# MB SHEET

**Dominos .....Civil & Interiors BOQ| Ver 3.0**

1. Partition, Panelling - Sq. Ft area – one side only
2. Storage Units - Sq. Ft area – Front elevation length x Front Finished height
3. False Ceiling - Sq. Ft area – Flat surface area in reflected ceiling plan
4. Flooring - Sq. Ft. area – Internal area contained within skirting
5. Pls Note Only Bison , Marine Ply and Wpc Board to be used instead of Commercial Ply
6. Chiseling work included in the items or else specified
7. Scaffolding will be in contractor scope upto 4mtr & Above 4mtr rate will be chargeable. If required for installation of civil & MEP.
8. All Items Rates are inclusive of material lead & lift charges.

**A. CIVIL & INTERIOR BOQ-Lucknow airport** — Area 516.00

| Task No. | | Sub Task No. | Name of Item | Description of Item | Unit | Quantity | Location | Length | Breadth | Hieght | Nos. | RA Qty. | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F | | | | Electrical | | | | | | | | | | |
| | F.4.0 | | | Isolators /ELCB /RCBO & SWITCH SOCKETS | | | | | | | | | | |
| | | k | | Supplying and fixing of following sizes of MS conduit along with accessories in surface/recess including painting in case of surface conduit, or cutting the wall and making good the same in case of recessed conduit as required. | | | | | | | | | | |
| | | k.1 | | 20 mm | Rmtr | 24 | | | | | 52 | 36 | | |
| | | | | | | | | | BOQ Qty | | | 24 | 50 | 1200 |
| | | | | | | | | | Extra Qty | | | 12 | | |
| | | k.2 | | 25 mm | Rmtr | 30 | | | | | 45 | 50 | | |
| | | | | | | | | | BOQ Qty | | | 30 | 80 | 2400 |
| | | | | | | | | | Extra Qty | | | 20 | | |
| | | m | | Supplying & erecting M.S flexible Conduit 25 mm dia.conforming to I.S. and approved make with required number of couplings, bushes, check nuts etc. | Rmtr | 7 | | | | | | 90 | | |
| | | | | | | | | | BOQ Qty | | | 7 | 80 | 560 |
| | | | | | | | | | Extra Qty | | | 83 | | |
| | | n | | Supplying & erecting PVC flexible Conduit 50 mm dia.conforming to I.S. and approved make with required number of couplings, bushes, check nuts etc. | Rmtr | 6 | | | | | | 6 | 30 | 180 |
| Sub Total of F.4.0 | | | | | | | | | | | | | | 4340 |
| | F.5.0 | | | LT CABLES & TERMINATIONS | | | | | | | | | | |
| | | a | SUPPLY AND LAYING OF THE CABLES | Supply, Errecting, Termination & Commissioning of following sizes of 1.1 KV grade FRLS Armoured/Unarmoured Copper/ Aluminum conductor cables laid over MS supports cable racks/trays or fixing on walls including clamping the cable to supports cable racks or fixing on walls including lugs, double compression gland and joints complete in an approved manner as required . | | | | | | | | | | |
| | | a.1 | | 4Cx16 Sq.mm AL Arm. XLPE | Rmtr | | | | | | | | | |
| | | a.2 | | 4Cx25 Sq.mm AL Arm. XLPE | Rmtr | | | | | | | | | |
| | | a.3 | | 3Cx2.5 Sqmm Cu. Arm. XLPE | Rmtr | | | | | | | | | |
| | | a.4 | | 3Cx4 Sqmm Cu. Arm. XLPE | Rmtr | | | | | | | | | |
| | | a.5 | | 3.5Cx35 Sq.mm AL Arm. XLPE | Rmtr | | | | | | | | | |
| | | a.6 | | 3.5Cx50 Sq.mm AL Arm. XLPE | Rmtr | 0 | | | | | | | | |
| | | a.7 | | 3.5Cx70 Sq.mm AL Arm. XLPE | Rmtr | 15 | | | | | | 15 | 800 | 12000 |
| | | a.8 | | 3.5Cx95 Sq.mm AL Arm. XLPE | Rmtr | | | | | | | | | |
| | | a.9 | | 4Cx2.5 Sq.mm Cu. Arm. XLPE | Rmtr | | | | | | | | | |
| | | a.10 | | 4Cx4 Sq.mm Cu. Arm. XLPE | Rmtr | | | | | | | | | |
| | | a.11 | | 4C x 6 sq.mm Cu. Arm. XLPE | Rmtr | 0 | | | | | | | | |
| | | a.12 | | 4Cx10 Sq.mm Cu. Arm. XLPE | Rmtr | 2 | | | | | | 2 | 600 | 1200 |
| | | a.13 | | 4C x 16 sq.mm Cu. Arm. XLPE | Rmtr | 0 | | | | | | | | |
| | | | CABLE TERMINATION | Supplying and making indoor Cable end Termination of following sizes 1.1kV grade LT XLPE insulated, HR PVC sheathed, stranded Aluminum/copper conductor, Armoured/ Unarmoured cables as per IS:7098 part-I including cost of tinned copper / Aluminium heavy duty crimpping lugs, double compression weatherproof glands, insulation tape, Name Plate at Both Ends and all necessary material to complete the termination. | | | | | | | | | | |
| | | b | | 2/3/3.5/4 CORES AL. CABLE WITH AL. LUGS | | | | | | | | | | |
| | | b.1 | | 35 sq.mm. | Jt | 0 | | | | | | | | |
| | | b.2 | | 50 sq.mm. | Jt | 0 | | | | | | | | |
| | | b.3 | | 70 sq.mm. | Jt | 1 | | | | | | 1 | 60 | 60 |
| | | c | | Multicore Flexible Cables : 1100 Volt Annealed Bare Electrolytic High, Conductivity Copper Conductor Flexible PVC Type 'A' Insulated & PVC ST-1 Sheathed Cables in existing Conduit. Conforming to IS: 694:1990 including Making Both End terminations with copper lugs. | Rmtr | 0 | | | | | | | | |
| | | c.1 | | 3C x 2.5mm² 1100V grade flexible copper conductor sheathed FLRS PVC cable (P, N, IG)- IS 694/1990. | Rmtr | | | | | | | | | |
| | | c.2 | | 3C x 4.0mm² 1100V grade flexible copper conductor sheathed FLRS PVC cable (P, N, IG)- IS 694/1990. | Rmtr | 0 | | | | | | | | |
| Sub Total of F.5.0 | | | | | | | | | | | | | | 13260 |
| | F.8.0 | | | Electrical Related Civil work | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | a.1 | | Excavation/ Chesselling under floor for laying cables/ conduits in wall or floor as per requirement, complete with finishing etc | Sq.Mtr | 21 | | | | | | 21 | 130 | 2730 |
| Sub Total of F.8.0 | | | | | | | | | | | | | | 2730 |
| | F.10.0 | a | | Music System/ CONDUITING/WIRING FOR TELEPHONE/DATA/ MUSIC AND COMPUTER SYSTEM | | | | | | | | | | |
| | | a.1 | | SITC of Sony Music System (DAV DZ - 350) or Equivalent Make 5.1 | no | 1 | | | | | | | | |
| | | a.2 | | Wiring to music speakers with 2 pairs 40/0.076 flexible wire (PVC insulator, annealed or surface mounted 20/25 mm PVC conduit as directed (from speaker outlet to music junction box). | Rmtr | 0 | | | | | | | | |
| | | a.3 | | Two nos. telephone jack outlet in 2 module GI outlet - {Refer Details- Electrical (C) below} | Nos | 3 | | | | | | | | |
| | | a.4 | | Providing and drawing RG-58 co-axial cable for computer system in existing PVC conduit. | Rmtr | 200 | | | | | | 180 | 25 | 4500 |
| | | a.5 | | Cat-6 Cable for Switch to Camera inlcuding conduit. | Rmtr | 120 | | | | | 370 | 300 | | |
| | | | | | | | | | | BOQ Qty | | 120 | 35 | 4200 |
| | | | | | | | | | | Extra Qty | | 270 | | |
| | | a.6 | | I O Plate including necessary Jack and connections | Nos | 4 | | | | | | | | |
| | | a.7 | | VGA cable Including spliter | Rmtr | 40 | | | | | | | | |
| | | b | Data Modular Box | | | | | | | | | | | |
| | | b.1 | | 150mm x 200 x 40mm (W x H) - (18 SWG - 2 mm) with cover with one partition. | Each | 1 | | | | | | 1 | 1000 | 1000 |
| | | b.2 | | 100 x 100 x 40mm deep with cover plate for makeline /Slap Table/Biometric | Each | 20 | | | | | | | | |
| | | b.3 | | 300 x 300 x 100 mm deep boxes with cover plate for Electrical Panel | Each | 5 | | | | | | | | |
| | | b.4 | | Supplying and fixing 1.6 mm thick MS junction/outlet 450X300X100 mm deep boxes with cover plate | Each | 0 | | | | | | | | |
| Sub Total of F.10.0 | | | | | | | | | | | | | | 9700 |
| G | | | | Fire Detection and Alarm System | | | | | | | | | | |
| | G.1.0 | | | | | | | | | | | | | |
| | | a | | Supply, installation, testing & commissioning of Conventional Type optical Smoke Detector with inbuilt scattered light measurement, rate of rise and fixed temperature based technology and LED indication should be on the centre of the detector with mounting base complete as required. | No. | 5 | | | | | | | | |
| | | a.1 | | Supply, Installation, testing & commissioning of addressable type smoke Detector with floating sensitivity Complete with all accessories like base, base box, etc. to be installed under / above false ceiling, roof and concealed space, etc. complete as required. | No. | 0 | | | | | | | | |
| | | b | | Supply, Installation, testing & commissioning of addressable type Heat Detector (fixed cum-rate of rise type) with fix temperature at 78 o C complete with all fixing accessories like base, base box, etc to be installed under /above false ceiling, roof and concealed space, etc complete as required. | No. | 0 | | | | | | | | |
| | | c | | Supply, installation, testing & commissioning of conventional Manual Call Point (break glass type)complete with push button,enclosed in box with provision of conduit/cable coupling.The unit to be painted fire red outside ,white inside and written "in case of fire break glass" or as required. | No. | 2 | | | | | | | | |
| | | c.1 | | Supply, Installation, testing & commissioning of addressable type manual call point (break glass type) complete with push button, enclosed in box with provision for cable or conduit coupling. The unit to be painted fire red outside, white inside and written 'In case of fire break glass'. | No. | 0 | | | | | | | | |
| | | d | | Supply, installation, testing & commissioning of Conventional Hooter cum Strobe complete as required.110 cd light & 85 dB adjustable at different locations complete with all fixing accessories etc under false ceiling ,roof,wall etc complete as required. | No. | 2 | | | | | | | | |
| | | d.1 | | Supply, Installation, testing & commissioning of hoooters (Specification :- 110 cd light & 85 dB with adjustable DB) at different locations complete with all fixing accessories, etc under false ceiling roof, wall etc. complete as required. | No. | 0 | | | | | | | | |
| | | e | | Supply, installation, testing & commissioning of 2 zone based conventional Fire alarm control panel with standard set complete as required. | Set | 1 | | | | | | | | |
| | | e.1 | | Supplying, erecting, testing and commissioning the addressable type Fire Alarm Control Panel (FACP) with standard accessories complete | Set | 0 | | | | | | | | |
| | | f | | Supplying and erecting PVC armoured cable 2 core 1.5 sq. mm FRLS copper conductor complete erected on wall / celling as per specification | Mtr. | 80 | | | | | | 75 | 160 | 12000 |
| | | g | | Supply installation testing and comissioning of Hood supression system(Ceasefire or equivalent). | No. | 1 | | | | | | | | |
| Sub Total of G.1.0 | | | | | | | | | | | | | | 12000 |
| | | | | | | | | | | | | | TOTAL | 42030 |

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