

| <b>SUMMARY TOTAL BOQ OF INTERIOR AND RENOVATION WORK TO BE<br/>DONE AT BOB BRANCH VASUNDHARA ENCLAVE DELHI.</b> |                              |  |
|---|------------------------------|--|
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| <b>1</b>  | <b>FURNISHING WORK</b>       |  |
|   |                              |  |
| <b>2</b>  | <b>ELECTRICAL</b>            |  |
|   |                              |  |
| <b>3</b>  | <b>AIR CONDITIONING WORK</b> |  |
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|   |                              |  |
|   | <b>GRAND TOTAL</b>           |  |
|   |                              |  |
|   |                              |  |

**The total cost is excluding GST.**

| <b>BOQ OF FURNISHING AND RENOVATION WORK AT BOB BRANCH VASUNDHARA ENCLAVE.</b> |  |                 |             |             |               |
|--|--|-----------------|-------------|-------------|---------------|
| <b>S. No.</b>  | <b>DESCRIPTION OF ITEM</b>   | <b>QUANTITY</b> | <b>UNIT</b> | <b>RATE</b> | <b>AMOUNT</b> |
| 1  | Supply and installation of cash counters as per detail drawing in 19mm thk Bwr ply, finished with 1mm thick Laminate of approved make top & front faces up 4'-0"ht. complete in all respect handles 4"high skirting and polishing to exposed surface.Teak including drawers, locks and lipping to be provided at every exposed section of board & ply Sliding channels for key board & drawers to be provided at top 3'-0" ht.front 12 mm thk glass erected with border etching fixed with Teak pillars at end including cutting of window for transaction/ between the customer and Cashier or officer. Including stool for Cash machine. (Refer Architectural Drg.)  | 2.60            | R Mt        |             |               |
| 2  | Supply & installation of partition wall in cash cabin counter made of 2 MM thick Aluminium tube frame The sections are placed @ 600 x 600 MM C/C both ways and additionally at openings or ends as required. Sections are joined by Aluminium angle cleats and the frame is fixed to wall, floor with suitable aluminium angles and fastened with steel screws.Frame size 50 x 50 MM with 9 MM thick BWR Ply finished with 1mm thick Laminate up to 4'-0" ht & then 2'-0"/2'-6" ht 12mm thick glass on top of partition wall fixed with Teak pillars at end.The rates include the doors in between the partition including hardware items like door closures, godrej sylindrical locks etc.complete in all respect. (Refer Architectural drg)  | 13.39           | Sq Mt       |             |               |
| 3  | Providing and applying three coats of pre-approved Plastic acrylic emulsion paint to walls, partitions etc. including surface preparation with two coats of putty, primer and sanding all complete. With the necessary drying periods for each coat. The final finish should be of a uniform and neat finish to the satisfaction of the Architect. Cost to include for all heights and surfaces , complete in all respect (Low VOC contain paint) Make: ICI DULUX ,Asian Paints.   | 310.00          | SQ MT       |             |               |
| 3a   | Providing and applying plaster of paris (super fine quality) punning with minimum thickness of 6mm and finish the surface smooth in line and also making groove, level to the entire satisfaction of Architect including scraping and hacking the existing finished surfaces, scaffolding etc. complete in all respect   | 45.00           | Sq Mts      |             |               |
| 3b   | Painting two coats of enamel paint (Asian/BERGER ) including scrubbing, sand paper, making base applying primer etc complete in all respect in , grills etc.complete in all respect  | 70.00           | Sq Mts      |             |               |
|  | <b>False Ceiling:-</b> (Measurement shall be taken of the plan area only)<br>Suspending system and frame work shall match to compliment the layout of A.C. Ducts / grills, electrical / fire protection wiring / fixtures, Return /supply Air grills etc. Rate to include provision of extra frame work needed due to layout referred above and fixtures etc. Rates to include necessary scaffolding.  |                 |             |             |               |
| 4  | <b>Gypsum Board False ceiling :-</b> Providing & fixing Gypsum Board False ceiling with Saint Gobain "ULTRA" Main ceiling sections at 1200 c/c & Cross members at 450 c/c. The grid work to be suspended from ceiling with Hangers at every 1200 c/c both directions, as per manufacturer's specifications. False ceiling is finished with 12.5 mm thk. to be screwed to the frame. The board is finished with filling the tapered edges of the board with jointing compound and finishing with PAPER tape of INDIA GYPSUM. The ceiling is finished with acrylic Emulsion Paint including base as per approved manufacturer. The item includes all necessary cut outs for electrical / air conditioning grills and necessary frame work for them. Item includes Coves, curves, drops etc. (Only Plan area is considered for area calculations) | 135.00          | SQ MT       |             |               |

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|---|--|-------|--------|--|--|
| 5 | <p><b>ARMSTRONG CEILING</b> :- Providing &amp; Fixing of Armstrong Mineral Fibre Suspended Ceiling System with <b>Dune RH 99</b> (Bevelled Tegular) Edge Tiles with Armstrong 15mm exposed GRID. Size-600x600x16 mm. The tiles should have Humidity Resistance (RH) of 99%, NRC 0.5, Light Reflectance 83%, Thermal Conductivity k = 0.052 - 0.057 w/m K, Colour White, Fire Performance UK Class 0/Class 1 (BS 476 Part 6 &amp; 7), in module size of 600x600 x 16mm with Anti Microbial coating on the face of the tile, suitable for Green Building application, with Recycled content of 39%.</p> <p>The tile shall be laid on Armstrong Suprafine XL 38 with 15MM wide T - section flanges colour white having rotary stitching on all T sections i.e. the Main Runner &amp; 1200 mm Cross Tees with a web height of 38mm and a load carrying capacity of 14Kgs/M2 &amp; minimum pull out strength of 100Kgs. . The T Sections have a Galvanizing of 90 grams per M2 and need to be installed with Suspension system of Armstrong make. <b>INSTALLATION:</b> To comprise main runner spaced at 1200mm centres securely fixed to the structural soffit using Armstrong suspension system (specifications below) at 1200mm maximum centre. The First/Last Armstrong suspension system at the end of each main runner should not be greater than 450mm from the adjacent wall.</p> |       |        |  |  |
|   | <p>Flush fitting 1200mm long cross tees to be interlocked between main runners at 600mm centre to form 1200 x 600 mm module. Cut cross tees longer than 600mm require independent support. 600x600mm module to be formed by fitting 600mm long flush fitting cross tees centrally between the 1200mm cross tees. Perimeter trim to be Armstrong wall angles of size 3000x19x19mm, secured to walls at 450 mm maximum centres. Installation to be carried out by Armstrong Trained Installation team &amp; Installation should be carried out as per Armstrong recommended procedure.</p> <p><b>ARMSTRONG SUSPENSION SYSTEM</b> accessories manufactured and supplied by Armstrong World Industries consisting of M6 Anchor Fasteners with Vertical Hangers made of Galvanised steel of size 26 x 26 x 25 x 1.2mm with a Galvanised Thickness of 80gsm, A pre tightened Hanger wire of dia – 2.5 mm of 1.8 m length., thickness of 80gsm and a tensile strength of 344-413 MPa, along with Adjustable hook clips of 0.8mm thick, galvanised spring steel for 2.68 mm with a minimum pull strength of 110 kg. The adjustable clip also consists of a 3.5 mm aquiline wire to be used with the main runner.</p>   |       |        |  |  |
|   | <p><b>ARMSTRONG "DUNE RH 99</b> (Bevelled Tegular) EDGE TILES WITH ARMSTRONG 15mm Exposed" SYSTEM</p>  | 75.00 | Sq Mts |  |  |
| 6 | <b>FULL HEIGHT WOODEN GLAZED PARTITION</b>   |       |        |  |  |

|           |  |       |        |  |  |
|-----------|--|-------|--------|--|--|
|           | Providing and Fixing of full height wooden glazed partition made of 2 MM thick Aluminium tube frame The sections are placed @ 600 x 600 MM C/C both ways and additionally at openings or ends as required. Sections are joined by Aluminium angle cleats and the frame is fixed to wall, floor & ceiling with suitable aluminium angles and fastened with steel screws. Frame size 50 x 50 MM with 9 MM thick BWR Ply with 1mm thk. Laminate in approved colour, design, shape and size, & 12mm thick toughened glass panel fixed upto 8'-0"ht. including all exposed surface with teak lipping 6mm thk as required and instructed by Architect and teak wood door frame in between the partition. including Anti Termite Treatment. Complete in all respect and satisfaction of Architect/Engg. | 10.87 | Sq Mts |  |  |
| <b>7</b>  | <b>FULL HEIGHT GLASS PARTITION</b>   |       |        |  |  |
|           | Providing & fixing 12mm toughened fixed glass partition upto the false ceiling height. The glass fixed with S.S channel inserted in floor and fixed to wooden member in the false ceiling. The size of glass to be bigger in width. The edges of glass to be polished and if joints are needed the joints to be filled with matching silicon complete.   | 11.50 | Sq.mt  |  |  |
| <b>8</b>  | <b>FULL HEIGHT SOILD PARTITION</b>   |       |        |  |  |
|           | Providing and Fixing of full height wooden partition made of 2 MM thick Aluminium tube frame The sections are placed @ 600 x 600 MM C/C both ways and additionally at openings or ends as required. Sections are joined by Aluminium angle cleats and the frame is fixed to wall, floor & ceiling with suitable aluminium angles and fastened with steel screws. Frame size 50 x 50 MM with 9 MM thick BWR Ply with 1mm thk. Laminate in approved colour, design, shape and size, including all exposed surface with teak lipping 6mm thk as required and instructed by Architect and teak wood door frame in between the partition. including Anti Termite Treatment. Complete in all respect and satisfaction of Architect/Engg.   | 35.24 | Sq Mts |  |  |
| <b>9</b>  | <b>LOW HEIGHT PARTITION</b>  |       |        |  |  |
|           | Providing and Fixing of low height wooden partition (up to 4'-0" height) made of 2 MM thick Aluminium tube frame The sections are placed @ 600 x 600 MM C/C both ways and additionally at openings or ends as required. Sections are joined by Aluminium angle cleats and the frame is fixed to wall, floor with suitable aluminium angles and fastened with steel screws. Frame size 50 x 50 MM with 9 MM thick BWR Ply finished with 1mm thk Laminate as per approved colour, design, shape and size, including on top Teak wood lipping 6mm thk as required to be provided at every exposed section of ply including Anti Termite Treatment complete in all respect and satisfaction, instructed by Architect/Engg. (Wicket door Included complete in all respect)                            | 24.97 | Sq Mts |  |  |
| <b>10</b> | Providing & fixing TEAK wood Moulding fixed on partition /Panelling as per details and design Complete with all Deco pain including rubbing polishing etc. to the satisfaction of Architect/ Engg.   |       |        |  |  |
| <b>i</b>  | 100x12mm TEAK wood Moulding with round edges   | 55.00 | R/mt   |  |  |
| <b>11</b> | <b>DOORS</b>   |       |        |  |  |
| <b>a</b>  | Providing and fixing frame less patch fitting Single door with 12mm thick toughened (As per approved design & name/logo) with frame less glass fittings & two way floor springs (DORSET, OZONE or equivalent make). The item includes providing and fixing S.S. handle 450 mm long on both side of glass, locks and fittings as per the manufacturer's specifications. complete to the satisfaction of Architect/ Bank's Engg  | 6.90  | Sq.mt  |  |  |

|           |   |       |         |  |  |
|-----------|---|-------|---------|--|--|
| <b>b</b>  | Providing and fixing 35 mm Flush doors with 1.0 mm thk. laminate on both sides as per design. Edges of door to have 6mm thick Teakwood lipping. The item includes Providing and fixing chaukhats made from 75mm x 40mm TEAK wood members. Item includes all following items / finishes: hardware such as 4 nos. 125mm SS hinges, SS tower bolts, Door Closer, Mortise Locks with SS handles (Hettich, Dorset, Godrej). Item includes polishing all wooden surfaces with Deco paint Rubbing polishing etc including preparing base. Size of Door: 1000 x2400mm including Chaukhats.  | 11.40 | Sq.mt   |  |  |
| <b>12</b> | <b>SOFT BOARD</b>   |       |         |  |  |
|           | Providing and fixing of soft board with cloth (approved by Architect) on low ht partition/wall , including fixing, hardware/adhesives complete in all respect.(Basic rate of cloth to be Rs 200/Sq.mt)  | 2.00  | Sq.mt   |  |  |
| <b>13</b> | Providing and Fixing of wooden Panelling of wall on hall and column made of 2 MM thick Aluminium tube frame The sections are placed @ 600 x 600 MM C/C both ways and additionally at openings or ends as required. Sections are joined by Aluminium angle cleats and the frame is fixed to wall, floor & ceiling with suitable aluminium angles and fastened with steel screws. Frame size 25 x 50 MM with 9 MM thick BWR Ply with 1mm thk. Laminate in approved colour, design, shape and size, including Anti Termite Treatment. Complete in all respect and satisfaction of Architect/Engg.  | 75.00 | Sq.Mts. |  |  |
| <b>14</b> | Providing and fixing wooden panelling with 6mm play and 1mm laminate on existing panelling/ partition and including miscellaneous hardware as required..Complete in all respect .   | 30.0  | Sq.mt.  |  |  |
| <b>15</b> | Supply and installation of boxing of rolling shutter and panelling with 4mm ACP Sheet consisting of 3mm tk FR grade mineral core Sandwiched between two aluminium sheets (.5mm thick) with 25 x 25 mm aluminium tube at spacing 600 x 600 of approved make.   | 15.0  | Sq.mt.  |  |  |
| <b>16</b> | Providing and Fixing of wooden Panelling of wall on hall and column made of 2 MM thick Aluminium tube frame The sections are placed @ 600 x 600 MM C/C both ways and additionally at openings or ends as required. Sections are joined by Aluminium angle cleats and the frame is fixed to wall, floor & ceiling with suitable aluminium angles and fastened with steel screws. Frame size 25 x 50 MM with 9 MM thick BWR Ply with 4mm thk. veneer in approved colour, design, shape and size, including Anti Termite Treatment. Complete in all respect and satisfaction of Architect/Engg..( Base Rate of veneer to be 150/Sft)The veneer to be finished with PU polish complete with base as required. | 25.0  | Sq.mt.  |  |  |
| <b>17</b> | Providing and fixing 6mm thk acrylic solid surface thermoformed and (corian, LG, Merino) for table top and corners. All Acrylic Solid Surface thermoformed surfaces to be buffered as per design and specification  | 20.0  | Sq.mt.  |  |  |
|           | <b>Storage</b>  |       |         |  |  |
| <b>18</b> | Providing and fixing Storage cabinet 380 mm deep and 750/1200 mm high length as per design as shown in details with top all sides, shelves to be 18-19 mm thk. BWR ply with 6mm BWR ply to be fixed at the back finished with 0.8mm laminate. The shutters/sides/top to be 18-19mm BWR ply, finished with 1mm thk laminate. All internal surfaces to be finished with white Paint. All edges of sides, shelves and shutters to have 2mm PVC Edge binding tape as per details, complete including S.S. long handles, self closing hinges, locks, etc. complete to the satisfaction of Architect /Bank's Engg. (Only front elevation to be considered for area calculation)                                 | 16.90 | Sq Mts  |  |  |

|     |   |      |         |  |  |
|-----|---|------|---------|--|--|
| 18a | Providing and fixing storage cabinet (below platform) in pantry The Front frame and shutters including partition to be 18-19mm BWR ply finished with 1.0 mm thk laminate. All edges of shutters to have 2mm PVC Edge binding tape as per details, complete including S.S. long handles, self closing hinges, locks, etc. complete to the satisfaction of Architect /Bank's Engg. Only front elevation to be considered for area calculation.All internal surfaces to be finished with white paint   | 1.90 | Sq Mts  |  |  |
| 19  | <b>ROLLER BLIND</b> :-Providing & fixing roller blinds comprising of polymer coated fibre fabric with minimum openness factor of 3% as per AS standards. The fabric shall be fire retardant and have high heat reflection ratios. The roller mechanism shall be a moulded unit made from engineering grade plastic polymer with steel spring support. The fabric shall be finished on the sides with edge tape duly welded for waviness control. The fabric shall be attached to the roller tube with high quality self adhesive tape. Average width of blinds shall be 2000mm and fall of 3000mm with manual operation.  |      |         |  |  |
|     | <b>Headrail:</b> shall be .812" high x 2" deep extruded aluminum headrail with a wall thickness of 0.045" and painted to coordinate with fabric color.  |      |         |  |  |
|     | <b>Cord lock:</b> shall be a snap-in design of injection-molded thermoplastic incorporating a metal, free-floating, serrated cord-locking roller.   |      |         |  |  |
|     | <b>Lift cord:</b> shall be 1.2mm polyester and concealed for a clean appearance. A snap tassel and joiner ball connect to a single Danskord for raising and lowering the shade. Cord, tassel and joiner ball are color coordinated with fabric.   |      |         |  |  |
|     | <b>Installation:</b> Bracket shall be low profile, hidden snap-in design made of 0.025" zinc-plated spring steel.   |      |         |  |  |
|     | <b>Bottomrail:</b> shall be 0.375" high x 2" deep extruded aluminum with a wall thickness of 0.045" and painted to coordinate with fabric color.  |      |         |  |  |
|     | Fabrication Shades shall be fabricated according to specifications and accurate to tolerance established by SWF engineering standards   |      |         |  |  |
|     | Basic Cost: Rs 1000 per sm  |      |         |  |  |
|     | Make: Hunter douglas/ Roselle/winfab/vista .  | 4.30 | Sq.Mts. |  |  |
| 20  | <b>Manager table</b> to have 18-19 BWR Ply , finished with 1mm thk Laminate all edges of table and front or side. All internal surface of table to be finished with white paint..Drawer unit to be made from only FASCIA 19mm BWR ply but the inner drawers made from 12mm Bwr Ply.and 19mm BWR ply FASCIA finished with 1mm thk Laminate .The drawers to run on telescopic drawer channels (Hettich, Kaff, ozone). Drawer units to have two smaller and one bigger drawers.and locking arrangement (Godrej/ Hettich/ Dorset). Including Teak lipping 6mm thk as required to be provided at every section of ply.Footrest of 75x50mm 2nd class teakwood member to be fixed for each table with Deco paint on expoed teak wood surface /lipping, the rate to include all hardware such as drawer channels, S.S handles, single lock for three drawers etc. The item also includes a key-board tray running on telescopic channel, made from 19mm BWR Ply finished with 0.8mm laminate on top and teakwood round moulding in front (size of key board 560x450) readymade CPU trolley with castors etc <b>The table size is taken to be 1800mm wide x 900mm depth x750mm height.(As per drawing)</b> | 1.00 | Nos     |  |  |

|    |  |       |     |  |  |
|----|--|-------|-----|--|--|
| 21 | Providing and fixing <b>Side Credenza/ table</b> made from 19mm BWR Ply for sides, shelves, top and shutters. The table exposed areas front,top and sides to be finished in 1mm thk Laminate All internal surface of table to be finished with white paint, all edges of table Incuding Teak lipping 6mm thk as required to be provided at every section of ply.complete with base as required. Item includes all hardware such as Self closing hinges, SS handles, Locks etc. complete. Rest of specifications to be same as for main furniture. <b>size of side table 900 x380 x 675.</b>  | 3.00  | Nos |  |  |
| 22 | <b>Officer table</b> to have 18-19 BWR Ply , finished with 1mm thk Laminate all edges of table and front or side. All internal surface of table to be finished with white paint..Drawer unit to be made from only FASCIA 19mm BWR ply but the inner drawers made from 12mm Bwr Ply.and 19mm BWR ply FASCIA finished with 1mm thk Laminate .The drawers to run on telescopic drawer channels (Hettich, Kaff, ozone). Drawer units to have two smaller and one bigger drawers.and locking arrangement (Godrej/ Hettich/ Dorset). Incuding Teak lipping 6mm thk as required to be provided at every section of ply.Footrest of 75x50mm 2nd class teakwood member to be fixed for each table with Deco paint on expoed teak wood surface /lipping, the rate to include all hardware such as drawer channels, S.S handles, single lock for three drawers etc. The item also includes a key-board tray running on telescopic channel, made from 19mm BWR Ply finished with 0.8mm laminate on top and teakwood round moulding in front (size of key board 560x450) readymade CPU trolley with castors etc <b>The table size is taken to be 1500mm wide x 750mm depth x750mm height.(As per drawing)</b> | 2.00  | Nos |  |  |
| 23 | <b>Table</b> to have 18-19 BWR Ply , finished with 1mm thk Laminate all edges of table and front or side. All internal surface of table to be finished with white paint.Drawer unit to be made from only FASCIA 19mm BWR ply but the inner drawers made from 12mm Bwr Ply.and 19mm BWR ply FASCIA finished with 1mm thk Laminate .The drawers to run on telescopic drawer channels (Hettich, Kaff, ozone). Drawer units to have two smaller and one bigger drawers.and locking arrangement (Godrej/ Hettich/ Dorset). Incuding Teak lipping 6mm thk as required to be provided at every section of ply.Footrest of 75x50mm 2nd class teakwood member to be fixed for each table with Deco paint on expoed teak wood surface /lipping, the rate to include all hardware such as drawer channels, S.S handles, single lock for three drawers etc. The item also includes a key-board tray running on telescopic channel, made from 19mm BWR Ply finished with 0.8mm laminate on top and teakwood round moulding in front (size of key board 560x450) readymade CPU trolley with castors etc <b>The table size is taken to be 1200mm wide x 600mm depth x750mm height.(As per drawing)</b>          | 13.00 | Nos |  |  |
| 24 | Existing tables Removing and shifting of re-location in branch. if required cutting making complete in all respect including all hardware,Laminate, hinges , handles, Sliding Channels,in drawers labour and T & P ( The vendor may visit the site and survey the existing Furnihers / counters ( Including chairs and Storage)Table size is 1500mm wide x 750mm depth x750mm height.  | 5.00  | Nos |  |  |

|    |  |        |        |  |  |
|----|--|--------|--------|--|--|
| 25 | Existing tables Removing and shifting of re-location in branch. if required cutting making complete in all respect including all hardware,Laminate, hinges , handles, Sliding Channels,in drawers labour and T & P ( The vendor may visit the site and survey the existing Furnihers / counters ( Including chairs and Storage)Table size is 1200mm wide x 750mm depth x750mm height.  | 5.00   | Nos    |  |  |
| 26 | Providing & fixing Wrighting table (as/design) with size - 450mmx600mm made out of 19mm th water proof Bwr ply finished with 1mm thk.laminate.   | 1.00   | nos    |  |  |
| 27 | Providing & fixing in position Cheque drop box (as/design) with hinged shutter of size - 450mmx600mmx300mm made out of 19mm th water proof Bwr Ply finished with 1mm thk laminate. The hinged shutter shall be made out of teak wood frame workwith 6mm th. Float glass  | 1.00   | Nos    |  |  |
| 28 | Providing and fixing <b>notice boards</b> with 19mm BWR Ply sides finished with 1.0 mm thk. Laminate finish and 8mm clear glass Shutters fixed on pivots. The back to have 6mm thk BWR Ply and 12mm soft board covered with cloth of approved shade. Item includes all hardware such as push catcher, lock for glass shutters etc complete including polishing the teak surfaces (Size 1200x600 & 150 deep) .                              | 2.00   | Nos    |  |  |
| 29 | Providing & fixing in position complaint /suggestion box (as/design) with hinged shutter of size - 450mmx 600mm made out of 19mm th water proof Bwr Ply Finished with 1mm th laminate. The hinged shutter shall be made out of teak wood frame work with 4mm th. Float glass.  | 1.00   | Nos    |  |  |
| 30 | Providing and fixing of 3M film <b>Digital colour Printed as per design</b>  | 7.50   | Sq Mts |  |  |
| 31 | <b>Boxing for rolling shutters Branch ATM</b> p/f boxing for rolling shutter with 2"x 11/2" T.W.internal framework, with 19mm marine ply finshed with 1.0mm. Approved laminate complete with all the neecesary hardware etc. complete as per instructions.   | 5.00   | Sq.mt. |  |  |
| 32 | <b>Antitermite treatment (Pest Control)</b> for entire floor area and hidden woodwork.   | 200.00 | Sq.mt. |  |  |
| 33 | Brick work with 2nd class good quality brick in 1:5 cement mortar (1 cement: 5 c.sand) including racking out of joints, scaffolding, making provision for opening in walls for switches, water lines, watering, curing etc. complete as directed by the Architect/Engineer incharge. Item to also include, all accessories, pre-application preparation cleaning after the finish etc. complete.   | 1.50   | Cum    |  |  |
| 34 | Providing 15mm -20 mm thick Cement Plaster in single coat on brick/concrete wall for interior/exterior plastering at various floor level , finished even and smooth including application of rough backing coat of cement mortar 1:4 with trowel finish as direction. complete as directed by the Architect/Engineer incharge. Item to also include, all accessories, pre-application preparation cleaning after the finish etc. complete. | 35.00  | Sq Mt  |  |  |



|    |  |        |        |              |  |
|----|--|--------|--------|--------------|--|
| 35 | Flooring :-Providing and laying 12mm thick Vitrified tiles of (600x600 ) Johnson /Somany?Kajaria make or approved equivalent and of approved shade of size as per drawing in floors over 20mm (average) base of cement mortar 1:4 ( 1 cement :4 coarse sand) required thickness to match finished floor level mentioned and to match the neighboring floor finish and jointed with epoxy grout of approved shade from as/existing or equivalent brand all complete as directed complete. Rate to include forming pattern in the flooring like border, skirting, cut tiles, Protecting of the tile till hand over date by POP., etc complete in all respect. (Base rate of Vitrified tiles Rs. 500/- per Sq.mt ). .complete as directed by the Architect/Engineer incharge. Item to also include, all accessories, pre-application preparation cleaning after the finish etc. complete. | 245.00 | Sq Mt  |              |  |
| 36 | Wall Tiles in Bathroom with Designer tiles of kajaria/johnson ( Base Rate of Tile s Rs 50)   | 30.00  | Sq Mt  |              |  |
| 37 | Ceramic Flooring Tiles in bathroom with Designer tiles of kajaria/johnson ( Base Rate of Tile s Rs 50)   | 10.00  | Sq Mt  |              |  |
| 38 | Demolishing of existing partition /Panelling & disposing of the malba from the site.& repairing the exisiting partition with laminate and teak wood,Polishing Painting as required..Complete in all respect.   | 25.00  | Sq Mts |              |  |
| 39 | Demolishing of existing Gypsum/Armstrong False Ceilling & disposing of the malba from the site.& repairing the exisiting Ceiling with Putty ,Polishing Painting as required..Complete in all respect.  | 1.00   | Job    |              |  |
| 40 | Dismantalling of exisitng flooring and disposing of malba from site.   | 1.00   | Job    |              |  |
| 41 | Shifting and removing of existing furniture,tables, chairs Complete in all respects  | 1.00   | Job    |              |  |
|    | <b>Total Branch Furnishing</b>   |        |        | <b>Total</b> |  |

| BOQ OF ELECTRICAL WORK FOR BOB BRANCH VASUNDHARA ENCLAVE DELHI. |   |  |  |  |        |
|---|---|--|--|--|--------|
| S.No.   | DESCRIPTION   |  |  |  | Amount |
| 1.0   | MV PANEL  |  |  |  |        |
| B)  | MV CABLES   |  |  |  |        |
| C)  | DISTRIBUTION BOARDS   |  |  |  |        |
| D)  | POINT WIRING  |  |  |  |        |
| E)  | TELEPHONE SYSTEM  |  |  |  |        |
| F)  | COMPUTER DATA NETWORKING  |  |  |  |        |
| G)  | SUPPLY & INSTALLATION FANS FIXTURES & LIGHTS  |  |  |  |        |
| H)  | EARTHING  |  |  |  |        |
| I)  | DISMANTALLING & REFIXING  |  |  |  |        |
|   | TOTAL   |  |  |  |        |
|   | PREAMBLE TO BOQ   |  |  |  |        |
| 1.0   | The work shall be executed as per relevant specification and drawings.  |  |  |  |        |
| 2.0   | All material and equipment shall be as per specification and as per approved makes of material. Where specifications are not available the material shall be as per Indian standard specifications. The quantities and capacities of the equipments shall meet the requirement for successful completion of the work.                 |  |  |  |        |
| 3.0   | The installation and testing shall also be as per specifications and as per direction and satisfaction of   |  |  |  |        |
| 4.0   | Contractor shall submit the shop drawings for approval by consultants / Engineer in charge. The work shall be carried out as per the approved shop drawings.  |  |  |  |        |
| 5.0   | Panels shall be fabricated as per specifications after approval of fabrication drawings by consultant / Engineer  |  |  |  |        |
| 6.0   | All Electrical panel must have provision of potential free contacts for BMS/FAS.  |  |  |  |        |
| 7.0   | All Electrical panel must have digital type energy meter with RS 485 port.  |  |  |  |        |
| 8.0   | The rates of all the items of the BOQ shall include the cost of :-  |  |  |  |        |
| i)  | All materials, fixing hardware, accessories, tools and plants, freight, insurance, labour, taxes, duties, testing commissioning and of the work as per specifications and drawings.   |  |  |  |        |
| ii)   | Wastage on material and labour.   |  |  |  |        |
| iii)  | Loading, unloading, handling charges, hoisting the material to all upper levels.  |  |  |  |        |
| iv)   | Execute the work as per specifications and drawings to the full satisfaction of engineer incharge.  |  |  |  |        |
| v)  | All liabilities, obligations and risks arising out of conditions of contract.   |  |  |  |        |
| vi)   | All requirements for successful completion of the work whether mentioned in BOQ, specifications and   |  |  |  |        |
| vii)  | In the event of conflict between BOQ, specifications and drawings, the most stringent shall apply. The decision of Architect / Engineer incharge / Consultant shall be final and binding.   |  |  |  |        |
| 9.0   | The quantities of the items in the BOQ are for general guidance only based on the consultants drawings and documents. The contractor shall be paid for actual quantities as per schedule rates.   |  |  |  |        |
| 10.0  | Contractor shall visit the site before quoting the rates and satisfying himself about the working conditions. Since this is a tall building, hoisting the material to upper levels may be taken into account while quoting the rates. No extra claim on this account shall be entertained.  |  |  |  |        |
| 11.0  | Approval of all makes of material to be supplied out of approved list, shall be obtained by the contractor. Sample of the material shall be kept at site to check with the material actually installed at site.   |  |  |  |        |
| 12.0  | Engineer in charge may get the material tested at authorized labs. In case material is found under specifications as per IS, same shall be replaced by the contractor. The test fee for 1 <sup>st</sup> test shall be borne by the client but for subsequent test fee due to failure of first sample would be borne by the contractor |  |  |  |        |
| 13.0  | Testing and commissioning shall be carried out as per IS 732-1989 for the installation. The record of test results shall be maintained and submitted to the engineer in charge who would check the same at random.  |  |  |  |        |
| 14.0  | The tender shall be filled in ink and any cutting / overwriting shall be attested by the tenderer. Rates shall be quoted both in figures and words. If there is discrepancy between the rates in figures and words, then rates in   |  |  |  |        |

|              |   |             |             |              |               |
|--------------|---|-------------|-------------|--------------|---------------|
| 15.0         | Totaling errors or missing amounts shall be corrected and incorporated in tendered amount.  |             |             |              |               |
| 16.0         | Continuous earth wire shall run alongwith circuit wiring and point wiring. All switch boxes and fixtures shall be earthed. Only solid conductor earth wire shall be used for earthing.  |             |             |              |               |
| 17.0         | Where only conduits are laid for other services 16 SWG steel wire shall run in the conduit for pulling the wires at later date, by other agencies.  |             |             |              |               |
| 18.0         | Tenderer may note that there are lot of RCC walls in which conduits and outlet boxes switch boxes are to be provided. Costing of such walls shall be done with mixer shutterings. Conduits and boxes shall be laid before pouring the concrete. The outlet boxes, J.boxes, switch boxes shall be touch welded to the reinforcement before concreting. Only deep metallic J.boxes shall be used with PVC conduit as well.  |             |             |              |               |
| 19.0         | All connections shall be through, aluminium ferrules for aluminum conductors and copper ferrules for copper conductor cables.   |             |             |              |               |
| 20.0         | Earth wire with point wiring, circuit wiring, shall be of green colour with solid conductor.  |             |             |              |               |
| 21.0         | DBs shall be circuit numbered.  |             |             |              |               |
| 22.0         | As built drawing shall be prepared by the contractor after successful completion of the work these drawings shall incorporate the actual layouts, routes of cables and conduits with sizes, locations of outlets, DBS switch rooms panel, Tag blocks EPABX, Switches servers, fire detectors, zonal and main fire panels, location of CCTV cameras, monitors, etc. sets of blue prints of switch drawings shall be submitted to the Engineer incharge for verification with actual layout at site and for record. |             |             |              |               |
|              |   |             |             |              |               |
| <b>S.No.</b> | <b>Description</b>  | <b>Unit</b> | <b>Qty.</b> | <b>Rate</b>  | <b>Amount</b> |
|              |   |             |             |              |               |
| <b>1.0</b>   | <b>MV PANEL</b>   |             |             |              |               |
|              | (Loc. :- Panel Room )   |             |             |              |               |
| <b>I.</b>    | <b>INCOMING</b>   |             |             |              |               |
| a)           | 1 No-125 Amp,25KA,4P MCCB   |             |             |              |               |
| <b>II.</b>   | <b>METERING &amp; INDICATION SEB</b>  |             |             |              |               |
| a)           | CT for metering 120/5A Class-1, 15VA - 3 Nos.   |             |             |              |               |
| b)           | Multifunction Meter-1 no.   |             |             |              |               |
| c)           | Red, Yellow & Blue indicating lights with control MCB of 2A - 1 Set   |             |             |              |               |
| <b>III</b>   | <b>OUTGOING</b>   |             |             |              |               |
| a)           | 63 A TPN MCB (10KA) - 2 No.   |             |             |              |               |
| b)           | 40A TPN MCB (10KA) -'1 Nos.   |             |             |              |               |
| c)           | 25A DP MCB (10KA) -1 Nos  | Nos         | 1           |              |               |
| d)           | g) 4 Pole ELCB/RCCB 100 M Amp , 2 Nos of Siemems/ L&T/Sneider Including all accessories neutral links etc all complete including dressing   |             |             |              |               |
|              | <b>TOTAL CARRIED OVER TO SUMMARY</b>  |             |             | <b>( A )</b> |               |
|              |   |             |             |              |               |
| <b>B)</b>    | <b>MV CABLES</b>  |             |             |              |               |
| <b>1</b>     | Supplying, Laying, testing & commissioning of the following sizes of XLPE Al. Conductor armoured cables of 1.1KV grade on the surface of wall or on existing cable trays complete with hangers, properclamps fixing hardware etc. as required   |             |             |              |               |
| A)           | 4 C x 35 Sq. mm Al. Cable   | Mtrs        | 25          |              |               |
| B)           | 4 C x 25 Sq. mm Cu. Cable   | Mtrs        | 35          |              |               |
| C)           | 4 C x 10 Sq. mm Al. Cable   | Mtrs        | 20          |              |               |
| D)           | 4 C x 6 Sq. mm Al. Cable  | Mtrs        | 15          |              |               |
| E)           | 4x6 Sqmm Copper Wire with 25 mm conduit   | Mtrs        | 10          |              |               |

|            |  |      |   |              |  |
|------------|--|------|---|--------------|--|
| <b>2</b>   | Suppling, making, testing & commissioning of end termination with brass mettalic double compression glands suitable for the following sizes of XLPE Al. conductor arnoured cables including proper sizes of copper thimbles etc. as required.  |      |   |              |  |
| A)         | 4 C x 25 Sq. mm Al. Cable  | Nos. | 2 |              |  |
| B)         | 4 C x 25 Sq. mm Cu. Cable  | Nos. | 2 |              |  |
| C)         | 4 C x 10 Sq. mm Al. Cable  | Nos. | 2 |              |  |
| D)         | 4 C x 6 Sq. mm Al. Cable   | Nos. | 2 |              |  |
| E)         | 4x6 Sqmm Copper Wire with 25 mm conduit  | Nos. | 2 |              |  |
|            | <b>TOTAL CARRIED OVER TO SUMMARY</b>   |      |   | <b>( B )</b> |  |
|            |  |      |   |              |  |
|            |  |      |   |              |  |
| <b>C)</b>  | <b>DISTRIBUTION BOARDS</b>   |      |   |              |  |
|            | Supplying, installation, testing & commissioning of following type wall mounted Horizontal TPN/SPN distribution board of double door type design made out of 16 gauge MS sheet with supplying and fixing following accessories including painting, interconnections, painting, earthing and labeling etc. as required. |      |   |              |  |
| <b>1.0</b> | <b>4 WAY TPN DB (PDB)</b>  |      |   |              |  |
|            | Incoming   |      |   |              |  |
| a)         | 63Amp TPN MCB (10KA) - 1 No  |      |   |              |  |
|            | 63Amp DP RCCB (30mA) - 3 Nos   |      |   |              |  |
|            | Busbars  |      |   |              |  |
| b)         | 100 Amp TPN copper busbars - 1 Set   |      |   |              |  |
|            | Outgoing   |      |   |              |  |
| c)         | 10/16/20/25 Amp SP MCB (10KA) - 12 Nos   | Set  | 2 |              |  |
|            | Neutral links - 3 Nos (Separate for each phase)  |      |   |              |  |
| <b>2.0</b> | <b>4 WAY TPN DB (LDB)</b>  |      |   |              |  |
|            | Incoming   |      |   |              |  |
| a)         | 40Amp TPN MCB (10KA) - 1 No  |      |   |              |  |
|            | 40Amp DP RCCB (30mA) - 3 Nos   |      |   |              |  |
|            | Busbars  |      |   |              |  |
| b)         | 100 Amp TPN copper busbars - 1 Set   |      |   |              |  |
|            | Outgoing   |      |   |              |  |
| c)         | 10/16/20/25 Amp SP MCB (10KA) - 12 Nos   | Set  | 2 |              |  |
|            | Neutral links - 3 Nos (Separate for each phase)  |      |   |              |  |
| <b>3.0</b> | <b>8 WAY TPN DB (UPS)</b>  |      |   |              |  |
|            | Incoming   |      |   |              |  |
| a)         | 63Amp TPN MCB (10KA) - 1 No  |      |   |              |  |
|            | 63Amp DP RCCB (30mA) - 3 Nos   |      |   |              |  |
|            | Busbars  |      |   |              |  |
| b)         | 100 Amp TPN copper busbars - 1 Set   |      |   |              |  |
|            | Outgoing   |      |   |              |  |
| c)         | 10/16/20/25 Amp SP MCB (10KA) - 24 Nos   |      |   |              |  |
| d)         | Neutral links - 3 Nos  | Set  | 2 |              |  |
|            | (Separate for each phase)  |      |   |              |  |
| <b>4.0</b> | <b>63 Amp. 4 P ,25ka MCB with Box for UPS</b>  | Set  | 2 |              |  |

|           |  |        |    |              |  |
|-----------|--|--------|----|--------------|--|
|           | <b>TOTAL CARRIED OVER TO SUMMARY</b>   |        |    | <b>( C )</b> |  |
| <b>D)</b> | <b>POINT WIRING</b>  |        |    |              |  |
| 1.0       | Wiring for switch controlled Light Point with 3 x 1.5 Sq. mm PVC insulated FRLS multistrand copper conductor 1100 Volt grade wires in PVC surface/recessed conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting and filling chases for recessed conduiting and including the cost of supplying and fixing a 6 Amp 240 Volt grid plate mounted switch with moulded cover plate in zinc chromate passivated MS box, and costing circuit wiring with 3 x 2.5sq. mm 1100 volt grade PVC insulated FRLS Multistrand copper conductor wires, inPVC conduit complete as per specifications and as required. |        |    |              |  |
| (i)       | Primary Point  | Points | 55 |              |  |
| (ii)      | Secondary Point  | Points | 28 |              |  |
| 2a        | Wiring for 5 pin 6 A Light plug point with 3 x 1.5 Sq.mm PVC insulated FRLS multistrand copper conductor 1100 Volt grade wires in <b>recessed/surface FRLS PVC conduit</b> with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting & filling chases for recessed conduiting, including the cost of providing & fixing 1 No. Modular type 3 pin 6 A socket outlet controlled by 6 A switch in zinc chromate passivated MS box, and circuit wiring with 3 x 2.5 sq mm complete as per specifications and as required.   | Points | 15 |              |  |
| b         | Wiring for 3 nos. 5 pin 6 A Light plug point controlled by 6 A Switch with 3 x 2.5 Sq.mm PVC insulated FRLS multistrand copper conductor 1100 Volt grade wires in <b>recessed/surface PVC conduit</b> with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting & filling chases for recessed conduiting, including the cost of providing & fixing 1 No. Modular type 3nos.5 pin 6 A socket outlet controlled by 6 A switch in zinc chromate passivated MS box, and circuit wiring with 3 x 2.5 sq mm complete as per specifications and as required.   | Points | 25 |              |  |
| 3.0       | Wiring for following. 6 pin 6/16 A Power plug point controlled by 1 No. 16A Switch with 3 x 4.0 Sq. mm PVC insulated FRLS multi strand copper conductor 1100 Volt grade wires in recessed/surfacePVC conduit with accessories 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 16 A socket outlet controlled by 1 No. 16 A switch in zinc chromate passivated MS box, complete as per specification and as required.  | Points | 20 |              |  |

|     |   |        |     |  |  |
|-----|---|--------|-----|--|--|
| 4.0 | Wiring for ceiling/wall fan Point with 3 x 1.5 Sq. mm PVC insulated FRLS multi strand copper conductor 1100 Volt grade wires in surface / recessed, PVC conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting and filling chases for recessed conduiting and including the cost of supplying and fixing a 6 Amp 240 Volt grid plate mounted switch & 300W electronic regulator with moulded cover plate in zinc chromate passivated MS box, and including the cost of circuit wiring with 3 x 2.5sq. mm 1100 volt grade PVC insulated FRLS multi strand copper conductor wire, inPVC conduit complete as per specifications and as required. | Points | 18  |  |  |
| 5.0 | Wiring for exhaust fan Point with 3 x 1.5 Sq. mm PVC insulated FRLS multi strand copper conductor 1100 Volt grade wires in surface / recessed PVC conduit with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting and filling chases for recessed conduiting and including the cost of supplying and fixing a 6 Amp 240 Volt grid plate mounted switch with moulded cover plate in zinc chromate passivated MS box, and including the cost of circuit wiring with 3 x 2.5sq. mm 1100 volt grade PVC insulated FRLS multi strand copper conductor wire, inPVC conduit complete as per specifications and as required.                                   | Points | 4   |  |  |
| 6.0 | Wiring for 20A Single Phase metal clad socket outlet with 2 x 4 +1 x 2.5 sqmm PVC insulated FRLS multistrand copper wire of 1100 volt grade in surface / recessed PVC conduit pipe with accessories including supply and fixing 20A 3pin metal clad plug and socket and 20A SP MCB (MD) in IP 44 Poly carbonate box complete as per specification and as required.  | Points | 9   |  |  |
| 7.0 | Providing and fixing of following sizes of <b>PVC Flexible Conduits</b> suitable for various applications, halogen free, oil and petrol resistant, flame retardant, self extinguishing, high compressive strength and good wearing properties along with connectors complete with conduit gland & all accessories required.   |        |     |  |  |
| a)  | 25mm dia  | RM     | 120 |  |  |
| 8.0 | Providing & fixing BELL POINTS on wall / partition with 3x1.5 Sq. MM copper conductor in PVC medium gauge conduit with call bell switch (Push Type) including bell Multi Tune Bell etc. complete.   | Nos    | 1   |  |  |
| 9   | Circuit Wiring with 3 x 2.5 + 1x 2.5 mm PVC insulated FRLS multistrand copper conductor 1100 Volt grade wires in <b>recessed/surface PVC conduit</b> with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting & filling chases for recessed conduiting,complete as per specifications and as required.  | RM     | 70  |  |  |

|           |  |       |     |              |  |
|-----------|--|-------|-----|--------------|--|
| 10        | Circuit Wiring with 3 x 4.00 + 1x 2.5 mm PVC insulated FRLS multistrand copper conductor 1100 Volt grade wires in <b>recessed/surface PVC conduit</b> with accessories including cost of providing saddles etc for surface conduiting and/or cost of cutting & filling chases for recessed conduiting, complete as per specifications and as required. | RM    | 55  |              |  |
|           | <b>TOTAL CARRIED OVER TO SUMMARY</b>   |       |     | <b>( D )</b> |  |
|           |  |       |     |              |  |
| <b>E)</b> | <b>TELEPHONE SYSTEM</b>  |       |     |              |  |
| 1.0       | Supply & fixing the following sizes of PVC conduit in recessed or on surface of wall . False ceiling including cutting the wall and making good the same as required.  |       |     |              |  |
| a)        | 25 mm dia  | Mtrs  | 130 |              |  |
| 2.0       | Supply and fixing of RJ11 moduler Telephone outlet in Zinc chromate passivated M.S. Box and Modular Plate including cost of M.S.box, modular plate and connections etc as required.  | Nos.  | 22  |              |  |
| 3a        | Supply & fixing the following sizes of 16 SWG Krone telephone tag blocks housed in suitable sizes of powder coated MS boxes with hinge cover complete as required.   |       |     |              |  |
| b)        | 50 pair telephone tag block  | Nos.  | 1   |              |  |
| 4.0       | Supplying & laying the following sizes of PVC insulated and overall sheathed taped telephone cables of 0.51mm dia size inPVC conduit recessed in wall or on surface of wall including cutting the chases in making good the same and connection etc. complete as required. (From TTB on Ground Floor to Upper Floor)                                   |       |     |              |  |
| a)        | 2 pair telephone wire  | Mts   | 650 |              |  |
| b)        | 20 Pair telephone cable  | Mtrs. | 20  |              |  |
|           |  |       |     |              |  |
|           | <b>TOTAL CARRIED OVER TO SUMMARY</b>   |       |     | <b>( E )</b> |  |
|           |  |       |     |              |  |
|           |  |       |     |              |  |
|           | Note :- Only conduiting & cabling has been included in the BOQ for TV System. The High end equipment and signal booster amplifier etc. shall be provided by specialised agency.  |       |     |              |  |
|           |  |       |     |              |  |
| <b>F)</b> | <b>COMPUTER DATA NETWORKING</b>  |       |     |              |  |
| 1.0       | Supply & fixing the following size of PVC conduit in Floor/Surface of wall, including cutting the Floor/Wall and make the good the same as required <b>(For Switcher to Data point.)</b>   |       |     |              |  |
| a)        | 25 mm dia  | Mtrs  | 150 |              |  |
| 2.0       | Supply and fixing flush steel box for computer data outlet dully recessed in wall complete computer outlet RJ 45 including connect etc. required.  | Nos.  | 25  |              |  |
| 3.0       | Supply and drawing of cat 6 Data cable in existing conduit with suitable clamp and saddles and other accessories required making connection on both the ends.  | Mtrs  | 800 |              |  |
| 4.0       | 12U Rack ( D Link)   | Nos.  | 1   |              |  |
| 5.0       | 24port Switch ( d Link)  | Nos.  | 1   |              |  |

|           |   |      |    |              |  |
|-----------|---|------|----|--------------|--|
|           | <b>TOTAL CARRIED OVER TO SUMMARY</b>  |      |    | <b>( F )</b> |  |
|           |   |      |    |              |  |
| <b>G)</b> | <b>SUPPLY &amp; INSTALLATION FANS FIXTURES &amp; LIGHTS</b>   |      |    |              |  |
|           |   |      |    |              |  |
| 1         | Supply & installation , testing & commissioning of 48/36/24" <b>ceiling Fan</b> complete with all accessories such as blades, canopy etc. including wiring the down rod with 3 x 1.5 sq mm FRLS PVC insulated multistranded copper conductor wires and earthing the fans etc. complete as required.   | Nos. | 4  |              |  |
| 2         | Supply & installation , testing & commissioning of <b>wall Mounted Fan 500mm Sweep</b> . complete with all accessories such as blades, canopy etc.Connection with 3 x 1.5 sq mm FRLS PVC insulated multistranded copper conductor wires from the socket outlet to the fan earthing etc. . complete as required.(Wall Mounted Fans Bracket fans sweep 500 mm)  | Nos. | 7  |              |  |
| 3         | Supply & installation, testing & commissioning of 12/9" <b>exhaust fans</b> on existing opening in wall including all fixing hardware, louvers, shutters etc. Connection with 3 x 1.5 Sqmm FRLS PVC insulated multistranded copper conductor wire from the socket outlet to the fan earthing etc. complete as required.   | Nos. | 4  |              |  |
| 5         | Supply & Installation unpacking, assembling, testing, & commissioning of All type of Recessed / Surface mounted Lighting Fixtures (as approved by client/architect) including all fixing hardwares complete as required S/F of 600 x 600 LED recessed mounted (LED 36 Watt 6500 K in false ceiling)   | Nos. | 30 |              |  |
| 6         | Supply & Installation storing, unpacking, assembling, testing, & commissioning of All type of Recessed / Surface mounted Lighting Fixtures (as approved by client/architect) including all fixing hardwares complete as required ( LED Down Lighter 12 Watt)  | Nos. | 45 |              |  |
| 7         | Supply & Installation storing, unpacking, assembling, testing, & commissioning of All type of Recessed / Surface mounted Lighting Fixtures (as approved by client/architect) including all fixing hardwares complete as required ( LED tubeLight 20 watt )  | Nos. | 14 |              |  |
|           | <b>TOTAL CARRIED OVER TO SUMMARY</b>  |      |    | <b>( G )</b> |  |
|           |   |      |    |              |  |
| <b>H)</b> | <b>EARTHING</b>   |      |    |              |  |
| 1.0       | Earthing with copper plate electrode 600x600x3mm including accessories & providing masonry enclosure with MS cover plate having locking arrangmnt, watering pipe and excavation in soil 6 MTRS minimum, including salt and charcoals required including P&F 8 Guaze SWG copper wirein recessor surface for earthing as per design & detail complete. Including Supplying, laying & terminating earth connection with 8 SWG Copper wire. | No.  | 2  |              |  |
|           | <b>TOTAL CARRIED OVER TO SUMMARY</b>  |      |    | <b>( H )</b> |  |
| <b>I)</b> | <b>DISMANTALLING &amp; REFIXING</b>   |      |    |              |  |
| 1.0       | Dismantelling of existing electrical,Data,Telephone wires and fixtures and depositing them with bank including old fans , switches, wires, Lights etc   | Job  | 1  |              |  |



|     |   |     |    |              |  |
|-----|---|-----|----|--------------|--|
| 2.0 | Removing and Refixing of existing all type fans fixtue of other location Complete in all respects   | No. | 10 |              |  |
| 3.0 | Removing and Refixing of existing all type lights fixtue of other location Complete in all respects | No. | 20 |              |  |
|     | <b>TOTAL CARRIED OVER TO SUMMARY</b>  |     |    | <b>( I )</b> |  |

**BOQ FOR AC WORK OF BOB BRANCH VASUNDHARA ENCLAVE DELHI.**

**AIR CONDITIONING WORKS**

| SNO. | DESCRIPTION OF ITEM  | UNIT | QTY.         | RATE         | AMOUNT |
|------|--|------|--------------|--------------|--------|
|      | <b>INSTALLATION OF SPLIT/WINDOW AC's AND ARRANGEMENT OF AC DRAIN PIPES WITH PROPER DRAINAGE</b>  |      |              |              |        |
| 1    | Re installation of existing AC with servicing and fixing and stabilizers them at appropriate space as per design including filling of gas in windows and split AC  |      |              |              |        |
| a    | Split AC (1,1.5,2 Ton)   | Nos. | 6            |              |        |
| 2    | Supply & Installation unpacking, assembling, testing, & commissioning of Inverter AC with servicing and fixing and stabilizers them at appropriate space as per design including filling of gas in windows and split AC and stand for per unit |      |              |              |        |
| a    | Split AC 1.0 Tonne   | Nos. | 1            |              |        |
| b    | Split AC 2.0 Tonne   | Nos. | 3            |              |        |
| 3    | Extra piping/Cabling for split aitconditioning other than 10 mts included in the above rates If Required   | Mts  | 130          |              |        |
| 4    | Providing and Installation of three step Stabilizers of Blue, Bird, Logicstat, Microtek  | Nos  | 4            |              |        |
| 5    | Existing stabilizers Removing and refixing other location.   | Nos. | 6            |              |        |
| 6    | 25 mm dia cpvc pipe for drainage of spilt ac   | Mt   | 75           |              |        |
| 7    | Steel work welded in built up sections / framed work, including cutting, hoisting, fixing in postion and applying a priming coat of approved steel primer using AC outdoor unit Cageing.   | Kg   | 125          |              |        |
|      |  |      | <b>( A )</b> | <b>TOTAL</b> |        |