



CHENNAI.

**TENDER FOR PROPOSED OFFICE INTERIOR, ELECTRICAL &
AIR-CONDITIONING WORKS RELATED TO SHIFTING OF OUR
PARK TOWN BRANCH AT CHENNAI.**

PART – B – Price bid

CONSULTANTS : FOARCONS

Forum Architectural Consultants
Ganga flats, no-3/2 Nakkirar street,
West mambalam, Chennai – 600 033.
Ph: 24812179, 9381034445
Fax: 24812182.

LIST OF APPROVED MAKE OF MATERIALS FOR INTERIOR WORKS

UNLESS OTHERWISE SPECIFIED IN THE BOQ. THE APPROVED BRANDS FOR VARIOUS MATERIALS SHALL BE AS FOLLOWS:

1	MR Grade plywood	Green ply, Century ply, Archid ply & Mayur ply
2	Pre laminated MDF Boards	Green ply, Century ply & Merinolam
3	Lamination 1mm & 0.8mm thick	Sunmica & Merinolam
4	Hardware (Screws, Nails, Stays etc.)	Earl Bihari / Efficient Gadgets / Imex
5	Aluminum Extrusions	Jindal or Equivalent brand
6	Drawer slides	Godrej /Ebco/Hettich/Sleek
7	Mortise and Multipurpose lock	Godrej / Ebco
8	Door Closers	Godrej / Dorma / Hardwyn / Ebco
9	Floor Springs	Dorma / Hardwyn / Ozone
10	Handles	Godrej / Dorma / Ebco
11	Adhesive	Fevicol SH
12	Glass Panels	Saint Gobain and Modi float
13	Teak wood	1 st Quality Of Teak wood
14	Duco paint	Asian/ Nerolac
15	Gypsum Board False Ceiling and Gypsum board partition	Saint-Gobain “Gyproc” and GI Sections
16	Flush Doors	Century ply, Archid ply and Oswil,
17	Vertical Blinds	Alta Vista and Marvel

**LIST OF APPROVED MAKE OF MATERIALS FOR ELECTRICAL & AC WORKS
UNLESS OTHERWISE SPECIFIED IN THE BOQ. THE APPROVED BRANDS FOR VARIOUS
MATERIALS SHALL BE AS FOLLO**

ELECTRICAL WORKS		
1	Lt/Ht UG Cables	Anchor, Orbit and Finolex
2	Cable Glands & Cable Lugs	Anchor, Orbit and Finolex
3	MCBs/MCCBs/DBs	Legrand and Hager
4	Metal clad Plug & Socket	Legrand and Hager
5	Automatic Phase Shifter	Swift
6	Data sockets	D-Link and Anchor Penta
7	Telephone Sockets	Anchor Penta
8	PVC Conduits	Bajaj, Avon plast, Finolex, Supreme
9	FRLS PVC Copper Wires	Anchor, Orbit and Finolex
10	Switches & Sockets	Anchor Penta
11	Light fittings	Elenserve
12	Wall Mounted/Ceiling Fans	Crompton Greaves
13	Exhaust Fans	Almonard
14	Telephone Cables	Anchor, Orbit and Finolex
15	Data cables	D-Link
AC WORKS		
1	Spit AC Indoor and Outdoor	A) Carrier SUPERIA make 1 & 2 ton 5 star rated and 2 ton 4 star rated B) Blue Star 5star rated model nos-5HW24MA/5HW12SA
2	Copper pipes	ISI standard
3	Stabilizer	Everest
4	PVC Pipes	Bajaj, Avon plast, Finolex, Supreme
5	Outdoor unit stand	ISI standard
6	Power cable	Anchor, Orbit and Finolex

NOTES:

- Equivalent means equivalent in the opinion of architect/office engineer, and every materials to be get approval from architect/office engineer in the form of **material checklist**, it is filled by the contractor before starting the work and it should be verified by the supervisor at site.
- Advance/final bills are in same format of bill of quantities with measurements sheet.
- Single line format bills for advance/ final payment shell be not be acceptable.
- Any changes in the drawing or required for the site with conformation of architect / office engineer.
- If additional works required apart from the tender. Those items to be prepared with rate analyses

BILL OF QUANTITY FOR PROPOSED OFFICE INTERIOR WORKS RELATED TO SHIFTING OF OUR PARK TOWN BRANCH UNITED INDIA INSURANCE CHENNAI REGION					
S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
INTERIOR WORKS					
1	Branch Manager table (5'6" length, 2'6" width and 2'6" height) Table Top to be made with 25mm thick Bothside Prelaminated MDF board (One side main colour and other side balancing white) and 18mm thick Bothside Prelaminated MDF board (One side main colour and other side balancing white) to be used for frame work and fixed with all necessary hardwares like clamps, screws, adhesive, nails and etc. Understructure of the table to be finished with one keyboard tray, one side one drawer, one openable storage, CPU stand and footrest. Key board tray and drawer telescopic slides make of godrej / ebco / hettich / sleek only others not accepted. Table edges to be finished with 2mm thick Machine pressed PVC edge band of approved shade and colour. Necessary hardwares such as locks, hinges, handles, Clamps, screws and wire manager are approved make. Cost include 8mm bronze glass for table top with edge machine polish. Cost include wastages, transports, loading, unloading charges, labours, materials, tools, lead, lift, all taxes & duties and etc. Complete as per drawings and instructions of the Architect.	1	No		
2	Officer's table of size (5'0" length, 2'6" width and 2'6" height). Same as above without table top glass. Complete as per drawings and instructions of the Architect.	2	Nos		
3	Staff's table of size (4'0" length, 2'6" width and 2'6" height). Same as above without table top glass. Complete as per drawings and instructions of the Architect.	20	Rft		
4	Cash table (4'0" length, 2'6" width and 2'6" height) Table Top to be made with 25mm thick Bothside Prelaminated MDF board (One side main colour and other side balancing white) and 18mm thick Bothside Prelaminated MDF board (One side main colour and other side balancing white) to be used for frame work and fixed with all necessary hardwares like clamps, screws, adhesive, nails and etc. Understructure of the table to be finished with one keyboard tray, one side three drawers, CPU stand and footrest. Key board tray and drawer telescopic slides make of godrej / ebco / hettich / sleek only others not accepted. Table edges to be finished with 2mm thick Machine pressed PVC edge band of approved shade and colour. Necessary hardwares such as locks, hinges, handles, Clamps, screws and wire manager are approved make. Cost include 12mm plain glass with edge machine polish for front side of the counter with all necessary fixing accessories like "D" brackets, screws, nails, adhesives and etc. Cost include wastages, transports, loading, unloading charges, labours, materials, tools, lead, lift, all taxes & duties and etc. Complete as per drawings and instructions of the Architect.	1	No		

**BILL OF QUANTITY FOR PROPOSED OFFICE INTERIOR WORKS RELATED TO SHIFTING
OF OUR PARK TOWN BRANCH UNITED INDIA INSURANCE CHENNAI REGION**

S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
INTERIOR WORKS					
5	Sub Staff table (4'0" length, 2'0" width and 2'6" height) Table Top to be made with 25mm thick Bothside Prelaminated MDF board (One side main colour and other side balancing white) and 18mm thick Bothside Prelaminated MDF board (One side main colour and other side balancing white) to be used for frame work and fixed with all necessary hardwares like clamps, screws, adhesive, nails and etc. Understructure of the table to be finished with one drawer and footrest. Drawer telescopic slides make of godrej / ebco / hettich / sleek only others not accepted. Table edges to be finished with 2mm thick Machine pressed PVC edge band of approved shade and colour. Necessary hardwares such as locks, hinges, handles, Clamps, screws and wire manager are approved make. Cost include wastages, transports, loading, unloading charges, labours, materials, tools, lead, lift, all taxes & duties and etc. Complete as per drawings and instructions of the Architect.	1	No		
6	Side unit - (3'0"length, 1'4" width and 2'6"height) Providing and fixing Side Unit for BM and Officer made with 25mm thick Bothside prelamnated MDF board for top (One side main colour and other side balancing white) and 18mm thick bothside prelamnated MDF board (One side main colour and other side balancing white) for frame work with 18mm thick bothside prelamnated MDF board (One side main colour and other side balancing white) for sliding doors with all necessary fixing accessories, arrangements and etc. 6mm thick bothside prelaminted MDF board (Both side balancing white) to be used for back side of the side unit. Side unit edges to be finished with 2mm thick Machine pressed PVC edge band of approved shade and colour. Necessary hardwares such as locks, sliding wheels, handles, Clamps, screws and wire manager are approved make. Cost include wastages, transports, loading, unloading charges, labours, materials, tools, lead, lift, all taxes & duties and etc. Complete as per drawings and instructions of the Architect.	3	Nos		

BILL OF QUANTITY FOR PROPOSED OFFICE INTERIOR WORKS RELATED TO SHIFTING OF OUR PARK TOWN BRANCH UNITED INDIA INSURANCE CHENNAI REGION					
S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
INTERIOR WORKS					
7	<p>Full height Glazed partition (height 8'6" or ceiling height) with Anodized Aluminium frame work, heavy sections (2mm thickness) of 2"x1", spacing of 2'0"x2'0" covered with 6mm thick plywood finished with 1mm thick laminate of approved shade and colour on both sides. Above 1'0" or 2'6" or 3'0" height partition, fixed with 8mm clear glass and teak wood beading finished with duco paint to match with laminate colour. Clear glass shall be finished with frosted film sticking over the glass of approved pattern. Rate to include providing cut-outs and provisions to run electrical conduits, switches and etc. Rate also include 1no of 32mm Solid Core Flush door with sizes of 3'0"X7'0" fixed with 3"x1.5" teak wood frame work fixed in the partition and finished with duco paint to match with laminate colour. Door finished with 1mm thick laminate with approved shade, colour and pattern and 8mm glass fixed with teak wood beading with duco paint. Cost also include necessary hardware's like locks, door closure, handles, hinges, door stopper and etc. Cost include wastages, transports, loading, unloading charges, labours, materials, tools, lead, lift, all taxes & duties and etc. Complete as per drawings and instructions of the Architect.</p>	190	Sft		
8	<p>Solid Full height Gypsum Board partition (height 8'6" or ceiling height) made with frame work of G.I heavy sections of approved thickness to be fixed in the wall, ceiling, column and floor, spacing of 2'0"x2'0" and covered with 12.5mm thick gypboard finished with putty and two coat of acrylic emulsion in both side approved shade and colour. The partition both side shall be putty finished and sanded to form clean and homogeneous surface. Rate to include providing cut-outs and provisions to run electrical conduits, switches and etc. Rate also include 3 nos of 32mm Solid Core Flush door with sizes of 3'0"X7'0", fixed with 3"x1.5" teak wood frame work fixed in the partition and finished with duco paint to match with laminate colour. Door finished with 1mm thick laminate with approved shade, colour and pattern and 8mm glass fixed with teak wood beading with duco paint. Cost also include necessary hardware's like locks, door closure, handles, hinges, door stopper and etc. Cost include wastages, transports, loading, unloading charges, labours, materials, tools, lead, lift, all taxes & duties and etc. Complete as per drawings and instructions of the Architect.</p>	360	Sft		

BILL OF QUANTITY FOR PROPOSED OFFICE INTERIOR WORKS RELATED TO SHIFTING OF OUR PARK TOWN BRANCH UNITED INDIA INSURANCE CHENNAI REGION					
S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
INTERIOR WORKS					
9	4'0" Half height partition made with Anodized Aluminium frame work, heavy sections (2mm thickness) of 2"x1", spacing of 2'0"x2'0" covered with 6mm thick plywood finished with 1mm thick laminate of approved shade and colour on both sides. Above 2'6" to 4'0" height partition, fixed with 12mm thick clear plain glass with edge machine polish. Glass to be fixed with SS "D" bracket. Clear glass shall be finished with frosted film sticking over the glass of approved pattern. Partition edges to be finished with Teak wood beading and duco paint to match with laminate colour. Rate to include providing cut-outs and provisions to run electrical conduits, switches and etc. Cost also include necessary hardware's like nails, screws, adhesive and etc. Cost include wastages, transports, loading, unloading charges, labours, materials, tools, lead, lift, all taxes & duties and etc. Complete as per drawings and instructions of the Architect.	100	Sft		
10	False ceiling- Gypboard finish Supplying and Erecting Saint Gobain Gyproc Gypboard false ceiling at different heights with saint gobain framework of G.I. Section (of medium thickness) of spacing 4'0"x2'0" above with 12.5mm gypboard shall be fixed with all necessary fixing accessories, arrangements and etc. Rate shall include cut-outs for lights, ac and etc. Provision for hidden lighting arrangements as per drawings. The ceiling shall be putty finished and sanded to form clean and homogeneous surface. Cost include hidden lighting arrangements and etc. Rate to include painting two coats of acrylic emulsion of approved colour after necessary preparation, one coat of primer, full putty and etc. Cost include all necessary hardwares like nails, screws, wastages, transports, loading, unloading charges, labours, lead, lift, all taxes & duties, materials, tools and etc. Complete as per drawings and instructions of the Architect.	600	Sft		
11	Main Door for Branch Entrance – (size of the door 3'6"x7'0"x1no) Supplying and fixing of Branch Main door to be made with Powder coated Aluminium frames for door shutter and door frame fixed with 8mm plain glass with necessary Powder Coated Aluminium beadings. Frame size as per manufactures specification of medium range. Glass to be finished with 20mm wide itching of approved design. Cost include of necessary hardwares like floor spring, 2'0" stainless steel door handle, door closure, hinges and locks of approved make. Cost include wastages, transports, loading, unloading charges, labours, materials, tools, lead, lift, all taxes & duties and etc. Complete as per drawings and instructions of the Architect.	25	Sft		

BILL OF QUANTITY FOR PROPOSED OFFICE INTERIOR & ELECTRICAL WORKS RELATED TO SHIFTING OF OUR PARK TOWN BRANCH UNITED INDIA INSURANCE CHENNAI REGION

S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
INTERIOR WORKS					
12	Vertical Blinds- Supplying and fixing Vertical blinds for windows with all necessary fixing accessories, arrangements and etc. Cost include beaded chain, fabric and etc. Make Alta vista and Marvel. Cost include wastages, transports, loading, unloading charges, labours, materials, tools, lead, lift, all taxes & duties and etc. Complete as per instructions of the Architect.	90	Sft		
13	Column Panelling- Panelling to be made with Anodized Aluminium frame work, heavy sections (2mm thickness) of 2"x1", covered with 6mm commercial plywood and skirting to be finished in 1mm thick laminate of approved shade and colour. Cost include all necessary hardwares screws, clamps and etc. Rate to include providing cutouts and provisions to run electrical conduits, switches etc. Cost include wastages, transports, loading, unloading charges, labours, materials, tools, lead, lift, all taxes & duties and etc. Complete as per drawings and instructions of the Architect.	60	Sft		
INTERIOR WORKS TOTAL					
ELECTRICAL WORKS					
A MAIN DISTRIBUTION BOARD					
1	Supplying and Erection of 4W Vertical TPN MCCB DB with 125A 4P MCCB ,16 KA with 2nos 40A/63A TP MCB's and 6 nos of 10A/20A/25A/32A SP MCB's with suitable steel enclosure with all necessary fixing accessories, arrangements and etc. The DB should be IP 43 metallic double door type. Cost include screws, Cutting, plastering and concealed or open in the wall and etc. For MAIN DB	1	SET		
2	Supplying and Erection of 8 way SPN MCB DB with 63A 2P MCB incoming and outgoing with 6 Nos of 10A SP MCB's with suitable steel enclosures with all necessary fixing accessories, arrangements and etc. The DB should be IP 43 metallic double door type. Cost include screws, Cutting, plastering and concealed or open in the wall and etc. For UPS DB.	1	SET		
3	Supplying and erection 63A 4P MCB with suitable powder coated steel sheet enclosure for 5KVA UPS input. Cost include screws, Cutting, plastering and concealed or open in the wall and etc.	1	SET		

BILL OF QUANTITY FOR PROPOSED OFFICE ELECTRICAL WORKS RELATED TO SHIFTING OF OUR PARK TOWN BRANCH UNITED INDIA INSURANCE CHENNAI REGION					
S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
ELECTRICAL WORKS					
B POWER CABLE & TERMINATION					
1	Supply and laying of 3.5 Core 35 sq.mm Armoured Aluminium cable to be fixed in the walls, columns, slabs, beams and partitions with all necessary fixing accessories and arrangements. Cost include all Clamps, screws, junctions, wastages, clippings, Cutting, plastering and concealed or open in manner slab/wall and etc.	30	RM		
2	Supply and laying of 4 Core 16 sq.mm Armoured Aluminium cable to be fixed in the walls, columns, slabs, beams and partitions with all necessary fixing accessories and arrangements. Cost include all Clamps, screws, junctions, wastages, clippings, Cutting, plastering and concealed or open in manner slab/wall and etc.	15	RM		
3	Supply and laying end termination for 3.5 Core 35 sq.mm Armoured Aluminium cable. Cost include all necessary hardwares lugs, glands and etc.	2	NOS		
4	Supply and laying end termination for 4 Core 16 sq.mm Armoured Aluminium cable. Cost include all necessary hardwares lugs, glands and etc.	4	NOS		
C PHASE SHIFTERS					
1	Providing and fixing 63A automatic phase shifter 3phase in single phase out switch for UPS. Cost include screws, Cutting, plastering and concealed or open in the wall and etc. (SWIFT make)	1	NO		
2	Providing and fixing 40A automatic phase shifter 3phase in & out switch for lighting DB. Cost include screws, Cutting, plastering and concealed or open in the wall and etc. (SWIFT make)	1	NO		
D LIGHT POINTS WIRING					
1	Wiring to light points using with 3 runs of 1.5 sqmm FRLS PVC insulated multistrand copper conductor wire with suitable PVC conduit pipe with fixing accessories. The unit rate for switch board and further to point outlet including all hardwares and connector strips. Outlet including all hardware like outlet boxes, switch plates, switch board, switches and wire conduits. Cost include all bends, clamps, screws, junctions, clippings, Cutting, plastering and concealed or open in manner slab/wall/ partitions and etc. (Make wires - Anchor, Orbit and finolex FRLS wiring, ANCHOR PENTA SWITCHES)	35	PTS		
	a) One light Controlled by One Switch	35	PTS		
	b) 6A Switch box Sockets and Switch in the switch board itself	5	PTS		

BILL OF QUANTITY FOR PROPOSED OFFICE ELECTRICAL WORKS RELATED TO SHIFTING OF OUR PARK TOWN BRANCH UNITED INDIA INSURANCE CHENNAI REGION					
S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
ELECTRICAL WORKS					
2	Supplying and Laying of 2 runs of 2.5 sqmm FRLS PVC insulated multistraud copper conductor wire with 1 run 1.5 sqmm copper wire as earth wire with suitable PVC conduit pipe with necessary fixing accessories for 15amps sockets/circuit mains. Cost include all bends, clamps, screws, junctions, clippings, wire conduits, Cutting, plastering and concealed or open in manner slab/wall/ partitions and etc. (Make wires - ANCHOR, ORBIT AND FINOLEX FRLS wiring)	400	RM		
3	Supplying and Laying of 2 runs of 4 sqmm FRLS PVC insulated multistraud copper conductor wire with 1 run 2.5 sqmm copper wire as earth wire with suitable conduit pipe with necessary fixing accessories etc. Cost include all bends, clamps, screws, junctions, clippings, Cutting, plastering wire conduits and concealed or open in manner slab/wall/partitions and etc. AC wiring. (Make wires - ANCHOR, ORBIT AND FINOLEX FRLS wiring)	75	RM		
4	Supplying and Laying of 4 runs of 10 sqmm FRLS PVC insulated multistraud copper conductor wire with 2 runs 4 sqmm copper wire as earth wire with suitable conduit pipe with necessary fixing accessories etc. Cost include all bends, clamps, screws, junctions, clippings, wire conduits and concealed or open in manner slab/wall/partitions and etc. from 4Pole to UPS. (Make wires - ANCHOR, ORBIT AND FINOLEX FRLS wiring)	25	RM		
5	Supplying and Laying of 2 runs of 10 sqmm FRLS PVC insulated multistraud copper conductor wire with 1run 4 sqmm copper wire as earth wire with suitable conduit pipe with necessary fixing accessories etc. Cost include all bends, clamps, screws, junctions, clippings, wire conduits and concealed or open in manner slab/wall/partitions and etc. from UPS to UPS DB. (Make wires - ANCHOR, ORBIT AND FINOLEX FRLS wiring)	30	RM		
E POWER POINTS OUTLETS					
1	Supply and Erection of 5A 3 pin socket 3 in no's and 5A switches 3 in no's with suitable metal or plastic surface mounted box. Cost include all hardwares, screws , internal wiring and etc. (make ANCHOR PENTA)	12	SETS		
2	Supplying and Erection of 15A 3 pin socket 1 in no's and 15A switch 1 in no's with suitable metal or plastic surface mounted box. Cost include all hardwares, screws, internal wiring and etc. (make ANCHOR PENTA)	4	SETS		

BILL OF QUANTITY FOR PROPOSED OFFICE ELECTRICAL WORKS RELATED TO SHIFTING OF OUR PARK TOWN BRANCH UNITED INDIA INSURANCE CHENNAI REGION					
S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
ELECTRICAL WORKS					
3	Supplying and Erection of 5A 3 pin socket 1 in no's and 5A switch 1 in no's with suitable metal or plastic surface mounted box. Cost include all hardwares, screws, internal wiring and etc. (make ANCHOR PENTA)	20	SETS		
4	Supply and fixing of 20A/25A/32A 3 pin metal clad plug and socket with 1 no 20A Sp/ 25A Sp/ 32A Sp MCB with with suitable anodised sheet steel enclosure with fixing accessories etc. Cost include all hardwares, screws, internal wiring and etc.	3	SETS		
F LIGHT FIXTURES					
1	Supplying and fixing LED Full Glow 2'0"x2'0" light fixture make of "elenserve full glow 39 watts" with all necessary fixing accessories, arrangements and etc. The size of the fixture as per the manufacturers standards and specifications. Unit – nos. Cost include all necessary accessories like anchor fastner, tools, all taxes & duties, hardwares, lead, lift, loading, unloading charges, transport and etc. (elenserve LED Full Glow make of ELFG39SQI-EL)	11	NOS		
3	Supplying and Erection 1x18w sleek linear LED box fittings to be fixed in the wall with all necessary fixing accessories, arrangements and etc. Cost include all hardwares, screws, clamps and etc. (elenserve LED linear baton lights of ELBT18)	7	NOS		
4	Providing and fixing 48" Ceiling fan of approved make to be fixed in ceiling with hanging rods, accessories and electronic regulator. Cost include all hardwares, hanging rods, regulator, screws, clamps and etc. Fan make & model to be approved by bank engineer/architect. Make Crompton Creaves	2	NOS		
5	Providing and fixing wall mounted fans of approved make to be fixed in wall or partition with electronic regulator. Cost include all hardwares, screws, clamps and etc. Fan make & model to be approved by bank engineer/architect. Make Crompton Creaves	7	NOS		
6	Providing and fixing 9" exhaust fan of approved make for ups and bath rooms to be fixed in grills or walls. Cost include all hardwares, screws, clamps and etc. Fan make & model to be approved by bank engineer/architect. Make Almonard.	3	NOS		
G EARTING					
1	Galaxy Maintenance Free Earthling Model No: GAL-502 Single Pipe Electrode (47mm dia pipe 2mtr long with moisture booster of 25 kg bag 1 No). Cost include 1'0"x1'0"x1'6" brick work chamber and 1'0"x1'0" RCC manhole with handle. Complete as per instructions of the Architect.	1	NOS		

BILL OF QUANTITY FOR PROPOSED OFFICE ELECTRICAL WORKS RELATED TO SHIFTING OF OUR PARK TOWN BRANCH UNITED INDIA INSURANCE CHENNAI REGION					
S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
ELECTRICAL WORKS					
2	Supply and Laying 10 sq.mm FRLS PVC insulated copper cable and PVC conduits for UPS earth. Cost include all bends, clamps, screws, junctions, clippings, wire conduits, wastages and concealed or open in manner slab/wall/partitions and etc. Complete as per instructions of the Architect.	30	RM		
H DATA CABLING					
1	Supplying and fixing E-CAT6 cable with PVC conduit pipe from server to each computers including proper termination and marking with tags. Cost include all bends, clamps, screws, junctions, clippings and concealed or open in manner slab/wall/partitions and etc. (Make - D-LINK)	350	RM		
2	Supply, Installation, Testing and Commisioing of Modular type 1Nos of RJ45 Female Jack housed in PVC surface box with suitable Faceplate fixing the same in the wall/partitions with all accessories etc.	12	SET		
I TELECOMMUNICATION					
1	Supply and laying of 2 pair telephone cable telecom box to EPABX system with suitable PVC conduit pipe. Cost include all bends, clamps, screws, junctions, clippings and concealed or open in manner slab/wall/ partitions and etc.	300	RM		
2	Supply, Installation, Testing and Commisioing of Modular type 1Nos of RJ11 in PVC surface box with suitable Faceplate fixing the same in the wall/partitions with all accessories etc.	10	SET		
3	Supply and laying of 10 pair telephone cable krone connector to EPABX system with suitable PVC conduit pipe. Cost include all bends, clamps, screws, junctions, clippings and concealed or open in manner slab/wall/ partitions and etc.	25	RM		
4	Supply and Fixing of 10 pair krone connector with enclosure. Cost include fixing all hardwares and accessories.	1	NO		
ELECTRICAL WORKS TOTAL					

**BILL OF QUANTITY FOR PROPOSED OFFICE AC WORKS RELATED TO SHIFTING OF OUR
PARK TOWN BRANCH UNITED INDIA INSURANCE CHENNAI REGION**

S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
AIRCONDITIONING WORKS					
1	Providing and Fixing Air-Conditioners split type including piping, installation with all necessary fixing accessories, arrangements and etc. Rate shall be inclusive of Sales-tax, octroi and all other taxes. High wall split Airconditioners with cordless remote of Carrier SUPERIA make 1 & 2 ton 5 star rated and 2 ton 4 star rated make/ Blue Star 5star rated model nos-5HW24MA/5HW12SA make. Copper pipe of required length of upto 3 RM. The basic rate of A/C with all components to be quoted. Unit – rate per unit. Cost include all fixings accessories like touch-up plastering for neat finish, brackets, clamps, screws, wastages, lead, lift, tools, transport, loading, unloading charges, labour charges, scaffolding, gas charges and etc. Complete as per drawings and instructions of the Architect.				
	a) for 1.0 ton unit (Carrier 5star rated /Blue Star 5star rated)	1	No		
	b) for 2.0 ton unit (Carrier 4star rated /Blue Star 5star rated)	2	Nos		
2	Supply and Fixing of Wall mounted Outdoor unit Stand with all fixing accessories, arrangements and etc. Cost include all accessories like screws, bolts, washers, anchor fastners and etc.	3	Nos		
3	Supply, installing, testing and commissioning of 4/5 KVA stabilizer for All split Hiwall Units with all necessary fixing accessories, arrangements and etc. Cost include all fixings accessories like screws, lead, lift, tools, transport, loading, unloading charges, labour charges, all taxes & duties and etc. (Everest make)	3	Nos		
4	Split AC Refrigerant Piping: (over than 3mts piping) Supply, Installation and testing of hard drawn, soft refrigerant piping size of 12mm/6mm suctions/liquids lines with Separation tube . The brazing to be Carried out with bleeding of nitrogen . The copper pipe to be insulated with 9mm thick/9mm thick Nitrile Rubber. Cost include all fixings accessories like Copper pipe concealed charges wherever required as per site conditions, wall cutting charges with special cutters, touch-up plastering for neat finish, brackets, clamps, screws, wastages, lead, lift, tools, transport, loading, unloading charges, labour charges, scaffolding, all taxes & duties, gas charges and etc. Complete as per drawings and instructions of the Architect.	18	Rm		

**BILL OF QUANTITY FOR PROPOSED OFFICE AC WORKS RELATED TO SHIFTING OF OUR
PARK TOWN BRANCH UNITED INDIA INSURANCE CHENNAI REGION**

S.N	DESCRIPTIONS	QTY	UNIT	RATE	AMOUNT
AIRCONDITIONING WORKS					
5	Supply, Laying and Testing of Power Cable between Indoor unit to Outdoor unit to be laied by using PVC Conduits of approved size, thickness and make. Cost include all fixing accessories like bends, clamps, screws, power cable concealed charges wherever required as per site conditions, wall cutting charges with special cutters, touch-up plastering for neat finish, hardwares, wastages, lead, lift, tools, transport, loading, unloading charges, labour charges, scaffolding, all taxes & duties and etc.	20	Rm		
6	Supplying and fixing Drain Out pipe to be provided from Indoor AC units to Outdoor drainage with 25mm PVC pipe fixed with all necessary fixing accessories, arrangements and etc. Cost include all fixings accessories like Drain pipe concealed charges in the wall wherever required as per site conditions, wall cutting charges with special cutters, touch-up plastering for neat finish, brackets, clamps, screws, wastages, lead, lift, tools, transport, loading, unloading charges, labour charges, scaffolding, all taxes & duties, bends, joints, ladder and etc. Complete as per drawings and instructions of the Architect.	20	Rm		
AIRCONDITIONING WORKS TOTAL					

SUMMARY	
INTERIOR WORKS TOTAL	
ELECTRICAL WORKS TOTAL	
AIRCONDITIONING WORKS TOTAL	
GRAND TOTAL	