

Bill of Quantity

(A) INTERIOR FURNISHING & CIVIL WORKS

Item No	Description of Work	Unit	Quantity	Rate	Amount
1	Low height Double skin partially glazed partition				
	Providing and fixing double skin partly glazed full height double skin partitions with frames of 50mm x 38mm (finished size) seasoned hardwood members (Malaysian salwood / hollock) at max. intervals of 450mm x 450mm with provision of bigger members at skirting, top of partition / top of panelled partition / fixing to false ceiling, fixing to RCC slab, beams etc, fixing to door frames, (door chouxhats shall be 1st Class TEAK WOOD) etc, all woodwork to be treated with 1st quality anti-termite paint, and covered with 6mm thick BOILING WATER PROOF grade plywood (Greenply / Century/Kitply) and 1.0mm thick laminate of approved colour, texture and design, as per standard colours of CENTRAL BANK OF INDIA with grooves / small panels cut and pasted in the same as per design, on both sides so as to form a double skin partition, to level 900mm and with 12.0mm edge polished mm clear float glass above,				
	fixed in wooden frame and with wooden beading as per detail design, which is to be of 1st quality teakwood (All visible wood to be of 1st quality "teakwood") and shall be polished.				
	The wooden frame of the partition shall up to the false ceiling level, if required, and shall be firmly fixed to the ceiling (and ground) by means of RAWL PLUGS, so as to form a stable system. If the same does not go up to the ceiling, extra supports shall be given to make it a stable system.				
	All necessary hardware such as stainless steel tower bolts, ISI marked door closers, floor springs, 6 Lever Godrej Mortice Locks, and any other hardware required for the door shall be included in the price. Any extra members required for Stability of the Partition / Aesthetic value shall be provided without any extra payment for the same. The Wooden Frame and all wooden members / elements shall be coated with anti-termite paint (Chloropyrophos), as per the Manufacturers Specifications.				
	Note: Payment for doors shall be included in this item / relevant partition item.				
	The laminate shall have a number of horizontal/ vertical grooves / curved cutouts or small panels which shall be fixed securely as per design and if necessary, beading done for the same, as per standard design of CENTRAL BANK OF INDIA.				
	Openings for communication / conversation if required shall be provided as required as per detailed design and nothing extra shall be paid / deducted for the same.				
	All electrical wires, accessories, telephone wires, etc, shall be run in the partition as per Electrical Drawings and designs, and the same shall be paid under the Electrical Works to the Electrical Contractor. Nothing extra shall be paid for the co-ordination of the same, or for any minor changes etc. to the Interior Contractor.				
	All items necessary for completing the above mentioned work are deemed to be included in the scope of work, whether or not they are specifically mentioned in the B.O.Q / tender documents / drawings.				
	All exposed wooden surfaces are to be polished, and all exposed wooden surfaces shall be of teakwood.	SQM	55.00		
Rate In Words:					
2	Full height Double skin fully panelled partition				

	Providing and fixing Fully panelled partitions as per specifications given in Item No. 1 above, except that no glazing shall be there in the partition (doors shall however be glazed, if so desired by the CENTRAL BANK OF INDIA, or can be fully panelled also, with the same details and specifications in Item No. 1) all complete as per designs, details and specifications.	SQM	50.00		
Rate In Words:					
3	Low Height Partition				
	Providing and fixing double skin partly panelled and partly glazed Low Height Partitions of a total height of 1400mm(as per design) with 12mm thick glass neatly and strongly inserted as per design and pattern , with the specifications of the fully panelled portion identical to the specifications given in Item No. 1 above. All exposed members shall be of teakwood, and polished and protected with Melamine Polish. Wicket doors shall be paid for at the same rate, even though they may be fully panelled, including all necessary hardware.				
	All other specifications and conditions to be same as Item No. 1 above.	SQM	18.00		
Rate In Words:					
4	LOW HEIGHT CABINET				
	Providing and Fixing Low Height Cabinet finished with 1.0mm thick laminate, all complete with drawers, cabinets, etc., as per drawings and details, vertical and horizontal dividing members to be of 19mm thick BWP plywood cabinets, cabinet shutters and drawers to be of 19mm thick BWP plywood, all exposed surfaces to be covered with 1.0mm thick laminate, all inner surface to be covered with 0.8mm laminate, all drawers to run on drawer slides (Make- Hettich), all handles to be of Ebco / Godrej / Hettich of approved quality and colour, all complete as per instructions of E/I. (Note: Elevation area to be measured)				
a	1'-6" wide	SQM	9.90		
Rate In Words:					
5	FALSE CEILING (2'X2')				
a	GRID CEILING: Providing & Fixing of Armstrong Mineral Fibre Acoustical Suspended Ceiling System with Dune (Bevelled Tegular) Edge Tiles With Armstrong 15mm Exposed GRID. The tiles should have Humidity Resistance (RH) of 99%, NRC 0.5, Light Reflectance ≥85%, Thermal Conductivity k = 0.052 - 0.057 w/m K, Colour White, Fire Performance UK Class 0 / Class 1 (BS 476 pt - 6 &7) in module size of 600 x 600 x 16mm , suitable for Green Building application, with Recycled content of 32%. The tile shall be laid on Armstrong Silhouette profile grid system with 15mm white flanges incorporating a 6mm central reveal in white/black colour and with a web height of 45mm and a load carrying capacity of minimum 15.68 Kgs/M2 & minimum pull out strength of 100 Kgs.. Silhouette, Main Runners & Cross Tees to have mitred ends & “birdsmouth” notches to provide mitred cruciform junctions. The T Sections have a Galvanizing of 90 grams per M2 and need to be installed with Suspension system of Armstrong make. The Tile & Grid system used together should carry a 30 year warranty.				
	ARMSTRONG SUSPENSION SYSTEM 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 Straightened 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.	SQM	180.00		
Rate In Words:					

b	GYPSBOARD CEILING WITH PAINTING: Providing and fixing suspended false ceiling consisting of 12.5mm thk Gypsum board (India Gypsum) suspended on GI framework to consist of GI perimeter channels 0.55mm thick 20mm x 30mm along perimeter of false ceiling of ceiling, screw fixed to wall/partition with nylon sleeves and screws @ 600mm c/c suspending GI intermediate channels of size 0.9mm thick 45mm x 15mm from the soffit at max dist 1220mm c/c with ceiling angle 0.55mm thick 25mm x 10mm fixed to soffit using proprietary supplied joining tape and joining compound and sand papered to achieve a smooth and seamless finish and 2 coats of primer along with 2 coats of acrylic paint. Rate quoted to include vertical, drops, all cut outs required etc. <i>(Note: Only horizontal area will be measured)</i>	SQM	59.59		
Rate In Words:					
6	VITRIFIED TILES:				
	Providing and laying of 600x600,8- 10mm thick vitrified tiles inclusive of 6" skirting of approved make & colours laid on cement mortar (1 cement:4 coarse sand) including pointing of the joints with white cement and matching pigment complete. The rate is inclusive of removing the existing tiles/surface of flooring & carting away to the nearest municipal dump area or directly fixing the tiles over the existing ones using adhesive after cleaning scrubbing, washing etc. complete as direct by Architect in charge. Note- <i>(Note: Only horizontal area will be measured)</i> Equivalent Tile make: Kajaria Make (AGCNL-K6211) / same shade matching in Nitco, Johnson Company)	SQM	130		
Rate In Words:					
7	ROLLER BLINDS				
	Providing and fixing Roller Blinds (make-VISTA), all complete, with all fixing mechanisms, in specified color / texture / screen, as per attached list, all complete with installation, testing, correcting any deficiencies, all complete as per instructions of E/I.	SQM	24		
Rate In Words:					
8	FURNITURE				
A	OFFICER TABLES				
	Providing and Placing new tables along with matching credenza of plan size (basic) as given below and credenza of plan size as given below, table top to be made of 19 mm thick BWP plywood, edged with Teakwood beading of 60 mm x 40 mm, cut to required shape with the entire table to be finished with superior quality 1mm thick wood finish laminate / approved equivalent. Teakwood Beading to be polished to required colour and finished and protected with a top-coat of melamine finish.				
	A credenza unit , (3'-0" x 1'-6" x 2'-6" Ht.) top, back and sides made out of 19mm thick BWP plywood, top to be finished with superior 1mm thick wood finish laminate / approved and with identical detailing as specified above.				
	Table to have a vertical modesty panel, side panels of 19mm thick BWP plywood covered with 1mm thick superior wood finish laminate (textured / raised wherever required) / approved equivalent of approved colour and minimum 0.8mm thk laminate to be pasted on the inner side, which is not visible.				
	Drawers and cabinet shutters to be laminated on all external surfaces and 0.8mm laminate on all internal surfaces as specified above.				
	All drawers and cabinets (both in tables and credenza) to be provided with 'Godrej' locks and handles. Independent locking arrangement (cam lock) for each pedestal. 6' wide table to be provided with two pedestal one at each sides. At least 3 nos of drawers in each pedestal. Sleek handles for easy grip.				
	Table top to be provided with 8 mm clear float glass with bevelled edges finish all sides. Holes, cutting wherever necessary to be provided at no extra cost.				

I	Officer Table Set: 6'-0" x 3'-0" (as/ design)	Each	4		
Rate In Words:					
II	Officer Table Set: 5'-0" x 2'-6" (as/ design)	Each	8		
Rate In Words:					
III	Working table: 4'-6"X2'-6" (as/ design)	Each	16		
Rate In Words:					
IV	Reception table : 4'-6"X2'-6"(as/ design)	Each	1		
Rate In Words:					
B	MEETING ROOM TABLE				
	Providing and installation of Conference Table of dimensions 30'-0" (L) x3'-3" (B) (4'-6" at center) x (2'-6" ht). The base of the table shall be made in 3 Parts. The parts will be assembled on site to make monolithic top Conference Table of required size. The base shall be made of 16 no.'s 3"x3" Mirandi wood upright legs/ supports, duly polished in melamine polish, shade to be as decided by Bank. The legs shall be interconnected on the periphery, at the top with a continuous mirandi wood section of 2"x3", using standard joint system, screws, adhesive etc. All the members shall be interconnected inside the periphery using Mirandi wood section of 2"x3" at a level of 1'-3" from the base (floor level) of the table using standard joint system, screws, adhesive etc., Mirandi wood batten 2"x2" shall be provided at the top level, supported on 3"x2" upright mirandi wood battens provided as per drawing for supporting of the internal board etc. All the members to be finished in melamine polish as per the shade (as decided by Bank). The Table Top shall be made with A class 25 mm commercial board (Duro/Greenply) make and finished at top with 3 mm thick decorative veneer (base price not less than Rs. 2000/- sq. mt.). The veneer shall be polished in Melamine to a shade as decided by Bank, and finally the top shall be coated with PU finish. The edges shall have 1"x2" teak wood beading with a groove as per the drawing, and finished in melamine polish to match the veneer. The base (underside) of the top shall have 0.8 mm laminate finish (off white colour). A modesty panel, made up of A -class 12 mm ply (Duro, Greenply), finished in 3 mm decorative veneer (base price not less than Rs. 2000/- sq/mt) at 1'-3" from floor level, joined with the base of the top of the table duly melamine polished and finished as per the drawing shall be provided. The inner side of the panel shall be finished in 0.8mm thick laminate (off white shade). The table shall be made complete in all respect as per directions of EIC.	Each	1		
Rate In Words:					

9	CHAIRS / STOREWELL / RACKS				
A	Providing and placing Chairs of Godrej / approved equivalent make, all complete as per Banks Colours / Specifications, etc., all complete.				
I	Officer's Chairs - Mid Back -Diva series	Each	24.00		
Rate In Words:					
II	RM Chairs - High back-Bravo series	Each	1.00		
Rate In Words:					
III	CM Chairs - Mid back - Bravo series	Each	4.00		
Rate In Words:					
IV	Visitors Chairs with armrest - Bravo series	Each	11.00		
Rate In Words:					
V	Visitors Chairs with armrest - Diva Series	Each	14.00		
Rate In Words:					
VI	3 Seated lounge Sofa (Steel and moulded foam) - Midas series	Each	3.00		
Rate In Words:					
B	Providing and placing Store well / racks of Godrej / Usha Lexus / Wipro / Nilkamal, all complete as per Banks Colours / Specifications, etc., all complete.				
I	Steel Almirah with 4 nos fixed metal shelves, making 5 compartments without locker apartment. The Almirah to be powder coated in steel grey colour. It should have interlocking design and full length overlapping doors and sides. It should have 3 way bolting mechanism. The two doors have hinge mounted on frame. Almirah of size 78"x36"x19" and made up in at least 20 SWG steel. The doors have one handle and lever locking mechanism with 6 lever Mazak Zinc plated lock.	Each	18.00		
Rate In Words:					
II	Slotted Angle Rack with 5 compartments with 6 nos of shelves, The rack shall be assembled with GI bolts, nuts and washer. Size 96' 'x 36" x 19". Slotted angle is of 14 SWG and shelves are of 18 SWG sheet.	Each	18.00		
Rate In Words:					
CIVIL WORKS					
10	Brick Work				
	Half brick masonry with non-modular fly ash bricks of class designation 10, conforming IS :12894, in superstructure above plinth and upto floor V level.				
	Cement mortar 1 : 4 (1 cement : 4 coarse sand)	CUM	2.50		
Rate In Words:					
11	Providing and fixing factory made P.V.C. door frame of size 50x47 mm with a wall thickness of 5 mm, made out of extruded 5 mm rigid PVC foam sheet, mitred at corners and joined with 2 Nos. of 150 mm long brackets of 15x15 mm M.S. square tube, the vertical door frame profiles to be reinforced with 19x19 mm M.S. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided throughout the frame. The door frame to be fixed to the wall using M.S. screws of 65/100 mm size, complete as per manufacturer's specification and direction of Engineer-in-Charge.				
	30 mm thick plain PVC door shutters	SQM	3.15		
Rate In Words:					
12	PLASTER				

	12 mm cement plaster on the rough side of single or half brick wall of mix:				
	1:6 (1 cement: 6 course sand)	SQM	27.00		
Rate In Words:					
13	Ceramics Tiles				
	Providing and laying Ceramic glazed floor tiles / Wall Tiles 300x300mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS: 15622 of approved make in all colours, shades, except White, Ivory, Grey, Fume Red Brown laid on 20mm thick bed of Cement Mortar 1:4 (1 Cement: 4 Coarse sand) including pointing the joints with white cement and matching pigments etc. complete.	SQM	75.00		
Rate In Words:					
PAINTING WORK					
14	Oil Bound Distemper				
	Providing and applying washable oil-bound distemper of Approved brand and of approved shade firstly removing old paint / black stains with scratching using stiff wire / fiber brush, sand paper, fine steel wool then removing all loose and powdery residue, any fungus and algae thorough brushing, cleaning, making surface imperfections such as holes, dents, small visible cracks by filling using mixture and then after surface preparations, then applying one coat of approved primer, then providing and applying two coats of washable oil bound distemper of approved colour, shade etc. All complete as per the Direction Of Consulting Engineer / In Charge	SQM	850.00		
Rate In Words:					
15	Internal Lustre Paint				
	Providing and applying interior wall finish luster of Asian paints or equivalent make on internal wall firstly removing old paint / black stains with scratching using stiff wire / fiber brush, emery paper and wipe clean. Applying Asian paints or equivalent wall primer with mineral turpentine with brush 8 to 10% and oil 15 to 20% with roller and allowing too dry for a period 6 to 8 hours. Applying Asian paints or equivalent acrylic wall putty with appreciate of water allowing too dry for period 4 to 6 hours. Scrapping with emery paper 180 and wipe clean. Applying Asian paints or equivalent wall primer with brush with mineral turpentine 8 to 10% and oil 15 to 20% with roller scrapping emery paper 320 and wipe clean, applying Asian paints (Royale) or equivalent interior wall finish luster 1st coat with brush / rubber / spray with mineral turpentine 7 to 9% and oil with roller 19 to 21% after 8 hours of activity and applying 2nd coat with of Asian paints or equivalent interior wall finish luster with mineral turpentine 7 to 9% with brush and oil with roller 19 to 21% after allowing dry for the period of 6 to 8 hours activity. Complete as per the direction of Consulting Engineer / in charge.	SQM	300.00		
Rate In Words:					

15a	Synthetic Enamel Paint				
	Thoroughly scraping and cleaning the surface applying one coat of prime, and two coats of oil paint to window and other area as required. complete as per the direction of Consulting Engineer / in-charge	SQM	50.00		
Rate In Words:					
SANITARY INATALLATION					
16	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P flush bend with fittings & C.I brackets, 40mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete including painting of fittings and brackets, cutting and making good the walls and floors wherever required:(OR AS APPROVED BY CENTRAL BANK OF INDIA)				
	W.C pan with ISI marked white solid plastic seat and lid	Each			
Rate In Words:					
17	Providing and fixing white vitreous china battery based infrared sensor operated urinal of approx. size 610 x 390 x 370 mm 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 required:	Each	3.00		
Rate In Words:					
18	Providing and fixing wash basin with C.I brackets, 15mm C.P brass pillar taps, 32mm C.P brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require:				
	White Vitreous China Wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps.	Each	3.00		
Rate In Words:					
19	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS 13983 with C.I brackets and stainless steel plug 40mm including painting of fittings and brackets, cutting and making good the walls wherever required :(OR AS APPROVED BY CENTRAL BANK OF INDIA)				
	Kitchen sink with drain board				
	510x1040 mm bowl depth 178 mm	Each	1.00		
Rate In Words:					
20	Providing and fixing PVC waste pipe for sink & wash basin including PVC waste fittings complete				
	Semi rigid pipe				
	32mm Dia	Each	1.00		
Rate In Words:					
21	Providing and fixing PTMT Bottle Trap for Wash basin and sink.				
	Bottle trap 31mm single piece moulded with height of 270mm, effective length of tail pipe 260mm from the centre of the waste coupling 77mm breadth with 25mm minimum water seal, weighing not less than 260 gms.	Each	4.00		
Rate In Words:					

22	Providing and fixing Toilet Paper. Holder .Vitreous china	Each	3.00		
Rate In Words:					
23	Providing and fixing 600X450mm bevelled edge mirror of superior glass complete with 6mm thick hard board ground fixed to wooden cieats with CP brass screws & washers complete.	Each	3.00		
Rate In Words:					
24	Providing and fixing PTMT liquid soap container 109mm wide, 125mm high and 112mm distance from wall of standard shape with bracket of the same materials with snap fittings of approved quality and colour weighing not less than 105 gms.	Each	2.00		
Rate In Words:					
25	Providing and fixing PTMT towel ring trapezodial shape 215mm long, 200mm wide with minimum distances of 37mm from wall face with concealed fittings arrangement of approved quality and colour. Weighing not less than 88 gms.	Each	3.00		
Rate In Words:					
26	Providing and fixing PVC fittings all complete as/specification & direction of E/I				
	110 mm vent cowl	Each	3.00		
Rate In Words:					
	110 mm plain bend	Each	3.00		
Rate In Words:					
	110 X 110 mm dia plain tee	Each	5.00		
Rate In Words:					
	110 mm pipe clip	Each	30.00		
Rate In Words:					
	110 X110 mm dia p-trap	Each	3.00		
Rate In Words:					
	40 mm elbow	Each	5.00		
Rate In Words:					
	40 mm plain tee	Each	5.00		
Rate In Words:					
27	WATER SUPPLY				
	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.				
	20 mm Nominal outer dia pipes	Metre	5.00		
Rate In Words:					
	25 mm Nominal outer dia pipes	Metre	5.00		
Rate In Words:					
	32 mm Nominal outer dia pipes	Metre	5.00		
Rate In Words:					
	40 mm Nominal outer dia pipes	Metre	5.00		
Rate In Words:					
	50 mm Nominal outer dia pipes	Metre	5.00		
Rate In Words:					
28	Aluminium Sliding Window				

Providing and fixing in position two track aluminium window of extruded modular and anodized approved colour, shade and finish aluminium sections of Jindal or equivalent approved make and size. 92mmx31.75mmx1.9mm thick (wt. 1.336 kg/mtr) for top and bottom. The shutter comprising of bearing bottom and top of size 48mmx20mmx1.3mm thick (wt 0.594 kg/Rm). interlocking section of size 50mmx29mmx1.28mm thk (wt 0.594 kg/mtr) and hand sides of 50mmx20mmx1.5mm thk (wt. 0.571 kg/Rm) with 5 mm thick frosted/tinted of Saint Gobain / Aashi make fixed in shutter including approved quality neoprene gasket, fixtures, fastenings and accessories like PVC taflon bearing of MITI or approved make, 6" Star locks etc. Stainless steel screws complete as directed by EIC.	sqmtr	25.00		
Rate In Words:				
	TOTAL, in figures (A) =			
	TOTAL , in words (A) =			

Contractor to Note that:-

1	Extra members, wherever required for stability / otherwise, to be provided with the required finish without any extra charges. The Elevation area of Letter box and cheque drop box also included in the BOQ.
2	Any damages caused to the walls, ceilings, floors, etc. shall be made good by the Contractor by refinishing the same in exactly the same manner, so as to leave the surfaces in a good-as-new condition. A final coat of paint on all painted surfaces shall be deemed to be included in the occupation, so as to leave the premises in a suitable condition for occupancy.
3	Contractor shall make and get approved shop drawings of all items prior to fabrication / manufacturing of the same.
4	The contractor shall extend full co-operation to the other contractor's viz. Electrical, Air-conditioning, and any others who may be working in the said premises.

(B) ELECTRICAL WORKS

S.	Description	Unit	TOTAL	Rate	TOTAL
No.			QTY		AMOUNT
	WIRING				
1	Providing wiring (supply, fixing, testing and comm. etc) for light point / Exhaust fan point / Call bell point/6A Switch-socket point etc with 2x1.5+1X1.5 sq mm FRLS PVC insulated copper conductor single core multi stranded wire in MMS grade-PVC conduit with conduit accessories like bend , junction box etc in concealed/surface manner as per site requirement with suitable Modular Switches with plate and metal / PVC box, ceiling rose , bulb/angle holder etc including 1.5 sqmm PVC insulated copper earth wire etc complete as required. Wire colors : Red, Black, Green .Supplying, providing wiring (supply, fixing, testing and comm. etc) for circuit with 2 x 2.5 + 1 x 2.5 sq mm FRLS PVC insulated copper conductor single core multi stranded wire in MMS grade-PVC conduit with conduit accessories like bend, junction box etc on surface / recessed manner etc (Wiring from D.B. / Source to Board/destination) and making good all the damages, painting, cleaning the site etc complete as required as per site requirement and as directed.				
1.1	Primary light point	Point	25		
Rate In Words:					
1.2	Secondary light point	Point	35		
Rate In Words:					
	Note: Maximum 3 points to be looped from primary.				
1.3	Plug point /ceiling Rose Point (for wall fans/Exhaust fan) Supply, fixing and commissioning of 1 No 6A multi Socket/Ceiling rose with 1 No. 6A switch (Modular type) with cover plate, sheet steel box / PVC modular box etc. on surface / concealed manner I/c electrical connections and making good all the damages, painting, cleaning the site etc. complete as required as per site requirement and as directed.	Point	50		
Rate In Words:					
1.4	6 AMP. POINTS ON SAME BOARD (Half point): Supply, fixing, testing and commissioning of 1 No 6 A Multi Socket with 1No. 6 A switch (Modular type) with cover plate , sheet steel box / PVC modular box etc on surface / concealed manner I/c electrical connections and making good all the damages, painting, cleaning the site etc. complete as required as per site requirement and as directed.	Point	40		
Rate In Words:					
1.5	Ceiling fan point (rate should include electronic fan speed regulator)	Point	40		
Rate In Words:					
2	Wiring for circuit/ sub main wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed with PVC conduit as required.				
a	4 X 10 sq. mm + 1 X 4 sq. mm earth wire (Sub Main Wiring from panel to UPS/Light DB Panel)	Meter	60		
Rate In Words:					

b	4X 16 sq. mm + 1 X 4 sq. mm earth wire(Sub Main Wiring from panel to AC and power DB)	Meter	40		
Rate In Words:					
3	UPS points (any length)				
	Supplying and fixing suitable size box with modular plate and cover including providing and fixing 5 pin 3X6/16 amps modular socket outlet and 16 amps modular switch on board connection etc. as required with wiring with 2 X 2.5 sq. mm + 1 X 2.5 sq. mm FRLS PVC insulated copper conductor wire in MMS grade PVC conduit with all accessories etc. (wiring from DB / Source to Board/destination). (For power plugs to be used in non-residential buildings).	Each	40		
Rate In Words:					
4	LAN POINT (any length)				
	Supplying and fixing four pair CAT 6 LAN cable tinned copper conductor (from Server rack to I/O outlet) through PVC conduit including connection, testing etc. as required with				
a	Net socket outlet with shutter modular type Rj-45 I/O with suitable size PVC modular boxes complete as required (D-Link Make)	Each	44		
Rate In Words:					
b	Supply fitting fixing Rack 18 U server Rack complete etc. as required	Each	1.00		
Rate In Words:					
5	16 AMP. POWER POINTS: (including circuit wiring): Supply, fixing, testing and commissioning of 1 No 16 A switch & 1 No. six pin 6/16 Amp. Multi Socket (Modular Type) with cover plate , sheet steel box etc. on surface / concealed manner I/c electrical wiring with 2 X4 sqmm + 1 X 4 sqmm FRLS PVC insulated copper conductor single core multi stranded wire in MMS grade-PVC conduit with conduit accessories like bend, junction box etc. on surface / recessed manner etc. (Wiring from D.B. / Source to Board to destination) and making good all the damages, painting, cleaning the site etc. complete as required as per site requirement and as directed.	Each	16.00		
Rate In Words:					
6	MODULAR BLANK PLATE				
	Supplying and fixing modular blanking plate on the existing modular plate & switch box excluding modular plate as required.	Each	25		
Rate In Words:					
7	AC POINTS : Supply, Installation, Testing and commissioning of the surface / recess mounting distribution board with 25 A Metal plug and socket, with 25A/32A SP MCB Incl. wiring with 2 X 4.0 sq mm + 1 X 4 sqmm PVC insulated copper conductor single core multi stranded wire in MMS grade-PVC conduit with conduit accessories like bend, junction box etc on surface / recessed manner etc. (Wiring from D.B. / Source to Board/destination) and making good all the damages, painting, cleaning the site etc. complete as required as per site requirement and as directed. (MCB of C-Curve with S.C Capacity 10 kA)	Each	14		
Rate In Words:					
8	MCCB, MCB & DB'S				
A	LIGHT DISTRIBUTION BOARD				

	Supplying and fixing following way, horizontal type single pole and neutral, sheet steel, MCB distribution board double door , 240 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including Earthing etc. as required.				
	8 way TPN DB IP 42, Double door				
	INCOMER				
	1 No. TPN-RCBO 80 Amp ,100 ma sensitivity				
	OUTGOINGS				
	20-22 Nos SPMCB 6/10/16 Amp, B-Curve				
	SET AS ABOVE	Each	1		
Rate In Words:					
B	AC/Power DISTRIBUTION BOARD				
	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board double door , 415 volts, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including Earthing etc. as required.				
	8 way TPN DB IP 42, Double door				
	INCOMER				
	1 No. TPN MCB 80 Amp ,C Curve				
	OUTGOINGS				
	20-22 Nos SPMCB 16/25/32 Amp, C-Curve				
	SET AS ABOVE	Each	1		
Rate In Words:					
C	UPS Distribution Board				
	Supplying and fixing following way, horizontal type SPN DB, sheet steel, MCB distribution board double door , on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including Earthing etc. as required.				
	1 NOS 16 WAY SPN DIST BOARD				
	INCOMER				
	1 No. DP MCB 63 Amp				
	OUTGOINGS				
	12-14 Nos SPMCB 6/10 Amp				
	SET AS ABOVE	Each	2		
Rate In Words:					
D	Supplying and fixing single pole blanking plate in the existing MCB DB complete etc. as required.	Each	20		
Rate In Words:					
E	Danger Sticker / Board for Indication	Each	4		
Rate In Words:					
9	CALL BELL				
	Call bell point/circuit wiring including Ding – Dong bell with 1.5 mm sq. FRLS multi strand PVC copper wire including plate switches, sockets, etc. in EXECUTIVE chambers.	Nos	5		
Rate In Words:					
10	EARTHING				
10.1	Supply and installation of Earthing for Electrical equipment of 600mmx 600mmx3mm thick copper plate and connecting rod with all Earthing set. With 25 mm x 5 mm, 3 metres copper	Nos	2		

	strip connecting from copper plate to earth terminal (With charcoal or coke and salt). Construction of earth pit chamber, CI Cover with funnel for watering				
Rate In Words:					
10.2	Connecting from Earthing terminal to electrical DB system by 6 SWG Copper wire with nut bolt and 20mm PVC pipe and fittings including.	Mts.	100		
Rate In Words:					
11	ELECTRICAL PANEL				
	Supply, erection, connecting, testing and commissioning of cubicle type panel fabricated out of CRCA sheet steel, Wall mounted totally enclosed switchboard of uniform width suitable for use of 415 volts , 3 phase, 50 HZ complete and housed with Copper bus bar equipment and their accessories including supply and fixing of base channel of 100 x 50 x 6 mm as required and with following incoming and outgoing switchgear as per the specifications and schematic diagram Powder Coated. All feeder units to be compartmentalized. Interconnecting single core multi strand lugged copper wire of suitable capacity & size with lugs from bus bar to switch gears/MCCB/MCB, two Earthing terminal bus bars of size 25x5 mm with nuts and bolts at outside the panel.				
	SFU TPN 200 A with HRC fuses (just after meter and prior to Main Panel)				
	INCOMER:				
	1 Nos 200 Amp TPN,35kA, MCCB's with microprocessor based releases for overcurrent, short circuit and earth fault, with isolable neutral, ON indication, 1 no. multifunction digital meter (showing all power parameters), with selector switch, matching cast resin CT's.				
	BUS BAR				
	A set of TPN Copper bus bar rated for 200A (after considering all necessary ratings) 3 phase 4wire, 50Hz.				
	(All Internal Wiring With 35 Sq. mm copper Wire)				
	OUTGOING				
	3 nos 100A TPN MCB's, 25 kA with indication lamps (1 each for light DB/AC DB/Power DB)				
	3 nos 63 A DP MCB's, 25 kA with indication lamps (2 for UPS & 1 for GSB)				
	Other items such as				
	1 Lot of control Copper wiring				
	1 Set of designation plates				
	Switchbaord as above complete				
	with all internal wiring and thimble including.				
	including 1 nos of 100 A three phase Load Changeover	Sets	1		
Rate In Words:					
12.0	SITC OF FIXTURES AND FITTINGS				
12.1	15 W LED recessed mounted down light. Lumen output: 900 lumen <i>Approved model: Philips Astra prime Round 15 CW</i>	Nos.	4		
Rate In Words:					
12.2	1200mm ceiling fan - 5 star rating	Nos.	6		
Rate In Words:					
12.3	2'x2' square commercial LED of minimum 32-40 W Cool white down light fixtures. (Minimum output: 3500 lumen) , PF >0.9, CRI >=80 <i>Approved model: Philips FullGlow RC380B LED36S</i>	Nos.	38		
Rate In Words:					
12.4	Supply and fixing of 400 mm dia. white wall fan HI-speed, Having two cord one for 3 no. swing and another one for	Nos.	40		

	speed control, motor speed 1400 RPM - 5 star rating				
Rate In Words:					
12.5	Supply of exhaust fan heavy duty with louver shutter (ISI marked) of 300 mm dia 900 RPM	Nos.	5		
12.6	20 W LED T5 tube light Wall/ceiling mounted light fittings	Nos.	16		
Rate In Words:					
13	MAIN (SERVICE) CABLE				
	Supply and installation cable from pole to LT Panel with 4x70 sqmm flame proof PVC insulated aluminium conductor armoured CABLE of 650/1100 volts grade with required earth wire with concealed / exposed PVC pipe, including making all the connections, including cutting chases and making good the surfaces wherever required.	MTR	50		
Rate In Words:					
14	GENERATOR CABLE				
	Supply and installation cable from generator to LT Panel with 4x35 sqmm flame proof PVC insulated aluminium conductor armoured CABLE of 650/1100 volts grade with required earth wire with concealed / exposed PVC pipe, including making all the connections, including cutting chases and making good the surfaces wherever required.- Finolex/RR/Polycab	MTR	25		
Rate In Words:					
15	Glow Sign Board point wiring: 2 x 4 sqmm + 1 x 2.5 sqmm multi strand PVC copper wire in PVC Pipes. This is to be connected to either one of SP or DP MCB of the Main Panel. Finolex/RR/Polycab	MTR	15		
Rate In Words:					
16	AC UNITS				
	Supply, installation, testing and commissioning of 1/1.5 Ton (12000/18000 BTU/hr) Aircooled Mega Hi wall Cassette AC type air conditioner unit complete with blower section with motor and drive, DX Copper coil, active carbon filter for remove odour, and LCD remote control type (Condensing unit mounted on wall brackets).or on surface as per site requirement) with extended liquid/vaporub line (different length) pvc condensate drain pipe on proper size run on surface through walls, columns, copper pie power cable etc. inside proper size duct channel (Adamjee-dura), complete with material hardware, fittings, fixture masonry works such as cutting of grooves holes etc. and making the cement good with cement plaster, finish painting complete all as per site condition including 4KVA/5 KVA stabilizer (Microtek) and 3x2.5 copper wiring.				
16.1	SPLIT AC UNIT - 5*Inverter (1 TR)	EACH	4		
Rate In Words:					
16.2	SPLIT AC UNIT - 5*Inverter (1.5 TR)	EACH	2		
Rate In Words:					
16.3	SPLIT AC UNIT - 5*Inverter (2.0 TR)	EACH	8		
Rate In Words:					
16.5	Supply, Installation, Testing and Commissioning hard copper refrigerant pipes with supports, fitting etc. for Hi-Wall Split units.				
	1 TR/1.5 TR/2.0 TR	RM	70		
Rate In Words:					
16.6	Drain Piping				
	Supply & Fixing of hard drawn PVC drain piping complete with fittings, supports, 6mm thick closed cell elastomeric insulation				
	25 mm	RM	100		

Rate In Words:					
16.7	Supply installation testing and commissioning of interconnecting communication cable from indoor to outdoor enclosed with hard PVC conduit with necessary support	RM	60		
Rate In Words:					
16.8	Supply & fixing of Outdoor Stand (wall mounted/ceiling mounted) with Vibration Isolator V.I. pad. ISI Mark.	EACH	14		
Rate In Words:					
17	EPABX System				
17.1	Supply, installation, testing and commissioning of EPABX system for minimum 24 lines with wiring, hardware, and software and making it integrated with existing landline connections. (Make: Siemens, Panasonic, Matrix)	NO	1		
Rate In Words:					
17.2	Providing and fixing Analogue Telephone instrument (With Caller ID) as per BSNL specifications (Make: Beetel, Siemens, Panasonic, Alcatel)	EACH	24		
Rate In Words:					
17.3	Supplying, Installation, testing and commissioning of the telephone point with the followings -				
	Two pair, 0.5 sq mm telephone cable tinned copper conductor, P.V.C. insulated and sheathed , fire retarding, anti termite, color coded twisted pairs and rip cord.				
	HMS Pvc pipe on beam /column / wall / flooretc with all necessary materials i/c connections, identification by numbering etc complete as required as per I.T.D. specification				
	Single outlet with shutter modular type Telephone Outlets (RJ – 11) with suitable size PVC modular boxes complete as required .	EACH	24		
Rate In Words:					
17.4	Providing and fixing 30 pair KRONE make telephone tag block with 30 pair module with termination and crimping complete and making good the surface as required/ directed.	NO	1		
Rate In Words:					
TOTAL, in figures (B) =					
TOTAL , in words (B) =					

(C) FIRE DETECTION AND ALARM SYSTEM

S/N	DESCRIPTION	UNIT	QTY	UNIT RATE	TOTAL AMOUNT
1	PANELS				
a)	SITC of Microprocessor based 4 Zone conventional fire alarm control panel 2 hours battery backup with batteries charger. Make AGNI	Each	1		
Rate In Words:					
b)	SITC of optical type LED, self-diagnostic conventional smoke detector with base. Make AGNI	Each	40		
Rate In Words:					
c)	SITC of rise cum fixed temperature type conventional heat detector with base. Make AGNI	Each	8		
Rate In Words:					
d)	SITC of Glass break type manual call point with chrome plate chamber and chain. Make AGNI	Each	2		
Rate In Words:					
e)	SITC of Electronic hooter alarm/evacuation signal. Make AGNI	Each	2		
Rate In Words:					
2	2core 1.5 sq. mm armoured cable	RM	190		
Rate In Words:					
TOTAL, in figures (C) =					
TOTAL , in words (C) =					

FINAL SUMMARY SHEET

Note: The rates quoted shall be inclusive all and excluding GST.

S. No.	WORKS	TOTAL AMOUNT, IN RUPEES
A	INTERIOR FURNISHING & CIVIL WORKS	
B	ELECTRICAL WORKS	
C	FIRE DETECTION AND ALARM SYSTEM	
	FINAL AMOUNT =	₹

Total amount in Words: Rupees _____

_____ **Only**

Note :-

- 1) The quotation should be as per the format supplied. Offers in any other format will not be evaluated / accepted.
- 2) The vendor must take care in filling price information in the commercial version, to ensure that there are no typographical or arithmetic errors. All fields must be filled up correctly.
- 3) In case of any discrepancy between unit price and total price of an item, the unit price will prevail. Similarly, in case of error in the sum of various items, the correct sum will be calculated by the addition of total prices of each item.
- 4) Total Rate/Amount / Cost should be inclusive of all taxes EXCLUDING GST, labour, transport if any except octroi / local levies if any will be paid at actual against submission of receipt of payments of the same.
- 5) GST will be paid extra as applicable.

Place:

Date:

SIGNATURE OF CONTRACTOR WITH SEAL