

<u>QUOTATIONS & SPECIFICATIONS</u>				
<u>INTERIOR WORKS</u>				
1	<u>PARTITION</u>			
a	<u>PARTIALLY GLAZED PARTITION</u>			
	Providing and fixing at site Partly glazed wooden partition with 2" x 2" pine wood/ hard wood section to be fixed as a frame to the partition placed at 2' x 3' c/c, the frame is to be sandwich with 6.0mm commercial ply from both the sides and to be finised with approved shade of 1.0mm laminated finish, the middle portion of the parititon to have larger openings (as per the drawing) with 12.0mm glass with approved itching pattern. All the exposed edges to be finished with steam wood beadings properly polished to match the existing shade of laminates. The cost of partition shall include all labour, materilas, etc complete.	132.66	sqft	
b	<u>SOLID / OPAQUE PARTITION</u>	500.29	sqft	
	Providing and fixing at site Opaque wooden partition with 2" x 2" pine wood/ hard wood section to be fixed as a frame to the partition placed at 2' x 3' c/c, the frame is to be sandwich with 6.0mm commercial ply from both the sides and to be finised with approved shade of 1.0mm laminated finish, the middle portion of the parititon to have larger openings (as per the drawing). All the exposed edges to be finished with steam wood beadings properly polished to match the existing shade of laminates. The cost of partition shall include all labour, materilas, etc complete.			
2	<u>DOOR OF PARTITION</u>			
a	<u>DOOR FOR GLAZED PARTITIONS</u>	21.00	sqft	
	Providing & fixing at site 35 mm thick flush doors shutters of approved make to be laminated on both faces with 1.0 mm thick laminate of approved colour & make with 35 x 5mm steam beach wood beading on edges of door. The door is to be fixed to main frame made with 4" heavy duty brass hinges The glass portion is 8 mm. thick float glass with itching.All edges of the door shall have steam beech wooden beading propoerly polished to match the existing laminated finish. door closer, mortice locks, door stoppers, handles all accessories, labour etc. complete.			
b	<u>DOOR FOR OPAQUE PARTITIONS</u>	17.50	sqft	
	Providing & fixing at site 35 mm thick flush doors shutters of approved make to be laminated on both faces with 1.0 mm thick laminate of approved colour & make with 35 x 5mm steam beach wood beading on edges of door. The door is to be fixed to main frame made with 4" heavy duty brass hinges.All edges of the door shall have steam beech wooden beading propoerly polished to match the existing laminated finish. door closer, mortice locks, door stoppers, handles all accessories, labour etc. complete.			
3	<u>STORAGE</u>	300.00	sqft	
	Providing and fixing at site storage cabinet fully covered from all sides and 16" deep including necessary shelves as per the design and specifications with openable shutters made up of 19mm BWP ply, The rear portion is to be closed with 8.0mm ply. Front of the cabinet is to be finished with 1.0mm thick laminate with approved pattern with different colour laminated finish of approved shade & colour with Proper Steam Beachmoulding, beadings, and different colour laminate as per pattern in shutters and in skirting strictly as per the design, pattern, including all necessary fittings, such as locks,handles. The inside portion is to be			

	finished with .8 laminate. The cost shall include all materials, labour, accessories etc complete.				
4	<u>FALSE CEILING</u>				
	<u>GYP SUM CEILING</u>	623.60	sqft		
	Providing and fixing gypsum false ceiling. in 12.5mm thick Gypboard (POP) plain false ceiling with GI suspended from RCC slab/ Beam as approved by Bank/ Architect including G.I. Parameter Channels of size 0.55 mm thick having one flange of 20mm and another flange of 30mm and web of 27mm along with parameter of ceiling,screw fixed, to the brick wall / partition with the help of nylon sleeves and screws at 600mm C/C. The suspended G.I. Intermediate channels of size 45 x 0.9 mm thick with two flanges of 15mm each from the soffit at 1200mm C/C with GI cleats and steel expansion fasteners. Ceiling sections of 0.55mm thick having web of 51.5mm and two flanges of 26mm each with lips of 10.5mm are then fixed to intermediate channel with help of connecting clips and in direction perpendicular to intermediate channel at 457 mm C/C. 12.5mm Tapered edge Gypboard channel at 457mm C/C in both the directions screwed fixed to the ceiling sectionwith 25mm dry wall screws at 230mm C/C screw, fixing is done mechanically with drilling machine and suitable attachment. Finally the boards are to be jointed and finished with jointing compound, paper tape andtwo coats of top Coat, suitable for Gypboard (As recommended practice of India Gyp.) For light fittings incutouts etc are to be made with a frame of parameter channels of size 20 x 27 x 30 x 0.5mm thick supported suitably. Angle beads, edge bends, control joints as required to be provided. The quoted rates to include allthe above items, ceiling to be painted with minimum two coats of plastic emulsion paint including base preparation. etc. complete.				
	<u>ARMSTRONG CEILING</u>	772.00	sqft		
	Providing and fixing of false ceiling at all heights of 600mmx600mmx12mm armstrong mineral fiber ceiling tiles of type IBIZA RH-90 laid on armstrong prelude XL exposed grid systems with 9mm wide T Section flanges colour white. The frame work comprise of main runner spaced at 1200mm centers securely fixed to the structural soffit approved hangers at 1200mm maximum centers. Hangers (GI wire) to be fixed by approved roof plug and screws etc. The last hanger at the end of each main runner should not be greater than 450mm from the adjacent wall. flush fitting 1200mm along cross tees (with double stitching) to be interlocked between main runners at 600mm c/ c to form 1200x600mm modules. Cut cross tees longer than 600mm to be supported independently. 600mmx600mm modules to be formed by fittings 600mm long flush fitting cross tees centrally between the 1200mm cross tees. Perimeter trim to be armstrong wall angle secured to				
5	<u>PANELLING</u>				
	<u>WALL PANELLING</u>	1359.44	sqft		
	Providing and fixing at site column paneling with IInd class steam beach wood 2" x 1.25" battens to be fixed over column as per the requirement to be finished with 9.0mm BWP Grade ply finished with Mettalic colour laminated finished with given design. The cost shall include all materials, labour etc complete.				
6	<u>MISCLLANEOUS</u>				
7	<u>Furnitures</u>				

	Providing & fixing of table with or without key board tray with table body of 18mm, 12mm & 6mm thk ply wood. Table top & shutters of 19mm thk block board & 1.0mm thk laminate. One drawer fixed on drawer slider, one shuttered shelf & a readymade metallic key board tray having the under sliding mouse tray must be fixed under the table top as & where required. Multipurpose locks & handles must be fixed in drawers & shutters. One PVC cable manager on the working top, a foot rest of 19mm thk block board & a CPU carrier must also be fixed on the footrest level. The table top & all other surfaces must be covered with laminates. All inner surfaces must be finished with one coat of primer & three coats of synthetic enamel paint. All the edges / corners must be protected with 6mm thk teak wood plain bead.4” high skirting of 12mm thk plywood must be fixed to all the exposed outer surfaces of the table & must be covered with laminate. The top edge of the skirting must be protected with 12mmX12mm quarter round of teak woolling machine and suitable attachment. Finally the boards are to be jointed				
a	<u>BM table</u>	1.00	Nos		
b	<u>officers tables</u>	5.00	Nos		
c	<u>Side Credenza</u>	6.00	Nos		
d	<u>Reception table</u>	1.00	Nos		
g	<u>Center Table</u>	1	Nos		
	Providing Center Table for Living Room & Common Room of minimum size 3'-6"X3'-6" X1'6" base in 19mm ply board (Duro/Uniplymake) finished in veneer (Duro/Uniply make) of approved color, make and texture(polished in matte melamine finish. The base shall have nylon shoes.				
g	<u>Sofa</u>				
	Providing Two Seater Sofa (Type-i) of minimum size (5'-3"(L) x 2'-9"(Depth) x 1'-6" (seat height.)x2'3"(fixed back rest) (3'-3" with removable cushions (back rest) with basic framework made in first class Hollock/Mirandi wood (kiln seasoned and chemically treated,), the base for sofa cushions to be made a layer of steel Springs uniformly distributed across the length and breadth of sofa framework supported on frame of hillock wood and base of ply and jute layer , gaps to be filled with coir of foam fillers and top layer to be made of a class jute sheet encompassing min. 50mm foam (Sleepwell/Kurlon make)				
a	<u>3seater</u>	2.00	Nos		
b	<u>1 seater</u>	1.00	Nos		
g	<u>CHAIRS</u>				
	Executive High back chair overall size 600*520*950 mm. Chair to come in high quality pu leather . Chair to stand on a five star chrome base with five number twin wheel swivel castors and a durable height				

	Dismantling of existing walls, door frames, door panels, existing furnitures, electrical conduites, etc and disposal of same as per instructions.				
b	BRICK MASNORY	135.13	cuft		
	Brick work with modular well burnt clay brick of crushing strength not less than 35kg/sqcm and water absorption not more than 20% in cement mortar 1: 4 (1 cement : 4 coarse sand).				
c	PLASTER WORK	784.04	sqft		
	Providing and making 12mm thick cement plaster of mix in cement mortar 1:4 (1 cement : 4 fine sand)				
d	DISTEMPERING WORK	2154.13	sqft		
	Providing & applying two or more coats of approved paints on walls i/c coats of primer, scaffoldings, scraping, preparing surface, cleaning the areas after painting, i/c all operations from sand papering, filling the cracks, putty etc. as per manufacturer's specifications & as per the instructions of architect. (Asian/Neerolac/ICI Dulux/British)				
e	Providing and fixing 600x450 mm beveled edge 4mm mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	2.00	each		
f	Providing and fixing vitreous china wash basin with C.I. brackets, 32 mm C.P. brass waste of standard pattern, including painting of brackets, cutting and making good the walls wherever required White Oval or round size 550x400mm.	2.00	each		
g	Provision for hapric brushes etc	1.00	each		
TOTAL FOR CIVIL WORKS					
ELECTRICAL WORKS					
S.NO	ITEM AND SPECIFICATION	QTY	UNIT	RATE	AMOUNT
	POINT WIRING				

	The rates for the point wiring shall include providing and fixing of following:				
a.	Wiring of the point of any length from distribution board to point outlet excluding circuit wiring				
b.	Earthing of all switch box and all outlet boxes fitting, fans, 3rd pin of plug with 1.50mm copper wire.				
c.	Modular Switch/ Sockets of Standard make with necessary modular series cover plate and MS Boxes				
d.	All SP MCB's, MCCB & TPN should be of "C Series"				
e.	Embedding all conduits in walls laying in slabs, above false ceiling or in floors including all accessories as required, cutting and refilling the chases with cement mortar .				
f.	Providing, fixing Modular switches, sockets, M.S. boxes (1.6mm thick) draw boxes, G.I. Pull wires (where required), brass screws, ceiling rose/connector etc.				
g.	Adopting separate and independent system of wiring for lighting, power (normal and essential supply). Wiring for following points using PVC insulated copper conductor wires of 650V/1100V grade in 16 SWG M.S. conduit stove enameled concealed/ exposed including switches & sockets as above.				
	INTERNAL WIRING				
1	POINT WIRING :				
	S/I/T/C for light point / Exhaust fan point / Call bell point etc with 1.5 sq mm PVC insulated copper conductor single core multi stranded wire in 16 swg stove enameled rigid steel 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 holder etc including 1.5 sqmm PVC insulated copper earth wire etc complete as required. Wire colors : Red, Black, Green .				
	Light point controlled by one switch.	60	Nos.		
	Fan point controlled by one switch with stepped electronic regulator as required.	4	Nos		
2	CIRCUIT WIRING FOR LIGHT BOARDS :				
	S/I/T/C for Lighting circuit with 2 x 2.5 + 1 x 1.5 sq mm PVC insulated copper conductor single core multi stranded wire in 16 swg stove enameled rigid steel 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 (average length of circuit taken as. (12-15) M	6	Nos.		
3	6 AMP. POINTS ON SAME BOARD :				
	S/I/T/C 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	6	Nos.		
4	16 AMP. POWER POINTS:				
	S/I/T/C 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 X 2.5 sqmm + 1 X 1.5 sqmm PVC insulated copper conductor single core multi stranded wire in 16 swg stove enameled rigid steel 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.	8	Nos.		
5	AC POINTS :				
	S/I/T/C of the surface / recess mounting distribution board with 20 A plug and socket, with 20 A SP MCB Incl. wiring with 2 X 4.0 sq mm + 1 X 2.5 sqmm PVC insulated copper conductor single core multi stranded wire in 16 swg stove enameled rigid steel 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	5	Nos.		

	<u>PANELS AND D.B.'s</u>			
	incl. all connection ,earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as directed.			
1	<u>MAIN PANEL :</u>			
	S/I/T/C of totally enclosed compartmentalized dust and vermin proof cubical segregated and modular in construction M.V. panel board wall mounted fabricated with 14swg and 16swg of CRCA M.S.sheet duly painted with two coat of metal red oxide and two coat of fire resistance paint at inside and out side of the panel, bus-bar chamber ,outgoing switchgear etc (all feeder unit Would be compart mentalized), color coded PVC sleeved vertical / horizontal busbar of required size of length, (bus-bar distances shall be minimum 32 mm) insulators, hardware, neoprene gasket , hinged door, interconnecting single core multi strand lugged copper wire having current density of 2A / sqmm of suitable capacity & size with lugs from busbar to switchgears / mccb / mcb or where ever required, two earthing terminal busbar of size 25 x 5 mm with nut & bolts at out side of the panel , rating and name plates for all incoming & outgoing , two eye two nos eye bolts,wire mesh jali for ventilation etc comprising with the followings			
	NOTE:-			
	Sheet 16 swg : panel sides,upper,lower,and Ft.doors			
	Sheet 16 swg : back side and compartments.			
	Glande plates : 3 mm thick.			
	Cable entry : Provision at bottom and upper sides.			
	Inside the panel : white colour paint.			
	Outside the panel : Grey colour paint.or as directed.			
	INCOMER			
	1 Nos 110 Amp MCB, 25 KA- 4 Pole			
	1 Nos – 100 A TPN insulated Copper Bus Bar			
	1 Nos-100 Amp Onload Manual change over switch			
	Set of Indicator Lamps			
	Set of Voltmeter + Ammeter+ Selector Switch			
	OUTGOINGS			
	4 Nos- 63, Amp TPMCB			
	SET AS ABOVE	1	Nos	
2	<u>LIGHT DISTRIBUTION BOARD</u>			
	S/I/T/C of the surface / recess mounting following way MCB three phase distribution board for single phase outgoing with IP 42 protection , direct on wall incl. the followings accessories			
	INCOMER			
	1 No. TPMCB 40 Amp			
	OUTGOINGS			
	05-06 Nos SPMCB 6-10 Amp			
	SET AS ABOVE	1	Nos	
3	<u>AC DISTRIBUTION BOARD</u>			
	S/I/T/C of the surface / recess mounting following way MCB three phase distribution board for single phase outgoing with IP 42 protection , direct on wall incl. the followings accessories			
	INCOMER			
	1 No. TPMCB 40 Amp			
	OUTGOINGS			
	3 Nos SPMCB 25 Amp			
	SET AS ABOVE	1	Nos	

	<u>UPS WIRING</u>			
1	U.P.S. DISTRIBUTION BOARD (INCOMER)			
	S/I/T/C of the surface / recess mounting following way Double door MCB D.B.- Single phase distribution board (Consumer unit) for single phase out going with IP 42 protection incl. the followings accessories – incl. Electrical connection ,earthing, making good all the damages, painting, cleaning the site, etc complete as per site requirement and as			
	INCOMER			
	1 NOS 40 A TPNMCB			
	OUTGOINGS			
	2 Nos- 40 Amp SPN			
	SET AS ABOVE	1	Nos	
	<u>UPS DIST. BOARD OUTGOINGS.</u>			
	1 NOS 12 WAY SPN DIST BOARD			
	1 Nos- 40 Amp SPN			
	05-06 NOS 6 AMP SPMCB			
	SET AS ABOVE	1	Nos	
2	SPECIAL POINTS: (UPS) any length			
	S/I/T/C of following Modular type switch socket with cover plate , sheet steel box etc on surface / concealed manner I/c electrical wiring with 2 X 2.5 sq mm + 1 X 1.5 sq mm PVC insulated copper conductor single core multi stranded wire in rigid 16 swg stove enameled rigid steel 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			
	3 Nos. 6 A Switch + 3 Nos. 6 A, 5 pin Socket.	10	Nos.	
3	<u>EARTHING</u>			
	Supply and laying of 6.0 sqmm PVC insulated copper wire from earth station to main panel board in 16 G MS conduit including all materials,	30	Mtrs.	
	<u>CABLING :</u>			
1	L.T.CABLES :			
	S/I/T/C of the following 1100 volt grade pvc insulated Al / Cu. Conductor armored cable inner and outer sheathed , along with the two run of G.I.earth wire i/c termination with brass gland and Al. lugs etc.			
	On surface :			
	Cable on wall/column/beam/ceiling/above false ceiling/existing trench etc incl. s/f of of saddles/spacers (wherever required as per site conditions) and two run of G.I. earth wire along with the cable. Making			
	4 C x 10.0 sqmm armored copper cable with 10 SWG 2 Nos G.I. wire	45	Mtrs.	
	TELEPHONE WIRING / CABLING SYSTEM.			
	TELEPHONE POINT :			
1	S/I/T/C of the telephone point with the followings -			
	Double outlet with shutter modular type Telephone Outlets (RJ – 11) with suitable size M.S./ PVC modular boxes complete as required .	1	Nos.	
	Single outlet with shutter modular type Telephone Outlets (RJ – 11) with suitable size M.S./ PVC modular boxes complete as required .	8	Nos.	
	TOTAL FOR ELECTRICAL WORKS			
	<u>COMPUTER CABLING SYSTEM</u>			
	COMPUTER POINT : I / O's :			
1	S/I/T/C of the Computer point with the following	18	Nos.	

	Four pair STP CAT 6 LAN Cable tinned copper conductor, PVC insulaed and sheathed, fire retarding, anti termite, color coded twisted pais and rip cord				
	HMS PVC Pipe on beam/column/wall/floor etc with all necessary materials i/c connections, identification by numbering etc complete as required as per AT & T specification				
	Single outlet with shutter modular type I/O's outlets (RJ-45) with suitable size MS/PVC modular boxes as required make D-LINK				
<u>2</u>	S/I/T/C of patch cords STP-CAT 6 complete with connectors and boots on both side - 2mtr length D-LINK	18	Nos.		
<u>3</u>	S/I/T/C of four pair STP-CAT 6 LAN Cable i/c cost of 25mm dia 1.5mm thick PVC conduit/Floor trunking make D-LINKcomplete with connectors and boots on both side - 2mtr length D-LINK	300	Mtrs		
<u>4</u>	Testing of STP cabling with scanner for all the nodes	1	Nos.		
<u>5</u>	Providing and fixing in position Router	1	Nos.		
<u>6</u>	S/I/T/C of 24 port Switch ,make D-Link/Cisco,100/1000 (CAT6) complete as req.	1	Nos.		
<u>7</u>	S/I/T/C of 12-U rack (D-Link make) , complete as required	1	Nos.		
	TOTAL FOR COMPUTER NETWORKING				
	<u>ELECTRICAL FITTINGS</u>				
	S/I/T & C of Recess mounted decorative luminaire with square parabolic metalised louvre in metallic frame, held securely to the main body by four toggles, epoxy white powder coated CRCA sheet steel housing , electrochemical brightened, polished and anodized aluminium mirror reflector, Prewired with vacuum pressure impregnated copper ballast , push fit pin holders and mains connector, PL lamp, starter, P.F.				
<u>1</u>	<u>2 X 2 LED</u>				
	36 W recess mounted LED flat panel	24	Nos.		
<u>2</u>	<u>15 W Down lighter</u>				
	15 W recess mounted LED flat panel	40	Nos.		
<u>3</u>	<u>1 X 28 (T-5)LED</u>				
	1X28 W T-5 Batten fitting i/c electronic choke Havels/CG/Bajaj	6	Nos.		
<u>4</u>	<u>CEILING FAN DOUBLE BALL BEARING</u>	4	Nos.		
	Ceiling fan (Brilliant white) 1400 mm sweep. CG/Havells/Bajaj				
<u>5</u>	<u>EXHAUST FAN</u>	2	Nos		
	Single phase Exhaust Fan continuously rated, capacitor start and run type, totally enclosed and ruggedly built, per-lubricated double ball bearing, copper wounded, A & E class insulation, dynamically balanced, below 40 db sound level etc. a) 300mm sweep, 900 r.p.m. exhaust fan.				
<u>6</u>	<u>WALL BRACKET FAN</u>	18	Nos.		
	Wall bracket fan white (400mm blade size) Havels/CG/Bajaj				
	TOTAL FOR ELECTRICAL FIXTURES				
	<u>AIR CONDITIONING WORK</u>				
	<u>1.5 tr SPLIT AC</u>				
	S/I/T/C at site 1.5 TR split airconditioner unit (5 star rated) having one compressor, i/c indoor unit with fan, copper cooling & condensor coil, power saving rotatory compressor, etc inclusive of excise duty. MAKE: VOLTAS/ CARRIER/Blue star	1	Each		
	<u>1.0 tr SPLIT AC</u>	2	Each		
	<u>STABILIZER</u>				

	5 KVA for 2.0 TR split unit make Nucleus/ V-guard/ Capri	3	Each		
	<u>ALLIED WORK FOR AIR CONDITIONING</u>				
	<u>Cu PIPE</u>				
	S/I/T/C at site having thickness 20 guage Copper pipe having diameter 1/2" & 1/4" piping with 12mm rubber sleeve i/c making & finishing of holes in walls, chiseling & finishing.	15	R Mtr		
	<u>DRAIN PIPE</u>				
	40mm rigid PVC drain pipe	15	R Mtr		
	<u>STAND</u>				
	Mounting arrangements for ductable units comprising anchor fastner,	3	Each		
	TOTAL FOR AIRCONDITIONING WORKS				