

**Sakhar Bhavan :Proposed Interior Fitout Works at Residential unit (Dadar)**

| SR.NO | DESCRIPTION               |  | AMOUNT |
|-------|---------------------------|--|--------|
| 1     | DEMOLATION WORK           |  | 0      |
| 2     | PEST CONTROL              |  | 0      |
| 3     | CIVIL WORK                |  | 0      |
| 4     | PLUMBING WORK             |  | 0      |
| 5     | PAINTING WORK             |  | 0      |
| 6     | GYPSUM WORK               |  | 0      |
| 7     | FURNITURE WORK            |  | 0      |
| 8     | OTHER WORK                |  | 0      |
| 9     | MEP WORK                  |  | 0      |
|       | <b>TOTAL PROJECT COST</b> |  | -      |

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| BILL OF QUANTITIES - INTERIOR WORKS |   |      |              |      |          |
|-------------------------------------|---|------|--------------|------|----------|
| Sr. No.                             | DESCRIPTION OF ITEMS  | UNIT | QUANT<br>ITY | RATE | AMOUNT   |
| <b>A</b>                            |   |      |              |      |          |
| 1                                   | <b>Dismantling</b> of Partition brickwork <b>including plastering/ pointing</b> to any depth and width, at all levels or making opening on partion brickwork at all level, of any shape including <b>removal of debris</b> , disposing the same away from the site , loading and unloading, making the surface good etc. complete. Rate shall include for dismanteling of brick walls including plastering/pointing, removal of debris by manual/ mechanical means with necessary tools and plants, scaffolding, cleaning tha surface, preparation of surface. Rate shall include for stacking the serviceable materials and disposing the un serviceable materials/debris away from the site by mechanical means including loading , unloading, cleaning the site etc. complete as directed. | SQFT | 970.00       |      |          |
| 2                                   | Demolition of <b>Existing floor tiles with Screeding</b> and carting away the debris from the site and unloading at a approved location as per statutory rules and regulations.   | SQFT | 1292         |      |          |
| 3                                   | Demolition of <b>Existing Door wuth frame</b> of cabins and carting away the debris from the site and unloading at a approved location as per statutory rules and regulations.  | No   | 12.00        |      |          |
| 5                                   | Demolition of <b>Existing window</b> of cabins and carting away the debris from the site and unloading at a approved location as per statutory rules and regulations. Size in mm (750 x 600 mm)   | No   | 2            |      |          |
| 7                                   | Demolition of <b>Existing Pop ceiling</b> and carting away the debris from the site and unloading at a approved location as per statutory rules and regulations.  | SQFT | 650.00       |      |          |
| 8                                   | Demolition of <b>Existing Wall tile</b> and carting away the debris from the site and unloading at a approved location as per statutory rules and regulations.  | SQFT | 869.82       |      |          |
|                                     | <b>Total</b>  |      |              |      | <b>0</b> |

| B | Pest Control Wok  |      |      |  |  |
|---|---|------|------|--|--|
| 1 | <b>Pest Control: One plus 2 year warranty</b><br>Drilling, Filling with termiticide solutions and Sealing with white cement. Base of the masonry walls (INTERNAL): Termiticide solution chemical barrier as per I.S. Specifications would be created for the termites in the soil. To stop and prevent the movement of termites from the ground; holes are drilled and chemical emulsion injected into the holes under pressure from inside the given premises. The holes shall then be sealed by White Cement<br>Flooring Treatment: flooring application is an integral part of the anti termite treatment as the site is on the ground floor. this treatment is generally done at the slab level, but since current flooring is not removed the drilling method at a distance of 1.5-2 feet will help up percolate some amount of termiticide solution into the floor.<br>Booster Termiticide Spray of anti termite solution to the surface on the walls at brick level.<br>Booster Termiticide Spray of anti termite solution to the surface on the walls after POP.<br>Timber Treatment: Each and every piece of Ply and timber will be treated twice by petroleum based termiticide solution. First when the ply and timber arrive at the site and second when the treated ply & Timber gets converted into cabinet or boxes etc. | LS   | 1293 |  |  |
|   |   |      |      |  |  |
| C | Civil Work  |      |      |  |  |
| 1 | <b>100 mm Thick light weight block Wall :</b><br>Providing and constructing 100mm THK Wall using 100mm thk. Aerated Light Weight block of ISI company in APP 600 X 200 X 100mm shape, with 1:4 CM , including all scaffolding, staging, curing, raking of joints for all lifts etc. complete and as directed. Rate shall include providing scaffolding, all labour, and all other incidental charges etc., all complete and as directed.  | SQFT | 528  |  |  |
| 2 | <b>Plastering :</b><br>Providing and plastering 12 to 16mm thk in CM 1:3 to internal wall finished , including raking/ hacking the brick/ RCC surface, providing and fixing chicken wire mesh at junction of brick and RCC work or making grooves as directed, including scaffolding, curing etc., complete as directed. With cement mortar 1:3 (1 cement : 3 fine river sand (50 % fine : 50% coarse))   | SQFT | 878  |  |  |

|   |   |      |       |  |  |
|---|---|------|-------|--|--|
| 5 | <b>Water proofing treatment :</b><br>Providing, supplying, mixing and applying two coats of ready-to-use two-component acrylic polymer, modified cement base, flexible water-proofing slurry or approved equivalent to a thickness of 2 mm over the bottom and sides of the slab / sunken slab. Waterproofing to extend upto 600 on the preiphery walls. Cost to include checking of waterproofing for 48 hours with 300mm high water logged floor. Water proofing with 10 years warranty certificate   | SQFT | 40.00 |  |  |
| 6 | <b>Water proofing treatment on Plaster :</b><br>This shall be 15 mm. thick plaster including an under coat not exceeding 8 mm. thick. Approved water proofing compound like CICO No. 1 or other approved equivalent shall be added @ 3% by weight of cement in cement mortar or as per manufacturers specifications in both the coats. The workmanship and material shall be same as described in plaster work in general. All exposed surfaces shall be finished smooth with a coat of neat cement as directed, except areas   | SQFT | 83    |  |  |
| 7 | <b>Brick Bat coba:</b><br>The waterproofing treatment shall be essentially a cement based integral waterproofing treatment. The waterproofing treatment shall consist of providing cement slurry mixed with waterproofing compound, at desired proportions including grouting the cracks and crevices with cement slurry mixed with waterproofing compound, laying brick bats over cement mortar bedding to the required slopes for roof drainage, filling and grouting the joints with cement mortar, finishing the surface smooth/chequered with cement plaster mixed with waterproofing compound etc. as directed. | SQFT | 40    |  |  |
| 8 | <b>Kitchen counter top:</b><br>Providing and doing 600mm deep platform finish with 20mm thick approved granite with marble frame base fixed on river sand blend with cement slurry.finishing with moulding mirrior polish.Rates will be inclusive of moulding and mirrior polish (with sink below tha counter)  | RFT  | 16    |  |  |
| 8 | <b>Granite washbasin counter top:</b><br>Providing and doing 600mm deep platform finish with 20mm thick approved granite with marble frame base fixed on river sand bed with cement slurry.finishing with moulding mirrior polish.Rates will be inclusive of moulding and mirrior polish (with washbasin below tha counter)   | RFT  | 10    |  |  |
|   | Size in mm:780 x 600 x 800  |      |       |  |  |
|   | Size in mm:750 x 500 x 800  |      |       |  |  |
|   | Size in mm: 850 x 500 x 800   |      |       |  |  |

|           |   |      |      |  |          |
|-----------|---|------|------|--|----------|
| 10        | <b>Double Window Framing:</b><br>Providing and doing double window framing with inside finish with artificial marble and external with normal marble finish framing for cabin windows of approved shade and Size over a base of cement plaster 1:3 (1 cement : 3 coarse river sand)   | RFT  | 50   |  |          |
| <b>10</b> | <b>Tiling Work</b>  |      |      |  |          |
| a         | <b>Toilet Floor Tiles :</b><br>Providing and laying <b>Anti skid Ceramic Tiles</b> 600x600 mm size, of minimum thickness 8 mm of approved make colour and Model, laid to pattern as per drawing with Grooves. Grooves to made 3 mm PVC spacers of specified size and to run continuous horizontally and vertically, Grooves to be filled and finished with neat cementitious laticrete grout of matcing colour pigment, washing with soap, with all complete confirming the material testing certificate  | SQFT | 112  |  |          |
| b         | <b>Floor Tiles :</b><br>Providing and laying full vitrified <b>Ceramic Tiles</b> 800x800 mm size, of minimum thickness 8 mm of approved make colour and Model, laid to pattern as per drawing with Grooves. Grooves to made 3 mm PVC spacers of specified size and to run continuous horizontally and vertically, Grooves to be filled and finished with neat cementitious laticrete grout of matcing colour pigment, washing with soap , with all complete confirming the material testing certificate as per manufacturer specifications set in rich cement mortar 1:4 min 20mm | SQFT | 1151 |  |          |
| d         | <b>Tile Skirting:</b><br>Providing and fixing Tiles skirting of 75 mm ht approved shade including laying tiles to approved pattern with grooves. Grooves to made 3 mm PVC spacers of specified size and to run continuous vertically, Grooves to be filled and finished with neat cementitious laticrete grout of matcing colour pigment, washing with soap., with all complete confirming the material testing certificate as per manufacturer specifications.   | RFT  | 225  |  |          |
| i         | <b>Toilet Wall tiles:</b><br>Providing and fixing wall Tiles <b>Ceramic Tile 600mm X 300 mm</b> of approved shade including laying tiles to approved pattern with grooves. Grooves to made 3 mm PVC spacers of specified size and to run continuous horizontally and vertically, Grooves to be filled and finished with neat cementitious laticrete grout of matcing colour pigment, washing with soap., with all complete confirming the material testing certificate as per manufacturer specifications.<br>(Basic Rate of tiles shall be Rs. 800 per Sqm excluding GST)        | SQFT | 464  |  |          |
|           | <b>Total</b>  |      |      |  | <b>0</b> |

| D | Plumbing Work   |     |    |  |  |
|---|---|-----|----|--|--|
| 1 | <b>Plumbing, Water Supply, Drainage and Sanitary Fittings:</b><br>Providing & fixing of CPVC pipes including all CPVC fittings like tees, elbows, bends, unions, coupling, reducer tees, collars etc. The work shall include cutting jointing with solvent cement pressure testing the joints / pipeline for 10 kg/sq.cm hydraulic pressure, for 2 hours etc. making holes, including chasing in solid block masonry walls with groove cutting machine to required width and depth, making bores in walls, clearing the debris, grouting of concealed pipes, MS hooks for fixing pipes and making good the walls and floors complete as required. |     |    |  |  |
|   | 20 mm Dia (inlet)   | RFT | 56 |  |  |
|   | 30 mm Dia (inlet)   | RFT | 0  |  |  |
| 2 | Providing, fixing, jointing, testing and commissioning PVC soil, waste  |     |    |  |  |
|   | 100 mm Dia (outlet)   | RFT | 40 |  |  |
|   | 150 mm Dia (Outlet)   | RFT | 16 |  |  |
| 4 | Providing, fixing, testing and commissioning of EWC wall mounted type White Vitreous Chinaware Water Closet with ('P' / 'S' Trap), complete with flush valve, CP bolts, white seat cover, CP Elbow, CP wall flange, angular stop cocks with flange (for health faucet), health faucet with necessary CP flexible hose 750mm long nozzle, C I brackets.<br>Model No:- Hindware Product No. 92566 element plus white matte  | Nos | 4  |  |  |
|   | Providing, fixing, testing and commissioning of sink on kitchen platform, one no 15mm dia CP angle stop cock with wall flange , 32 mm dia CP waste coupling, 32 mm dia CP brass bottle trap.<br>Model No: Hindware sink   | NOS | 2  |  |  |
| 5 | Providing, fixing, testing and commissioning of below the counter wash basin installed on existing counter with MS brackets, one no 15mm dia CP angle stop cock with wall flange , 32 mm dia CP waste coupling, 32 mm dia CP brass bottle trap.<br>Model No: Hindware Zen Catalaug No. 10049  | Nos | 4  |  |  |
| 6 | Providing and fixing pillar cock of approved make and model<br>Model No: Jaquar Fonte Series  | Nos | 6  |  |  |
| 7 | Providing and fixing SS nahni trap with cover of approved make and model<br>Size Of Nahni Trap : 150 x 150 mm<br>Model : Chilly   | Nos | 12 |  |  |
| 8 | Providing and fixing 2 way bib cock with jet spray of approved make and model<br>Model:Jaquar Fonte Series  | Nos | 4  |  |  |
| 9 | Providing and fixing geyser<br>Model: HINDWARE ATLANTIC CONVENIO<br>(3 L, 3 kW Instant Water Heater)  | Nos | 4  |  |  |

|          |   |      |      |  |          |
|----------|---|------|------|--|----------|
| 11       | Providing and fixing soap dispenser approved make and model<br>Model: Euronics ES 18  | Nos  | 4    |  |          |
| 12       | Providing and fixing Toilet Paper roll of approved make and model<br>Model: SS jumbo rolle tissue paper Dispenser   | Nos  | 4    |  |          |
| 13       | Providing and fixing Shower with shower head of approved make and model<br>Model : Jaquar Maze overhead Shower  | Nos  | 4    |  |          |
|          | Providing and fixing towel rod<br>Model: Kohler complementry K-5630IN-CP  | Nos  | 4    |  |          |
| 14       | Providing and fixing 4 way diveter and spout of approved make and model<br>Model : Jaquar Essco Series  | Nos  | 4    |  |          |
|          | <b>Total</b>  |      |      |  | <b>0</b> |
|          |   |      |      |  |          |
| <b>E</b> | <b>Painting Work</b>  |      |      |  |          |
| 1        | <b>Wall Painting :</b><br>Providing and applying 3 coats of Luster Paint of approved make (Asian Paints)on walls wherever advised after primer Coat of given approved of shade and Given gradients. The surface shall be thoroughly cleaned and prepared by river sand papering and applying putty to achieve smooth and truly levelled surface. Required number of coats and type of primer as prescribed by manufacture shall be applied before the application of finishing coat as recommended by manufacturers' specifications.              | SQFT | 3051 |  |          |
| 3        | <b>Ceiling Painting :</b><br>Providing and applying 3 coats of Plastic Emulsion Paint of approved make (Asian Paints)on walls wherever advised after promer coat of given approved of shade and given gradients. The surface shall be thoroughly cleaned and prepared by river sand papering and applying putty to achieve smooth and truly levelled surface. Required number of coats and type of primer as prescribed by manufacture shall be applied before the application of finishing coat as recommended by manufacturers' specifications. | SQFT | 1263 |  |          |
|          | <b>Total</b>  |      |      |  | <b>0</b> |
|          |   |      |      |  |          |
| <b>F</b> | <b>Gypsum Work</b>  |      |      |  |          |

|   |  |      |     |  |          |
|---|--|------|-----|--|----------|
| 1 | <b>Gypsum Ceiling:</b><br>Gypsum False Ceiling :Providing and fixing suspended false ceiling, which includes providing and fixing GI perimeter channels of size 0.55mm thick having one flange of 20mm and another flange of 30mm and a web of 27mm along with perimeter of ceiling, screw fixed to brick wall/partition with the help of nylon sleeves and screws, at 610mm centers.The suspending GI intermediate channels of size 45mm 0.9mm thick with two flanges of 15mm each from the soffit at 1220mm centers with ceiling angle of width 25mm x10mmx 0.55mm thick fixed to soffit with GI cleat and steel expansion fasteners. Ceiling section of 0.55mm thickness having knurled web of 51.5mm and two flanges of 26mm each with lips of 10.5mm are then fixed to the intermediate channel with the help of connecting clips and in direction perpendicular to the intermediate channel at 457mm centers.12 mm tapered edge MR Ply is then screw fixed to ceiling section with 25mm drywall screws at 230mm centers. Screw fixing is done mechanically either Finally the Gypsum boards are to be jointed and finished so as to have a flush look which includes filling as finishing the tapered and square edges of the boards with jointing compound, paper tape etc. complete including the cost to include making opening forAC grills, light fittings, trap door, making light coves etc. GI channel to be of Diamond frames make with India Gypsum 12mm th. Gyp board | SQFT | 650 |  |          |
| 2 | <b>Gypsum Punning :</b><br>Providing and doing gypsum punning on wall ( average 10-12mm) to make surface smooth and levelled with corner gaurd. The job shall include hacking the existing surface for proper bond. The job shall also include making groove as per drawing. Gyp plaster on brick wall and rcc surface of required thickness to get proper right angle, plumb, line and level . The job shall include wire mesh on joints of RCC & brick wall, making groove as per drawing . Punning will be included prepartion of the surface   | SQFT | 800 |  |          |
| 3 | <b>Ligh Gala Cutting</b>   | Nos  | 45  |  |          |
|   | <b>Total</b>   |      |     |  | <b>0</b> |

|          |   |      |     |  |          |
|----------|---|------|-----|--|----------|
|          |   |      |     |  |          |
| <b>G</b> | <b>Furniture Work</b>   |      |     |  |          |
| 1        | <b>Flush Door with wooden framing (type-1):</b> As per Approved laminate Providing and installing Single leaf solid core shutter made from 35-40mm thick block board. The external surfaces of the shutter to be finished in 1mm thick laminate on both side. Work to be completed with necessary hinges, Lock, Handle, door closer/Floor Spring,Single leaf one side openable door, laminate finish (Toilet main doors will not have lock)<br>Toilet Flush Doors will have louvers of size 600 x 200 mm. Toilet Lobby door | Nos  | 4   |  |          |
| 2        | <b>Flush door with wooden Framing (type-2):</b> As per approved laminate Providing and fixing Flush Door (With Or without Louvers and vision Panels) (detail will be same as all flush door ) with teak wood frame and shutter And frame will be water cut paint finish.<br>Size in mm: 940 x 2100 (2 No.s)<br>Size in mm: 800 x 2100 (1No.s)<br>Size in mm: 900 x 2100 (6 nos)   | Nos  | 8   |  |          |
| 3        | Kitchen cabinets 19 mm plywood with laminate finish (with hettich hardware)   | SQFT | 40  |  |          |
| 4        | kitchen wall units with 19 mm plywood finish with laminate (hettich hardware)   | SQFT | 32  |  |          |
| 5        | kitchen ss baskets  | Nos  | 8   |  |          |
|          | <b>Total</b>  |      |     |  | <b>0</b> |
| <b>H</b> | <b>Other Work</b>   |      |     |  |          |
| 10       | <b>Toilet Dustbin With Laid</b><br>Size : (Dia 250mm)   | Nos  | 4   |  |          |
| 15       | <b>Mirror :</b><br>Providing and fixing 6mm thk <b>Mirror</b> with stainless steel edge framing, the edges of the mirror to be mirror polished and fixed with silicon on 12mm thk. Ply with teakwood edging . The Material to be approved by Architect/engineer.  | NOS  | 4   |  |          |
| 1        | Cello Bubble Guard Floor Protector Sheet  | SQFT | 123 |  |          |
|          | <b>TOTAL</b>  |      |     |  | <b>0</b> |
| <b>A</b> | <b>Electrical Work</b>  |      |     |  |          |
| 1        | <b>DISTRIBUTION BOARD</b>   |      |     |  |          |
|          |   |      |     |  |          |
|          | <b>POWER DISTRIBUTION BOARD (PLDB)</b>  | No's | 2   |  |          |
|          | <b>12 Way TPN DB with Metal Door (Legrand Ekinox 507673 12 Way TPN Distribution Board )</b>   |      |     |  |          |
|          | Incomer : 1No. 63A,TPN,25 KA MCB.   |      |     |  |          |
|          | 3 No. 40A, DP ,100 mA RCCB  |      |     |  |          |
|          | Out going : 06 Nos. 25A SP MCB of 'C' curve.  |      |     |  |          |
|          | 12 Nos. 16 A SP MCB of 'C' curve.   |      |     |  |          |
|          | 12 Nos. 10 A SP MCB of 'C' curve.   |      |     |  |          |
|          |   |      |     |  |          |
| 2        | <b>L.T. CABLES</b>  |      |     |  |          |



|     |  |     |     |  |  |
|-----|--|-----|-----|--|--|
|     | Supply, and laying of Power cables 1100 V Grade, Copper or Aluminium Conductors-multi-strand construction, of only approved make: Laying rates to include for all required Cable Clamps, Cable Identification Tags at required intervals, & other items like cable ferrules / cable-tags at each end of the cables laid. For the same Cross Sectional area of Cables, laying rates shall be the same whether it is Copper or Aluminium conductor cables, or whether it is XLPE or PVC insulation. Similarly, laying rates shall be the same for Armoured & Un-armoured Cables of the same Cross section. Cable trays will be measured separately.<br>IS No 7098, Part 1- XLPE Cables<br>IS No 1554, Part 1, 1988- PVC Cables,<br>IS 694: 1990 SINGLE CORE COPPER CABLES.   |     |     |  |  |
|     | <b>4 core XLPE insulated, Al. conductor Armored cables.</b>  |     |     |  |  |
| 2.1 | 4 c/ 16 sq.mm. Al. Armoured (Main panel to Main DB)  | Mtr | 20  |  |  |
|     |  |     |     |  |  |
| 2.2 | 4 c/ 4 sq.mm. copper flexible cable  | Mtr | 80  |  |  |
|     |  |     |     |  |  |
| 3   | <b>GI EARTHING CONDUCTOR</b>   |     |     |  |  |
|     | Supply laying and termination of the following sizes of earth flats and wires laid / on Cable trays/ drawn through pipe sleeves along with column/ walls for safety earthing as per specifications. All joints in the runs of the conductor shall be welded. All weld joints shall be protected with bitumen paint. The equipment tape connections shall be bolted using galvanized hardware.  |     |     |  |  |
|     | 8 SWG GI wire  | Mtr | 40  |  |  |
|     |  |     |     |  |  |
| 4   | <b>CIRCUIT MAINS</b>   |     |     |  |  |
|     | Wiring of Submains / circuit mains shall be concealed or surface conduit system in MS conduits with 1100 V grade FRLS copper multistrand flexible wires for Phase, neutral & earth complete. Rates quoted shall include supply of conduits, wires & other conduiting accessories. Circuit mains shall be measured from respective DB to the nearest control switch & for looping from switch / socket to another switch / socket board. Colour coding shall be used for conduits to differentiate lighting, RP, lighting circuits & point wiring. All circuit terminations shall be provided with solder less crimping type copper sockets / lugs & ferrules indicating source code on load side & load code on source side. There shall not be any joints in the circuits, only looping is allowed in terminal blocks & in switches / socket outlets. |     |     |  |  |
|     |  |     |     |  |  |
|     |  |     |     |  |  |
| 4.1 | 1 runs of 2.5 sq.mm copper 3 core wire in Celing Raceways / 20 mm dia PVC Presision make conduit for lighting circuit main. The Race Ways / Conduit shall be measured seprately.   | Mtr | 268 |  |  |
|     |  |     |     |  |  |
| 4.2 | 3 runs of 1.5 sq.mm copper single core wire in Celing Raceways / 20 mm dia PVC Presision make conduit for lighting circuit main. The Race Ways / Conduit shall be measured seprately.  |     |     |  |  |
|     |  |     |     |  |  |
|     |  |     |     |  |  |
| 5   | <b>Tray</b>  |     |     |  |  |

|     |  |      |     |  |  |
|-----|--|------|-----|--|--|
|     | Supply, Installation of prefabricated hot deep galvanised ( 460 gms per sq. met.), ladder type cable trays of minimum 2.5 mm thick as per details given in Drawing. Prefabricated, bends and couplers with G.I. Nuts and bolts. Gas cutting of cable trays at site is not permitted. If any welding is to be done on cable trays, the welded part shall be touched up with anti-corrosive primer and silver paint. The running rate shall include bends and couplers. Cable tray supports shall be paid extra.   |      |     |  |  |
|     | 150 x 25 mm wide cable tray perforated type  | Mtr  |     |  |  |
|     |  |      |     |  |  |
| 6   | <b>Conduit</b>   |      |     |  |  |
|     | <b>Supply &amp; Installation</b> of PVC heavy duty conduit with all conduit accessories like pull wire, couplings, smooth bends, junction boxes etc. for concealed wiring or surface wiring. This including junction , couplings and screw.  |      |     |  |  |
|     | 20 MMm conduit   | Mtr  | 440 |  |  |
|     |  |      |     |  |  |
| 7   | <b>PVC Trunking</b>  |      |     |  |  |
|     | PVC Trunking (casing capping) ISI mark, 1.2 mm thick, 100 mm width and above depending on No. of wires to be drawn; with double locking arrangement, 1.8mm thick push-fit joints/ accessories for PVC trunking such as couplers, elbows, internal / external angles, junction boxes of required ways of the same make.   |      |     |  |  |
|     | Cassing patti - 100 x 100 MM   | Mtr  | 0   |  |  |
|     |  |      |     |  |  |
|     |  |      |     |  |  |
| 8   | <b>LIGHTING FIXTURE</b>  |      |     |  |  |
|     | Light fixtures with electronic balast complete with accessories like contl gear box low loss (<5W) ballast, HPF condensor ( PF shall be >0.85), energy efficient high lumen output FTL / CFL lamps, transformers etc., . Rate shall include necessary mounting bracket & lamps.  |      |     |  |  |
|     |  |      |     |  |  |
| 8.1 | Light fitting - Philips make - GreenPerform Sleek DN296B LED15S-4000 PSU WH  | No's | 48  |  |  |
|     |  |      |     |  |  |
| 8.2 | Light fitting - Philips make - Garnet 9W COB Spotlight / Wipro   | No's | 10  |  |  |
|     |  |      |     |  |  |
| 9   | <b>POINT WIRING</b>  |      |     |  |  |
|     | Wiring of Light points, 6A socket outlets shall be of 25 mm dia PVC Pipe with accessories and with 3 runs of 2.5 sq.mm FRLS insulated copper wire with modular type switches with metal/PVC boxes, cover plates and accessories. The point wiring shall be terminated in a terminal block inside the junction box. The looping shall be done only at terminal blocks provided in the light fixtures or separate terminal blocks. All switches including front plate & frame which will be mounted on the metal boxes shall have removable film coat to protect from scratches & paint during installation. |      |     |  |  |
|     |  |      |     |  |  |
| 9.1 | One (1) light points controlled by a 10 A switch.  | No's | 42  |  |  |
|     |  |      |     |  |  |

|      |   |      |    |  |          |
|------|---|------|----|--|----------|
| 9.1  | Two (2) light points controlled by a 10 A switch.   | No's | 20 |  |          |
|      |   |      |    |  |          |
| 9.2  | Three (3) light points controlled by a 10 A switch.   | No's |    |  |          |
|      |   |      |    |  |          |
| 9.3  | Four - Six (4 to 6 ) light points controlled by a 10 A switch./MCB  | No's |    |  |          |
|      |   |      |    |  |          |
|      |   |      |    |  |          |
| 10   | <b>SOCKET OUTLETS</b>   |      |    |  |          |
|      | The quoted rate for power sockets outlets shall include : Socket outlets - round / round cum flat / flat multi pin, switches, 14SWG metal boxes with knockout on all sides, front plate of required colours with accessories. The front plate edges to be curved. All switch / sockets shall be provided with printed labels / stickers indicating source code. |      |    |  |          |
|      | Colour code for Lighting /Rawpower /HVAC socket plates : As per requirement   |      |    |  |          |
|      | All switch / sockets including front plate & frame which shall be mounted on the metal boxes and same shall have removable film coat to protect from scratches & paint during installation.   |      |    |  |          |
|      |   |      |    |  |          |
| 10.1 | 2 No's 6 A, round pin colored socket outlet controlled by a 16 amps switch for workstaion monitor and charger and bellow the workstaion additional socket for CPU this socket controlled 6 amps switch. (Universal Socket )   | No's | 22 |  |          |
| 10.2 | 1 No. 6/16A, round pin colored socket outlet controlled by a 16A SP switch on a common switch plate.  | No's | 10 |  |          |
| 10.3 | 1 No. 6 A, round pin colored socket outlet controlled by a 6A SP switch on a common switch plate.   | No's |    |  |          |
|      |   |      |    |  |          |
|      |   |      |    |  |          |
|      | <b>TOTAL</b>  |      |    |  | <b>0</b> |