

TOILET RENOVATION WORK

in

Head Office Building

at ASAF ALI ROAD, DELHI

OF

THE ORIENTAL INSURANCE CO. LTD.

PART – B

FINANCIAL BID

Architects:

M/s ARCHITECTS & ASSOCIATES

Architects & Interior Designers

B-6/7 Model Town-I, Near Metro Station, Delhi-110009.

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GENERAL NOTES:

1. All items of work under this Contract shall be executed strictly to fulfil the requirements laid down under “Basis of Design” in the specifications. Type of equipment, material specification, methods of installation and testing and type of control shall be in accordance with the specifications, approved shop drawings and the relevant Indian Standards, however capacity of each component and their quantities shall be such as to fulfil the above mentioned requirements.
2. The unit rate for all equipments or materials shall include cost in **RUPEES** for equipment and materials including all taxes and duties and also including forwarding, freight, insurance and transport into Contractor's store at site, storage, installation, testing, balancing, commissioning and other works required.
3. The rate for each item of work included in the Schedule of Quantities shall, unless expressly stated otherwise, include cost of :
 - i. All materials, fixing materials, accessories, appliances tools, plants, equipment, transport, labour and incidentals required in preparation for and in the full and entire execution, testing, balancing, commissioning and completion of work called for in the item and as per Specifications and Drawings.
 - ii. Wastage on materials and labour.
 - iii. Loading, transporting, unloading, handling/double handling, hoisting to all levels, setting, fitting and fixing in position, protecting, disposal of debris and all other labour necessary in and for the full and entire execution and for the job in accordance with the contract documents, good practice and recognized principles.
 - iv. Liabilities, obligations and risks arising out of Conditions of Contract.
 - v. All requirements of Specifications, whether such requirements are mentioned in the item or not. The Specifications and Drawings where available, are to be read as complimentary to and part of the Schedule of Quantities and any work called for in one shall be taken as required for all.
4. All equipments, quantities and technical data indicated in this Schedule are for the Contractor's guidance only, these are based on the documents prepared by the Consultant. This schedule must be read in conjunction with other documents. The Contractor shall be paid for the actual quantity of work executed by him in accordance with the approved Shop Drawings at the contract rates.
5. No alteration whatsoever is to be made to the text or quantities of this Schedule unless such alteration is authorised in writing by Consultant. Any such alterations, notes or additions shall, unless authorized in writing, be disregarded when tender documents are considered
6. In the event of an error occurring in the amount of the Schedule, as a result of wrong extension of the unit rate and quantity, the unit rate quoted by the tenderer shall be regarded as firm and the extensions shall be amended on the basis of rates.
7. Any error in totalling in the amount column and in carrying forward total shall be corrected. Any error, in description or in quantity, omission of items from this Schedule shall not vitiate this Contract but shall be corrected and deemed to be variation required by the Consultant/Project Manager.
8. Rates have been called for a number of items of works, as alternatives which, for the present do not form part of the total value of tender. However the rates for these items shall be quoted, with due care so that in the event of choice of an alternative item of work, said rate shall form part of the contract and shall not violate the contract any way.
9. The Contractor shall procure and bring Materials/Equipment to the site only on the basis of drawings approved for construction and shop drawings and not on the basis of Schedule of Quantities which are provisional only. This also applies to the Contractor's requisition for Owner supplied materials.
10. **Work Timings: The work shall be carried out after the office hours i.e. between 7PM to 8AM. The work may be carried out on weekly holidays i.e. Saturday & Sunday and any other government holidays. The work shall be carried out such that the normal working of the Head office should not be disturbed and all office property should be safe guarded against any damage.**

| S. No. | Description | Unit | Quantity | Unit Rate (in Rs) | Amount (in Rs) |
|-----------|---|------|----------|-------------------|----------------|
| A | DISMANTELLING WORK | | | | |
| | Notes: 1) The rates quoted shall include all material required including disposal of items outside the premises as directed. 2) The contractor shall clear the site of all dismantled material including all debris, old sanitary fittings like pipes, GI & CP fittings, steel, mirrors, old toilet doors, etc. The contractor shall pay to the OIC for any serviceable/useful item that is removed by him from the site. The company shall not retain any serviceable or un-serviceable item, the quotation shall thus be made accordingly. | | | | |
| 1 | Dismantling of brick masonry 115mm or 230mm or more thickness in cement mortar, along with plaster, tile, dado, manually or by mechanical means and removal of serviceable material and disposal of unserviceable material outside the premises area | L/S | | | |
| 2 | Dismantling of RCC including plaster /in lintels, slabs etc. including removal of loose concrete in surrounding if any and cutting and removal of reinforcement, removal of serviceable material & disposal of unserviceable material outside the premises area. | L/S | | | |
| 3 | Dismantling the existing flooring at all types including skirting, base course, filled up material, stone soling, removal of serviceable material in proper way and disposal of unserviceable material outside the premises area. (only exposed finish area will be considered for measurement.) | L/S | | | |
| 4 | Dismantling existing doors, windows, ventilators, with flush, glazed (partly or fully), wire mesh or louvered shutters etc. including frames, glass, wire mesh, fittings, cover moulds, etc. including removal of serviceable material from premises & disposal of unserviceable material outside the premises as per the direction of Architect . | L/S | | | |
| 5 | Dismantling old plaster, including existing tile work and wall finishing, raking out joints, and cleaning the surface from plaster, w.c. seats, including disposal of unserviceable material. | L/S | | | |
| | TOTAL CARRIED OVER TO SUMMARY | | | | |
| | | | | | |
| A1 | REMOVAL OF SERVICABLE MATERIAL: AMOUNT TO BE RECEIVED BY THE OIC | | | | |
| 1 | Amount payable to OIC against the dismantled items to be retained or disposed off by the contractor as explained above in note (2). | | | | |
| | TOTAL CARRIED OVER TO SUMMARY | | | | |

| S. No. | Description | Unit | Quantity | Unit Rate (in Rs) | Amount (in Rs) |
|----------|---|------------|------------|-------------------|----------------|
| B | NEW WORK | | | | |
| 1 | Providing & laying Water Proofing Treatment in sunken portions of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying: a) after surface preparation, first layer of slurry of cement @0.488kg/sqm mixed with water proofing cement compound @0.253kg/sqm. b) laying second layer of Fibre glass cloth when the 1 ST layer is still green. Overlaps of joints of fibre cloth should not be less than 10cm. c) 3 RD layer of 1.5 mm thickness consisting of slurry of cement @1.289 kg/sqm mixed with water proofing cement compound @0.670kg/sqm & coarse sand @1.289kg/sqm. This will be allowed to air cure for 4hours followed by water curing for 48hours. The entire treatment will be taken upto 30cm on parapet wall & tucked into groove in parapet all around d) 4 TH & final layer of brick tiling with cement mortar (which will be paid for separately. For the purpose of measurement the entire treated surface will be measured. | SQM | 280 | | |
| 2 | Providing and laying RCC (in Lintels, wash basin counter tops, etc.) of grade M-20, including cost of centring, shuttering & reinforcement, including mechanically mixing & vibrating, curing etc. Complete all work in all level & all heights. | CuM | 2 | | |
| 3 | Providing and laying Half brick work in superstructure at all floors, levels and height in CM 1:3 (1 cement: 3 coarse sand) including providing and placing in position 2 no, 6mm dia MS bars @every 3rd coarse of half brick. | Sqm | 20 | | |
| 4 | Providing and laying in Vitrified Floor Tiles of 300x 600 (approx) size (thickness as per manufacturers specifications) with water absorption less than 0.08% and conforming to IS:15622 of approved make. Kajaria, Somany, Nitco or equivalent. | SQM | 218 | | |
| 5 | Providing and laying Granite Slab on Wash Basin Counter top 18mm to 20mm thick pre- polished light coloured as approved by the Architect. | SQM | 33 | | |
| 6 | Providing and laying 1st quality of Ceramic Wall Tiles of minimum 8mm thick and all sizes but not less than 300x600mm) of approved make & pattern (Make: Kajaria, Somany, Nitco or equivalent confirming to IS: 15622) in skirting and dado with cement base. | SQM | 855 | | |
| 7 | Providing & fixing at all height False Ceiling of 12.5mm thick tapered edge Gypsum Board conforming to IS:2095 including providing & fixing of frame work made of special sections power pressed from MS sheet & galvanized in accordance with Zinc coating 600 as per IS:277 & consisting of angle cleats of size 25mm wide x1.60mm thk with flanges of 22mm & 37mm at 1200mm centre to centre one flange fixed to the ceiling with 6mmØ bolts to the angle hangers of 25X25X5mm of required length & other end of angle hanger being fixed with nut & bolts to G.I.channels 45mmX15mmX0.9mm running at the rate of 1200mm | <u>SQM</u> | <u>218</u> | | |

| S. No. | Description | Unit | Quantity | Unit Rate (in Rs) | Amount (in Rs) |
|-----------|---|------|----------|----------------------|-------------------|
| | <p>centre to centre to which the ceiling sections 0.5mm thick bottom wedge of 80mm with tapered flanges of 26mm each having clips Of 10.5mm at 450mm centre to centre shall be fixed in a direction perpendicular to G.I. channel with connecting clips made out of 2.64mm dia X 230mm long G.I. wire at every junction including fixing the gypsum board with ceiling section and perimeter channels 0.5mm thick 27mm high having flanges of 20mm & 30mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450mm centre to centre with 25mm long drive-all screws@230mm interval including jointing & fixing to a flush finish of tapered and square edges of the gypsum board with recommended filter paper tapes finishers and two coats of primer suitable for gypsum board as per manufactures specifications & also including the cost of making opening for light fittings, grill diffusers, cutout made with frame of perimeter channels suitably fixed all complete as per drawing & specifications & directions of the LPL. Cost of painting will be extra. All the G.I sections should be of GypSteel. All material to be used are of M/s India Gypsum Co.</p> <p>P.O.P. punning over plastered area above the wall tiled area if any, for making surface even including Cornice if required/as per instructions of Architect in charge & design.</p> | | | | |
| 8 | <p>Providing & Fixing in position Complete <u>Toilet/Rest Room Cubicle-partition System</u> Comprising of rigid SS components including 600wide standard doors & (1) Indicator Lock (2) Automatic Reverse Hinges (3) Height Adjustable Legs (4) Door Knob (5) Coat Hook & Aluminum (Brush Finish) (6) Top Rail (7) h Section (8) U Section (9) Silicon Strip to be inserted in h Section to provide Noise Dampening (10) Screws & Plugs with Water, Chemical, Heat, Bacteria, Fire, Impact & Scratch Resistant 12mm Compact Laminate. The Top Rail will be fixed end to end and all the mid and end pilasters will get fixed into it. The whole system will have upto 150 mm clearance height to the floor. U Sections will be used for Board to Board Jointing and Board to Wall Fixing. (Make: GreenLam Sturdo, Merino Besco Titan Series or equivalent.)</p> | SQM | 115 | | |
| | TOTAL CARRIED OVER TO SUMMARY | | | | |
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| C. | SANITARY & OTHER FIXTURES | | | | |
| | <p><i>Note: 1) All makes & models of the sanitary fixtures specified in this sub-head are for identification of the type of fitting only. The employer/Architect shall select the sanitary fixture from the list of approved makes as per acceptable style of interiors. The contractor will have to abide by the final decision of the authorities, without any claim, in case of change of brand or model in final selection.</i></p> <p><i>2) The rates quoted shall include all fittings & fixtures required for final commissioning of the sanitary fixtures e.g. brackets, connectors, CP extensions etc.</i></p> <p><i>3.) All variations upto 10 percent to be paid as per quoted rates & deviation of more than 10 percent shall be paid as per market rate plus 10percent.</i></p> | | | | |

| S. No. | Description | Unit | Quantity | Unit Rate (in Rs) | Amount (in Rs) |
|--------|--|------|----------|----------------------|-------------------|
| 1 | Providing and Fixing white colour vitreous china low volume flushing (3-6 litres) <u>wall mounting</u> pan 'P' trap (European type) Water Closet with dual flush concealed cistern with all internal/external fittings, WC seat cover with lid, C.I. chair, C.P. brass hinges and rubber buffer, PVC connector pipe, complete including cutting and making good the walls and floors where required. (Jaquar Florentine Model FLS-WHT-0111EWC Size 380x360x 545, EWC Concealed Cistern Jaquar Model No. CIB-WHT-31801011XWP Incl. Wall Mounting Frame, Installation Kit and Drain Pipe Connection Set for Wall Hung WC, With Flush Control Plate) CIS-CHR-31185210X Control Plate Riviera Design Or equiv., Pan connector as approved by architect.) | Nos. | 24 | | |
| 2 | Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white ceramic flushing cistern, including flush pipe, with manually controlled device (handle lever) with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests. Make: Orissa Pan: Jaquar Model No. CNS-WHT-OP01 & Vario bend CNS-WHT-OPK1 & Slim wall hung cistern with installation kit Jaquar Make: WHC-WHT-184A | Nos. | 9 | | |
| 3 | Providing and fixing white vitreous china battery based infrared Sensor Operated Urinals of approx. size 610 x 390 x 370mm having pre & post flushing with water(250 ml & 500 ml consumption), having water inlet from back side, including fixing to wall with suitable brackets all as per manufacturers specification and direction of Engineer-in-charge. (Make: Jaquar Urinal <u>URS-WHT-0704</u> , Size 710 x 485 x 300, Sensotronic Sensor Flushing Valve for Urinal with Complete Kit <u>SNR-CHR-51097</u> or /Hindware Italian Collection or equiv.) | Nos. | 29 | | |
| 4 | Providing and fixing 8mm thick opaque Toughened Glass Translucent Modesty Panels between Urinals in single piece fixed to the wall with suitable patch fittings complete, including cutting and making good the walls as per specification. (Jaquar Urinal Partition Model No. 1810-US, 1810-UC, 900mmx450mm with Chrome coloured hardware). | EACH | 23 | | |
| 5 | White Counter Top Wash Basin with C.P. single hole under counter basin. (Jaquar Florentine model FLS-WHT-0401, Size 190 x 550 x 430 or eq.) | Nos. | 33 | | |
| 6 | Sensor Operated Taps/mixer for Counter Top Wash Basin (Jaquar Sensotronic model SNR-CHR-51027 for wash basin or eq.) | Nos. | 33 | | |

| S.No. | Description | Unit | Quantity | Unit Rate (in Rs) | Amount (in Rs) |
|-------|---|------|--|----------------------|-------------------|
| 7 | Providing and fixing, including testing and commissioning 15 mm C.P. Angle Valves with polypropylene filter, union, nut and C.P. cast brass wall flange complete (PARKO, ARCO model A-80 or Jaquar or equivalent.) | Nos. | 132 | | |
| 8 | Providing and fixing C.P. brass Ablution Health Faucet assembly with 1 m long braided PVC hose with swivel hook (mounting bracket) fixed on wall complete (Jaquar model 563) | Nos. | 24 | | |
| 9 | Providing and fixing WC seat water jet . Complete with connection pipe. | Nos. | 24 | | |
| 10 | Providing and fixing C.P. brass Coat Hook fixed on toilet door or any other specified place with C.P. brass screws or Birla 3M tapes (Jaquar model 1191/ ACN-1161N or equiv.) | No. | 24 | | |
| 11 | Providing and fixing Hand Dryers at appropriate places as per the drawings and or instructions of the Architect, complete with necessary hardware and electrical connections as may be required. Make: Jaquar-Smartfloww HDR-WHT-M04A or Euronics or equivalent. | EACH | 20 | | |
| 12 | Providing and Fixing C.P. recessed type Push Button Soap Dispensers fixed on wall with C.P. brass screws on PVC rawl plugs. Complete in all respects. (Jaquar model DJ0010F, Capacity: 1.1L or eq.) | Nos. | 21 | | |
| 13 | Providing and Fixing 600mm long C.P. Brass Towel Rail at appropriate space as specified, complete with brackets and fixed to rawl plugs with C.P. brass screws (Jaquar model 1111 or eq.) | Nos. | 20 | | |
| 14 | Toilet Paper Roll Holder: Providing and fixing C.P. toilet paper holder with flap, of approved design and manufacture. Jaquar Model No. ACN-1153N. Complete. | EACH | 24 | | |
| 15 | Tissue Paper/ Paper Towel Dispensers: Providing and fixing Paper Towel Dispensers at appropriate places as per the drawings and or instructions of the Architect, complete with necessary hardware as may be required. To hold Towels with c/z Folds - Wall Mounted; Make: Jaquar DT0106CS or Euronics, capacity: 400-600 C/Z towels | EACH | 20 | | |
| 16 | Providing & fixing Bevelled Edge Mirrors of superior glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers. Make MODIFLOT, Asahi, Gold Plus or eq. of various sizes: i. 1.80m x 0.75m (14Nos.) ii. 2.00m x 0.75m (1No.) iii. 1.65m x 0.75m (2Nos.) iv. 1.30m x 0.75m (6Nos.) v. 1.00m x 0.75m (3Nos.) vi. 0.45m x 1.50m (18Nos.) | Sqm | 18.90 1.50 2.48 5.85 2.25 12.15 | | |

| S. No. | Description | Unit | Quantity | Unit Rate (in Rs) | Amount (in Rs) |
|--------------------------------------|---|------|--------------------|----------------------|-------------------|
| 17 | Providing Full Stainless Steel storage type Automatic Water Coolers at appropriate designated spaces as per drawings with Cooling capacity of 40ltrs/hr & storage Capacity of 80Ltrs. Complete with all required connections. (Make: Blue Star SDLX480) | Each | 9 | | |
| 18 | Providing <u>Stainless Steel Trash Bins</u> in each of the wash rooms at appropriate designated places as per drawings/instructions of design as approved by the Architect. (200mm dia & 600mm high) | Each | 20 | | |
| TOTAL CARRIED OVER TO SUMMARY | | | | | |
| | | | | | |
| D | SOIL, WASTE , VENT PIPES AND FITTINGS | | | | |
| | <p>NOTES: i.) <i>The main soil, waste and vent pipes have already been installed & need to be replaced with new vertical stacks and new lines for waste & Soil, from wash hand basins & WC pans shall be provided, as directed. The contractor shall make connections connected to lowest/ground level existing drainage network. All works to be done after seeking permission from building maintenance agency.</i></p> <p>ii.) <i>All variations up to 10percent to be paid as per quoted rates and deviation of more than 10 percent shall be paid as per market rate plus 10percent.</i></p> | | | | |
| 1 | Providing & laying under floors & fixing in position and testing uPVC SWR pipes confirming to IS13592 (Type B) along with all required fittings like, tees, bends & sockets, crosses & uPVC traps of self cleansing design with or without vent arm of approved make (as per approved sample) and connecting them to all the vertical stacks fixed to walls and/or suspended to ceilings with clamps and setting in cement concrete including cost of cutting and making good the walls and floors complete including cutting and making good the floors and walls where required complete of outer diameter 110mm of 6kg/cm ² pressure (Prince/Supreme/ Kisaan or equivalent (as approved) and with or without access doors complete. Entire jointing of all pipes & fittings with approved solvent cement as per manufacturer's recommendations and finally joining the vertical stacks to manholes (waste pipes through GT & soil pipes direct) complete to make drainage system functional . | M | 425 | | |
| 2 | Providing and fixing hinged Stainless Steel Grating 1.2 mm thick with S.S. frame and hinges including fixing to the floor with cement mortar (Square grating) a) 103mm square size (Chilly model Cleanout Round COR04 or eq.) | Each | 50 | | |
| 3 | Providing and laying cement concrete 1:2:4 (1 cement: 2 coarse sand: 4 graded stone aggregate 20 mm and down gauge) 75 mm in bed and all round up to 100mm uPVC pipes under floors. | RM | 250RM (Approx.) | | |
| 4 | Replacement of existing CI main drain pipes (suspended or underground) & making all necessary connections by providing & laying of new 200mm uPVC pipes, with drip-seal sealant complete in all respects uPVC SWR pipes includes excavation | M | 60 | | |

| S. No. | Description | Unit | Quantity | Unit Rate (in Rs) | Amount (in Rs) |
|----------|--|------|----------|----------------------|-------------------|
| | setting in cement concrete 1:2:4 mix under & around the pipe over 1:4:8 mass concrete bed complete including cost of cutting and making good the walls and floors as required. Inclusive of all other fittings or connections that may be required to make the sewerage disposal system operational as per the directions of the Architect. | | | | |
| 5. | Dismantling of old existing manholes and repair the floor as directed and also removal of existing under ground drain pipes and replacing this existing underground drainage installation by providing & erecting all the new manholes including excavation, concrete beds & brick walls in cement mortar, smoothly plastered including the saddle pieces smooth channels as per drawings/directed including R.C.C. top slab, with double seal C.I. cover with frame, including stacking of useful materials near the site and disposal of unserviceable materials. | Nos. | 6 | 8000 | |
| | TOTAL CARRIED OVER TO SUMMARY | | | | |
| E | WATER SUPPLY | | | | |
| | <p><u>Notes:</u> 1.) The main water supply risers in Plumbing shaft have already been installed. The contractor needs to only make connections after floor isolation valves provided in main network except wherever needed additional work. All works to be done after seeking permission from building maintenance agency.</p> <p>2.) All variations upto 10% to be paid as per quoted rates & deviation of more than 10% shall be paid as per market rate plus 10%.</p> | | | | |
| 1 | Providing, fixing & testing chlorinated poly vinyl chloride (cPVC) CTS SDR 11 hot & cold water pipes conforming to IS capable to withstand 27.6 kg/cm ² at room temperature water and 7.03 kg/cm ² at 82°C and all fittings of cPVC SDR 11 like elbow, tee, reducers, couplers, brass threaded male & female (adapters, elbow, tees) & bronze ball valves. The pipe fitting joining to be done with solvent cement as per manufacturer specifications & recommendations. The above includes chase cutting fixing of pipes fittings, including fixing the pipe with clamps at 1.00m spacing, testing of assembly and finally making good the wall to the satisfaction of Architect. (Make: Astral Flowguard or equivalent). Inclusive of all other fittings or connections that may be required to make the water supply system operational as per the directions of the Architect. | | | | |
| | Concealed Piping (water supply installations) | | | | |
| | 15mm, 20mm, 25mm, 32mm | RM | 250 | | |
| | TOTAL CARRIED OVER TO SUMMARY | | | | |

| S. No. | DESCRIPTION | UNIT | Quantity | Unit Rate (in Rs) | Amount (in Rs) |
|----------|---|------|----------|----------------------|-------------------|
| F | WOODWORK/ DOORS/ WINDOWS/ GLAZINGS | | | | |
| 1 | <p>Providing and fixing ISI marked Flush Door Shutters conforming to IS: 2202 (part-1), non decorative type, core of block board, construction with door frame of 1st class hardwood & well matched laminates of approved make, shade, pattern, pasted as per instructions & design, on both faces of shutters, Complete. including:</p> <ol style="list-style-type: none"> 35mm thick i/c ISI marked SS butt hinges, including necessary screws all complete. Providing & fixing bright finished CP brass/ steel <u>tubular latch lock</u> (with push lock arrangement inside) with necessary screw etc. complete (best make of approved quality) Providing and fixing approved <u>SS tower bolts</u> as per direction of Architect in charge including all necessary screws etc including making of holes on wall/tiles if required | Each | 25 | | |
| 2 | <p>Providing and fixing Door Closures, Dorma TS 71EN-3/4 or equivalent, rack & pinion overhead door closure suitable for door width max 1100 mm with standard arm or approved equivalent. The door closer shall be with integrated in the frame or door leaf, with rapidly decreasing opening resistance. Closing speed and latching action adjustable; mechanically cushioned limit stay. Adaptation to different rebate clearances possible non-handled (i.e. suitable for right hand & left hand door); All complete as per detail drawing, as specified and as directed by Architect/Consultant/ Project-in-Charge.</p> | Each | 21 | | |
| 3 | <p>P/F in position uPVC Windows as per drawings and details, including 4mm clear glass panes or louvered and as per manufacturers specifications. Make: Fenesta or equivalent. Complete.</p> | SQM | 30 | | |
| | TOTAL CARRIED OVER TO SUMMARY | | | | |
| G | ELECTRICAL WORKS | | | | |
| | <p><i>Note: 1) All makes & models of the Electrical fixtures specified in this sub-head are for identification of the type of fitting only. The employer/Architect shall select the electronic item/fixture from the list of approved makes as per acceptable style of interiors. The contractor will have to abide by the final decision of the authorities, without any claim, in case of any change in brand or model in final selection.</i></p> <p><i>2) The rates quoted shall include all fittings & required fixtures for final commissioning of the respective electrical item to make it completely operational as per requirement.</i></p> <p><i>3) All electrical work shall be completed as per the detailed drawings & as directed by the Architect/Consultant/ Project-in-Charge.</i></p> <p><i>4.) All variations upto 10 percent to be paid as per quoted rates & deviation of more than 10 percent shall be paid as per market rate plus 10percent.</i></p> | | | | |

| S. No. | DESCRIPTION | UNIT | Quantity | Unit Rate (in Rs) | Amount (in Rs) |
|--------|---|------|----------|----------------------|-------------------|
| 1 | Wiring | | | | |
| | Wiring for light point / fan point / exhaust fan/ mirror lights / light sockets switch with 3x1.5 (P+N+E) sq.mm copper conductor FRLS insulated 1100v grade multi strand wire in concealed / surface using 20/25/32 pvc conduit, with all bend, tees, saddle mounting box, cover plate, ceiling rose, etc. Suitable chases to be cut wherever required, complete with chromium plate brass screws / rawl plugs etc..The circuit wiring starts from DB to point control box /switch box using 3x2.5 (P+N+E) sq.mm copper conductor FRLS insulated 1100V grade multi-strand wire with notification ferrules at both end complete in all respect. The conduit chase must be filled with cement mortar and finish the same in original form. Each circuit shall have separate earth wire. All switch sockets must be for modular type with M.S. Boxes and plate extra etc. as required. Circuit wiring is to be included in wiring. Make: North West, Norisys, or equivalent as approved. | | | | |
| | 1.1 One light controlled by one 6A modular one way switch. | Nos. | 175 | | |
| | 1.2 Two light controlled by one 6A modular one way switch. | Nos. | 20 | | |
| | 1.3 Wiring for 5 pin 6A <i>Light plug point</i> with 1.5 Sq.mm PVC insulated Fire Resistant Low Smoke (FRLS) multi-strand copper conductor 1100Volt grade wires in recessed/surface PVC conduits, including cost of providing saddles for surface conduiting and/or cost of cutting & filling chases for recessed conduiting, including the cost of providing & fixing 1 No. Modular type 5 pin 6 A socket outlet controlled by 6 A switch in zinc chromate passivated MS box, including the cost of running 1.5 Sqmm green colour solid copper conductor earth wire for earthing the earth pin of the socket outlet and circuit wiring with 2 x 2.5 sqmm + 1 x 1.5 sqmm 1100Volt grade PVC insulated FRLS multi-strand copper conductor wire. Complete as per specifications and as required. | Nos. | 40 | | |
| | | | | | |
| 2 | Power Points | | | | |
| | 2.1 Wiring for following. 6 pin 6/16A Power plug point control by 1 No. 16A Switch with 4.0 Sq.mm PVC insulated FRLS multi strand copper conductor 1100 Volt grade wires in recessed/surface PVC conduit including cost of providing saddles etc for surface conduiting and/or cost of cutting chases for recessed conduiting, including the cost of providing & fixing 1 No. Modular type 6 pin 16A socket outlet controlled by 1 No. 16A switch in zinc chromate passivated MS box, the cost of running 2.5Sqmm green colour solid copper conductor earth wire for earthing the earth pin of the socket etc as required. | | | | |
| | i. Power Points (for water coolers) | Nos. | 10 | | |
| | | | | | |
| 3 | Light Fixtures | | | | |
| | 3.1 Providing & fixing in false ceiling, connecting testing & commissioning of following luminaires including the cost of necessary interconnections required. i) PHILIPS LED Ceiling Lights Green LEDi | Nos. | 145 | | |

| S. No. | DESCRIPTION | UNIT | Quantity | Unit Rate (in Rs) | Amount (in Rs) |
|----------|---|------|--------------------|----------------------|-------------------|
| | 1200 DN193B 18W/135mm dia.; Lux Space Mini BS488/489 13W ; Essential LEDtube 600mm 10W865 T8 10; GreenSpace Compact DN182B 18W; GreenLED i1200 DN 193B 18W or Havells or equivalent of approved make. | | | | |
| 4 | Providing and fixing Exhaust Fans/Fans with frame and louvered shutters, including making suitable openings, making good the damage, connection, testing and commissioning all complete etc. (Make: Crompton, Usha, Havells or equivalent) as approved by the Architect. | Each | 20 | | |
| | TOTAL CARRIED OVER TO SUMMARY | | | | |
| H | PAINTING | | | | |
| 1 | Plastic Emulsion Paint (readymade) of approved brand and manufacturer and of required shade and colour complete. Two or more coats as per manufacturer's specifications. (Make: Berger/Asian/Shalimar etc.) on new works as/ directions and on new surfaces of false ceilings. | SQM | 400 | | |
| | TOTAL CARRIED OVER TO SUMMARY | | | | |
| | | | | | |
| | | | GRAND TOTAL | | |