date | ne of the S | Nature of . Hindra- nce | |
| | Nan | Con | Date | Stipu | Exte | Nan | Sr. | |
| | ÷ | 2. | 3. | 4. | 5. | .9 | | |



To, OTS DEPARTMENT

OTS-TS SECTION

MAZAGON DOCK SHIPBUILDERS LIMITED.

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.



माझगांव डॉक शिपबिल्डर्स लिमिटेड बाह्यस्त्रोत-तकनीकी सेवाएँ विभाग

| | | | INVO | CE CERTIFICAT | ION | |
|------------|------------------------|----------|-----------------------------|---------------------|-----------------|--------------------|
| HOD Ref | <u>) (OTS)</u> No.: | | | | | Date: |
| Firm | n's Name: | M/s | | RA | Bill No: | |
| A C | ontract D | etaile | | | | |
| | | | | | | |
| | | | date | | | |
| | | | ivery date: | | | |
| | | | Risk Policy vide No | | | |
| | | | | | | |
| 5 | . Perform | nance Ba | nk Guarantee/ Security | Deposit vide No. | | dated: |
| | | | Valid till | | | |
| 6 | | | d vide Challan No | | | _ |
| | | | | | | |
| | nvoice De | | | | | |
| | | | lo: | | | |
| 2 | . Period | of Work: | From | To | | |
| | | S.N. | Description | | Amount in Rs. | |
| | | 1. | RA Bill Amount | | | |
| | | 2. | Price Variation Amoun | | | |
| | | 3. | Total | | | |
| | | | | | | |
| | ertificatio | | | | | |
| | _ | | n appended along with | | | |
| 1 | | | ry sheets duly signed at | | | |
| | | _ | neet No | | | _ |
| 0 | | | | | | |
| 2 | | | rtificate (if applicable) | | : Yes/ Not App | |
| 2 | | | r's Self Declaration: Yes | | | |
| | | | cate (applicable for Final | | · Ves / Not Apr | alicable |
| | | | oplicable for Final Invoice | | | nicable |
| | | | tent Certificate (applicat | | - | ahle |
| | | | rice Variation sheet (if p | | | |
| 8. | | | antee against Water | | | |
| | / Not Appl | | arros agamos water | produits/ Dealtages | (applicable 101 | inter invoice only |
| | | | ductions to be made from | m the invoice: | | |
| - • | 10110 | 8 40 | 101 | | | |
| | | | | | | |



| a) | Liquidated Damages as per purchase order levied (if applicable): | : To be levied/Not Applicable Details of LD to be |
|------------|--|---|
| b) | Other Deductions (if any): | |
| | Release of Provisional Retained Amount (if any | |
| , | , , | , |
| Engineer | in Charge / HOD (Comm) tamp with date) | Contractor (Name, Sign & Stamp with Date) |
| (Sign & Si | tamp with date | (wame, sign & stamp with Date) |
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To,
OTS-TS SECTION
OTS DEPARTMENT
MAZAGON DOCK SHIPBUILDERS LIMITED.

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) Wilfully 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.

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To,
OTS-TS SECTION
OTS DEPARTMENT
MAZAGON DOCK SHIPBUILDERS LIMITED.

CHECKLIST OF SUBMITTALS ATTACHED ALONGWITH ONLINE TECHNICAL BID

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

| S1 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 | Yes/ No | |
| 2 | Enclosure-2 viz. TEF Acceptance Form | Yes/ No | |
| 3 | Enclosure-3 viz. General Construction Work | Yes/ No | |
| 4 | Enclosure-4 viz. GCC Acceptance Form | Yes/ No | |
| 5 | Enclosure-5 viz. Deviation Form | Yes/ No | |
| 6 | CA certified Average Audited Annual financial turnover of Past 03 years | | |
| 7 | Audit certified Balance Sheets of Past 3 years ending 31 March 2024 | | |
| 8 | Audit certified Profit/Loss Accounts of Past 3 years ending 31 March 2024 | | |
| | a. Enclosure-6 & 7 viz. Bidding Capacity | | |
| | b. Whether Enclosure-6 Certified by CA | Yes/ No | |
| 9 | c. Whether Enclosure 7 Certified by CA | Yes/ No | |
| | d. Whether PO Copies in respect of Projects mentioned in Enclosure 7 submitted | | |
| | Enclosure-8 viz. Exp. in Similar Projects | | |
| 10 | a. Work Orders along with Scope of work and BOQ | | |
| | b. Completion Certificates issued / authenticated by Client | | |



| S1 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. TDS Copy in case of Work Completion Certificate issued by Private firm | | |
| 11 | Enclosure-9 viz Key Personnel for this Project | | |
| | i) Enclosure-10(A) viz. Declaration certificate for Local Content | | |
| | a. Whether Tender Item Sl No indicated at Col I of Para (d) of Enclosure | Yes/ No | |
| | b. Whether Local Content Percentage indicated at Col II of Para (d) of Enclosure | Yes/ No | |
| | c. Whether Location of Value addition indicated at Col III of Para (d) of Enclosure | Yes/ No | |
| 12 | d. Whether Enclosure-10(A) viz. Declaration Certificate for Local Content has been signed by Authorized 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 | Yes/ No | |
| | iii) Enclosure-10(F) viz Declaration in respect of of debarred under Public Procurement Policy (PPP) Make In India (MII) order 2017 | Yes/ No | |
| 13 | Enclosure-11 viz Declaration for Banned or delisted Tenderer | Yes/ No | |
| 14 | Enclosure-15 viz EMD Format | Yes/ No | |
| 15 | Enclosure-13 - Integrity Pact | Yes/ No | Not Applicable |
| | a. Enclosure-14 viz RTGS Form | Yes/ No | |
| 16 | b. Whether RTGS form is duly authenticated by any Bank | Yes/ No | |
| | a. Solvency Certificate | Yes/ No | |
| 17 | b. Whether Solvency Certificate is issued within 1 Year from Tender date | Yes/ No | |
| | c. Whether Solvency | Yes/ No | |



| S1 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 |
|----------|---|---|---|
| | is issued by a Scheduled Commercial (i.e. Indian or Foreign Banks included in the Second Schedule of Reserve Bank of India Act, 1934 excluding Co-operative banks or Regional Rural Banks). | | |
| 18 | GST Registration Certificate | Yes/ No | |
| 19 | PAN CARD | Yes/ No | |
| 20 | a. Shop & Establishment Registration Certificate or Certificate of Incorporation from Registrar of Companies or Registrar of firms. | Yes/ No | |
| | b. Whether Shop and Establishment Certificate is valid as on date of submission | Yes/ No | |
| 21 | Company Profile | Yes/ No | |
| 22 | List of Equipment's | NA | |
| 23 | Power of Attorney | Yes/ No | |
| 24 | Corrigendum, if any | Yes/ No | |
| 25 | Enclosure-29 -Declaration in respect of Conflict of Interest among Bidders/ Agents | Yes/ No | |
| 26 | Working Capital, ESIC & PF code | Yes/ No | |
| 27 | Blank Price bid rate sheet. | Yes/ No | |

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 | -201 | |
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Address Label

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

Sub: "Modernization of Costing & Budgeting &Treasury Section, Finance

Department,6th floor, Mazdock House, MDL, Mumbai."

Ref: MDL Tender No. 190000236.

EMD

To,

Head of Department (OTS), OTS Department, OTS-TS Section 6th Floor, Service Block Bldg., NY. Mazagon Dock Shipbuilders Limited, Dock Yard Road, Mumbai – 400010.



<u>माझगांव डॉक शिपबिल्डर्स लिमिटेड</u> तकनीकी सेवाएँ विभाग



Certification for Disposal of Scrap/Debris

Sub: "Modernization of Costing & Budgeting & Treasury Section, Finance Department,6th floor, Mazdock House, MDL, Mumbai."

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)



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.

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