

<b>INDEX:</b>
1) ZM HEAD CABIN -01 No
2) D.Z.M CABIN -01 No
3) CH MANAGER CUBICAL -05 No's
4) RECEPTION / SECURITY -01 No
5) WORK STATION -27 No's
<b>TOTAL STAFF ..... = 27 No's.</b>
6) MEETING ROOM - 45 Pax.
7) SUB STAFF -01 No's
8) LUNCH/ PANTRY ROOM -01 No
9) STAFF TOILE(L+G+ZM+AGM):
10) UPS -01 No            2+1+1+1 WC
11) RAPC CABIN -01 No
12) RECORD ROOM -01 No
<b>TOTAL AREA = 3671 Sft.</b>

1. THIS DRAWINGS IS THE PROPERTY OF THE ARCHITECT AND SHALL NOT BE COPIED WITHOUT HIS PERMISSION.  
 2. DISCREPANCIES FOUND IN THE DRAWING SHALL BE BROUGHT TO THE ARCHITECT'S NOTICE IMMEDIATELY.  
 3. DRAWINGS SHALL BE READ AND SHOULD NOT BE SCALED.

**PROJECT :**

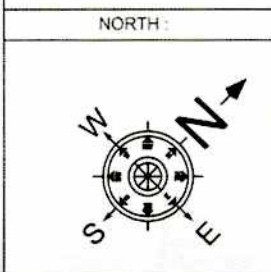
**PROPOSED INTERIOR'S FOR  
 INDIAN BANK  
 NEW ZONAL OFFICE  
 MALKAJGIRI ZO  
 AT KUKATPALLY.**

**DRG TITLE :**

**INTERIOR LAYOUT PLAN  
 SECOND FLOOR**

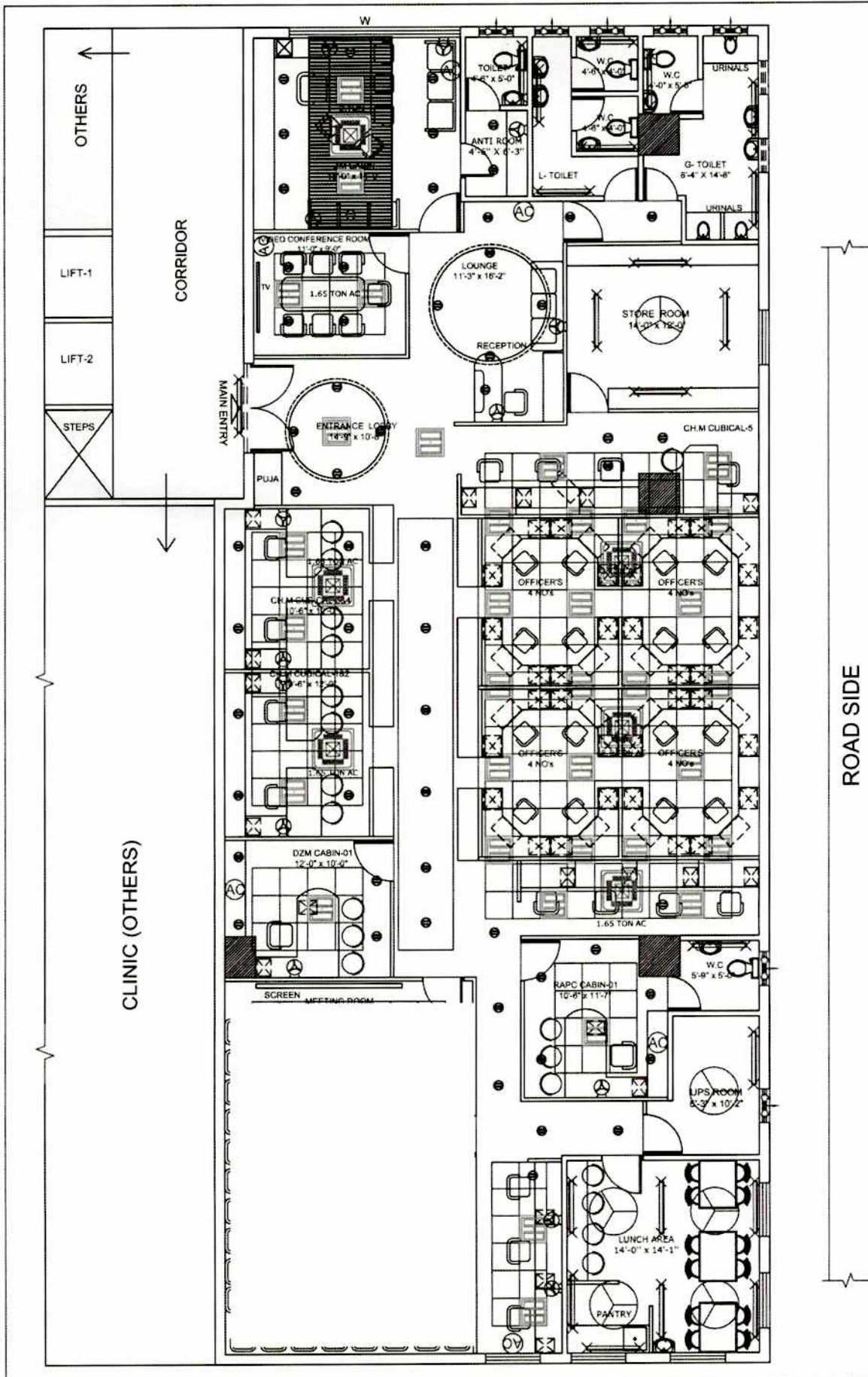
DESIGNED BY: FA  
 DRAWN BY: GHAYAN  
 CHECKED BY: FA  
 DATE : 15-11-2025  
 SCALE : NTS

**OPTION - 13 (A)**



**ARCHITECT:**

**FIROZ AHMED, M.Arch.,**  
 H.NO 13-6-436/A/33,  
 LAKSHMI APARTMENTS,  
 2nd FLOOR, 301, LAKSHMI NAGAR  
 PILLAR NO.68, MEHIDIPATNAM,  
 HYDERABAD-028.  
 CELL: 98481 49737



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10) UPS -01 No            2+1+1+1 WC
11) R.A.P.C CABIN -01 No
12) RECORD ROOM -01 No
<b>TOTAL AREA = 3671 Sq.</b>

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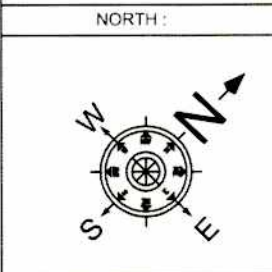
**PROPOSED INTERIOR'S FOR  
 INDIAN BANK  
 NEW ZONAL OFFICE  
 MALKAJGIRI ZO  
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**DRG TITLE :**

**INTERIOR LAYOUT PLAN  
 SECOND FLOOR**

DESIGNED BY: FA  
 DRAWN BY: GHAYAN  
 CHECKED BY: FA  
 DATE: 17-11-2025  
 SCALE: NTS

**OPTION - 13**

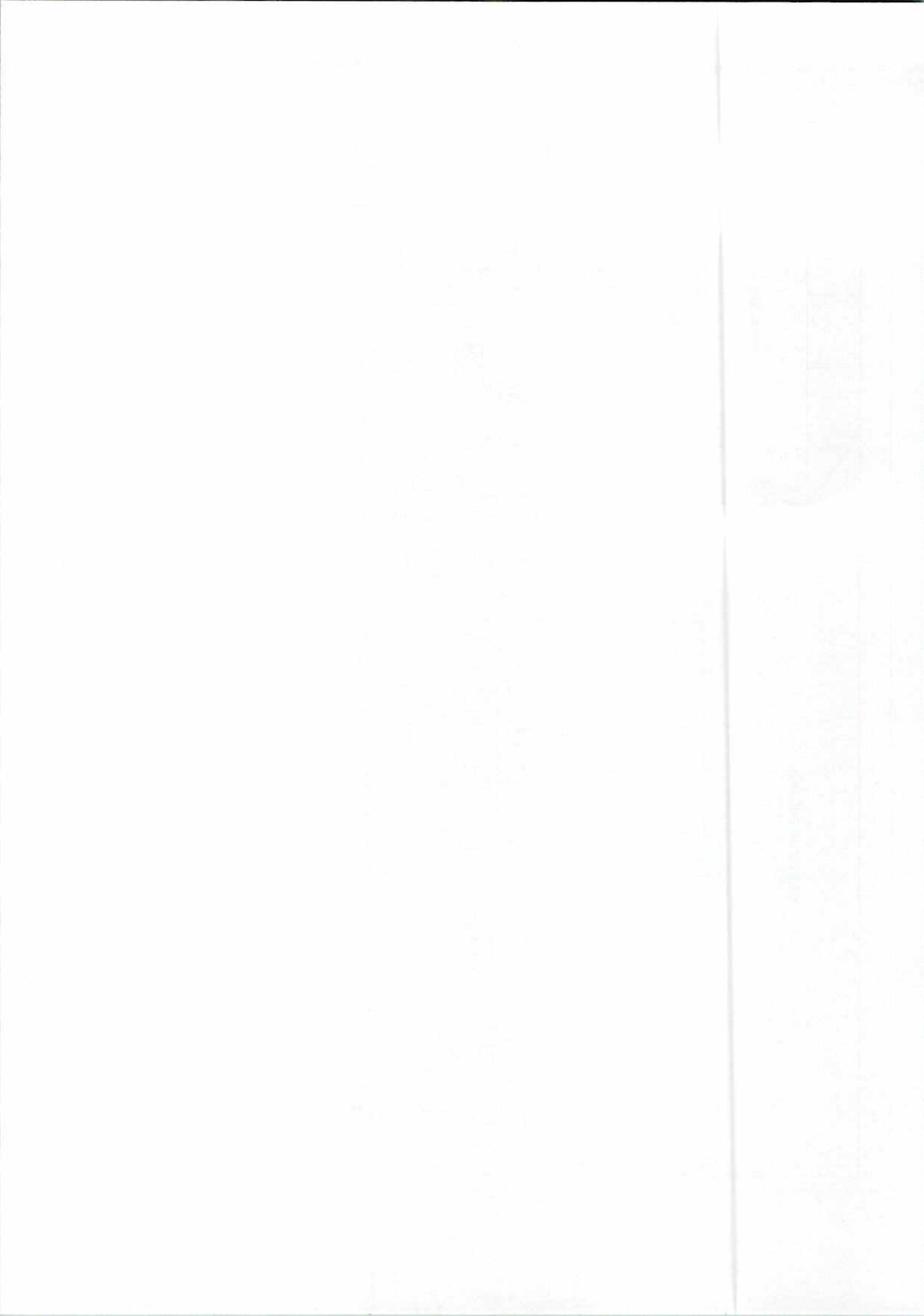


**ARCHITECT:**

**FIROZ AHMED, M.Arch.,**

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 LAKSHMI APARTMENTS,  
 2nd FLOOR, 301, LAKSHMI NAGAR  
 PILLAR NO.68, MEHIDIPATNAM,  
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 CELL: 98481 49737

ROAD SIDE



S.No.	Item	Qty.	Unit	Rate in Rs.	Amount (Rs.P)
<b>A</b>	<b>INTERIOR FURNISHING (CONTRACT WORK)</b>				
<b>1</b>	<b>Providing and fixing ENTRANCE DOOR (WITH TOUGHENED GLASS)</b> Shall be 2'-6" wide Double leaf glass shutter. Door shutter made up of 12mm thick SGG SECURIT/AIS STRONGLAS- impact resistance glass with pencil polish edges all around. Etching details for glass door as per design, floor spring, bottom lock, SS brushed handle of 2'0" long 1" dia on both sides. refer section-5 for specifications, patch fittings etc. as directed by Bank / Architect. complete as shown in drawing. (Bank logo to be etched on glass shutter and other etching to be done on fixed glass as shown in the drg.)				
	a. Main Entrance Door	43.00	Sft		
	b. Lobby Fixed Partition	20.00	Sft		
<b>2</b>	Providing and fixing <b>FULL HEIGHT PARTITION with (Half GLASS</b> in double skin of 9mm thk.BWR grade ply with 1.0mm thk shell finish laminate on both sides fixed to natural melamine polished Beach wood bottom, middle and top rail of 3" x 2" and concealed Salwood verticals of 2" x 2" at not more than 4'-0" apart including fitting door frame where indicated with beach wood frame of 4" x 2" complete as shown in drawing. shall be of natural melamine polished beach wood, above 3'-0" with 6mm plain float glass with etching fixed to 2"x3" beach wood Vertical/ horizontals and 12mmx12mm BW beading, all in natural melamine mate polished, incl. fitting door frame where indicated with beach wood frame of 4" x 2" complete as shown in drawing. (Verticals to go upto the RCC roof for support, but measurement rate shall be made only upto the false ceiling only and shall not incl. the door shutter which is a seperate item).	176.00	Sft		
<b>3</b>	Providing and fixing <b>FULL HEIGHT PARTITION with (Full GLASS)</b> in double skin of 9mm thk.BWR grade ply with 1.0mm thk shell finish laminate on both sides fixed to natural melamine polished Beach wood bottom, middle and top rail of 3" x 2" and concealed Salwood verticals of 2" x 2" at not more than 4'-0" apart including fitting door frame where indicated with beach wood frame of 4" x 2" complete as shown in drawing. shall be of natural melamine polished beach wood, above 3'-0" with 6mm plain float glass with etching fixed to 2"x3" beach wood Vertical/ horizontals and 12mmx12mm BW beading, all in natural melamine mate polished, incl. fitting door frame where indicated with beach wood frame of 4" x 2" complete as shown in drawing. (Verticals to go upto the RCC roof for support, but measurement rate shall be made only upto the false ceiling only and shall not incl. the door shutter which is a seperate item).	460.00	Sft		
<b>4</b>	<b>LOW HEIGHT with DOUBLE SKIN (4'-0" ht.),as per 2 above</b> , with wood based Assam / Andaman teak wood / equivalent solid wood of 50mm x 50mm (2" x2") verticals @ 600mm to 900 mm (2'-0" to 3'-0" ) intervals spacing should not be more than 600mm (2'-0") intervals) with the skin on both sides made up of 9mm BWR ply wood finish with 1.0mm laminates up to 3'-0" ht & above that 14"ht 6mm thk etched glass fixed to 2"x3" beach wood Vertical/ horizontals and 12mmx12mm BW beading, all in natural melamine mate polished Complete as shown in drawing.	650.00	Sft		
<b>5</b>	Providing and fixing <b>FULL HEIGHT PARTITION (Solid)</b> in double skin of 9mm thk.BWR grade ply with 1.0mm thk shell finish laminate on both sides fixed to natural melamine polished Beach wood bottom, middle and top rail of 3" x 2" and concealed Salwood verticals of 2" x 2" at not more than 4'-0" apart including fitting door frame where indicated with beach wood frame of 4" x 2", complete as shown in drawing. (Verticals to go upto the RCC roof for support, but measurement rate shall be made only upto the false ceiling only and shall not incl. the door shutter which is a seperate item).	0.00	Sft		
<b>5a</b>	<b>12mm THICK CALCIUM SILICATE BOARD Partition</b> Providing & fixing Calcium silicate board partitions as per design with 1.0 mm thick G.I. sections of size 50 mm x 32, provided at not more than 600 mm c/c and covered on both sides with 12.5 mm thick gypsum board using self drilling screws at pantry area, UPS room, locker room, store, etc. The partition should withstand its weight. The Joints between the Gypsum board shall be fixed with fiberglass joint mesh and finished with putty..	665.00	Sft		



S.No.	Item	Qty.	Unit	Rate in Rs.	Amount (Rs.P)
6	Providing and fixing <b>ZONAL MANAGER TABLE (8'-0" X 3'-0")</b> as per shape shown in drawing, with side table and 2no.drawer unit in natural melamine polished TW frame of 3"x 1.5" with 18mm thick BWR 303 ply verticals and horizontals with 0.8mm thk shell finish laminate, 12mm thk plain glass on table top as per shape, with wooden beading to all exposed edges of ply,with two coat of synthetic enamel paint incl. all approved accesories like drawer and keyboard sliders, locks, handles etc. with all internal surfaces of the table with 0.8mm thick laminate on plywood after one coat of primer, complete as shown in the drawing.	1.00	No		
7	roviding and fixing <b>DZM / RAPC TABLE (6'-6" X 3'-0")</b> as per shape shown in drawing, with side table and 2no.drawer unit in natural melamine polished TW frame of 3"x 1.5" with 18mm thick BWR 303 ply verticals and horizontals with 0.8mm thk shell finish laminate, 12mm thk plain glass on table top as per shape, with wooden beading to all exposed edges of ply,with two coats of synthetic enamel paint incl. all approved accesories like drawer and keyboard sliders, locks, handles etc. with all internal surfaces of the table with 0.8mm thick laminate on plywood after one coat of primer, complete as shown in the drawing.	2.00	No		
8	<b>FRONT/ BACK OFFICER TABLES (5'-0" X 2'-6") with side table</b> :Officer counter table (curve / stright)of 5'-0" length as per shape shown in drawing, made out of 18 mm 303l ply with edges fixed with 12mm teak wooden lipping, having clerical table top 2'-6" from the ground level & 2'-9" clear top width, with 18mm thk. commercial ply with 1mm thk. laminate, as per shape and size, Each unit shall be provided with a sliding key board tray 2'-3" of wide with sliders, cupboard below the drawer with locking arrangements aluminum handle, brass hinges etc the front back & top surface shall be laminated with 1.0mm thick approved laminate.The internal surface shall be painted with to coats of enamel paint (VANILLACREAM, CODE -3229) of Asian paints, over a coat of primer. Provision for c.p.u stand 1'-0" x2'-0" & footrest of size75mmx 38mm shall be made at the bottom. Wire manager shall be provided at the corner of the counter top. All exposed edges of the block shall be provided with teak wooden beading (3"x1"front side and 1"x 3/4" inner side) and polishing done etc. complete as shown in drawing.	5	Nos.		
9	<b>CLERICAL / OFFICER (5'-0" X 5'-0") L.TYPE table</b> :Table tops of size 1500mm X 750mm (5'-0"X2'-6") made out of 19 mm BWR ply with 1.0mm thk laminated (approved colour and shade), fixed with edges fixed with beach wood lipping, (2'-6") 750mm from the ground level. it will have a side table of size 1050mm X 375mm (3'-6" x 1'-3"). Each unit shall be provided with a sliding key board tray (2'-3") 675mm of wide with telescopic drawer sliders, cupboard below the with locking arrangements SS handle, brass hinges etc the front, back & side surface shall be laminated with 1.0mm thick laminate. The internal surface shall be painted with two coats of enamel paint with approved colour and shade, over a coat of primer. Provision ready made CPU stand, key board & footrest of size 75mmx 38mm shall be made at the bottom. with beach wood, wire manager shall be provided at the corner of the counter top.	16	C.T		
10	<b>WORK STATION TABLE'S (counter-2'-0" wide) With Drawer</b> : counter table (Chanfer / stright) of 4'-6" length as per shape shown in drawing,in natural melamine polished TW frame of 3"x 1.5" with 18mm thick BWR 303 ply verticals and horizontals with 0.8mm thk shell finish laminate, 12mm thk plain glass on table top as per shape, with wooden beading to all exposed edges of ply,with two coats of synthetic enamel paint incl. all approved accesories like drawer and keyboard sliders, locks, handles etc. with all internal surfaces of the table with 0.8mm thick laminate on plywood after one coat of primer, complete as shown ir the drawing	45.00	Rft		
11	<b>RECEPTION Counter</b> :Counter table (curve / stright) of 5'-0"X2'-0" length as per shape shown in drawing, made out of 18 mm commercial ply with edges fixed with 12mm teak wooden lipping, having clerical table top 2'-6" from the ground level & 2'-9" clear top width, with 18mm thk. commercial ply with 1mm thk. laminate, as per shape and size, the front back & top surface shall be laminated with 1.0mm thick approved laminate.The internal surface shall be painted with to coats of enamel paint (VANILLACREAM, CODE -3229) of Asian paints, over a coat of primer. All exposed edges of the block shall be provided with teak wooden beading (3"x1"front side and 1"x 3/4" inner side) and polishing done etc. complete as shown in drawing.	1.00	Nos		

S.No.	Item	Qty.	Unit	Rate in Rs.	Amount (Rs.P)
12	<b>VIDEO CONFERENCE TABLE (6'-0"X 2'-6"):</b> Table as per shape shown in drawing, made out of TW legs (4"X3") verticals (4no) & horizontals (4no) tie up at top, 12mm plain flot with Acid wash etching to be done with edge full rounding smoothly. Provision for footrest of size (3"X3" shall be made at the bottom (-6").. All exposed teak wooden to be matt mellamine polishing to be done etc. complete as shown in drawing.	1.00	Nos.		
13	Providing and fixing <b>SUB STAFF / Printer Table / Cash Counting / Lunch platform..</b> wooden beading in 18mm thick BWR ply with 1.0mm thk shell finish laminate on top fixed to with intermediate spaced not more than 3'-0" apart, complete as shown in the drawing. All exposed ply and wood surfaces with 0.8mm thick laminate, (Measurement will be made as per surface area of table)	18.00	Sft		
14	Providing and fixing <b>GENERAL CUPBOARDS</b> in 18mm thk BWR ply verticals and horizontals with 18mm thk BWR ply shelves with battened shutter in 12mm thk BWR ply with 0.8mm thk shell finish laminate on all external exposed surfaces with shutters fixed with auto closing hinges at not more than 2'-0" apart inclusive all approved accessories like handles, cupboard locks, tower bolts etc., complete as shown in the drawing. All internal exposed ply surfaces with 0.8mm thick Laminate and all exposed edges of ply to be fixed with Wood beading. (Measurement will be made on elevation area of cupboard irrespective of depth)	237.00	Sft		
15	Providing & fixing <b>OPEN display SHELF</b> in ZM/ DZM/ RAPC /Reception Cabin with 18mm thk ply vertical & horizontal 12mm thk plain glass with edge rounding shelf in between as per design 1mm thk laminate or all the exposed surface (outside, inside, side) the cupboard should be 10"/12" deep.	54.00	Sft		
16	Providing and fixing 12 mm th. <b>SOFT BOARD</b> on 12mm th. BWR ply with cloth covering of not less than Rs.250/- per metre, complete incl. painting the rear surface of ply with two coats of synthetic enamel paint and providing TW beading all around.	86.00	Sft		
17	<b>FALSE CEILING</b> :Provided & fixing with Indian <b>gypsum</b> or equivalent suspended false ceiling (in any shape as shown in drawing) which includes providing and fixing G.I perimeter channels of 0.55mm thk having one flange of 20mm & another flange of 30mm & a web of 27mm along the perimeter of the ceiling, screw fixed to the brick wall with the help of nylon sleeves & screws, at 610 mm centers, as per manufacturers spec.s, taping of joints and finishing, finally the board are to be jointed and finished so as have a flush lock which includes filling & finishing tapered square edges of the boards with jointing compound, paper tape and with one coat of lappam perfectly to level the surface complete. complete as shown in drawing.	2,006.00	Sft		
18	<b>FALSE CEILING (GRID)</b> : The grid false ceiling shall be provided in the Banking Hall, Manager's etc. the ceiling height and level shall be provided at the perimeter. The minimum height of the ceiling cavity should be 100mm. All service fittings integrated within the suspended ceiling must be independently supported from the ceiling grid by a structure designed for the purpose. Ceiling tiles: shall be armstrong fine figured classic lite RH99 of 16mm thickness. Suspension system: shall be of armstrong trulok silhouette reveal profile grid system with 15mm flanges incorporating 3mm central recess in global white with black reveal. silhouette main runners and cross tees to have mitred ends and "birdsmouth" notches to provide mitred cruciform junctions.	1,180.00	Sft		
19	Providing and fixing <b>DRAWER UNIT (1'-2"X1'-6"X2'-6"ht.)</b> in 18mm thick BWR 303ply, for drawers verticals and horizontals with 0.8mm thk shell finish laminate on all visable outer surfaces with drawer slides incl. all accssories such as handles, auto closing hinges, single key locking system for drawers, with 0.8mm thick laminate, complete as shown in the drawing.	1.00	Nos.		
20	<b>GLASS PARTITION of work station (1'-9"x1 ht.) above Curve shape</b> as per layout plan (with 12mm thk. glass) fixed to, with edge rounding and side partition with coping on the top at the every edge of the table. complete as shown in drawing.	15.00	Nos		

S.No.	Item	Qty.	Unit	Rate in Rs.	Amount (Rs.P)
21	Providing and fixing water proof solid core <b>FLUSH DOORS</b> shutters 35mm thk (TW wood beading of 0.5" x 1.25" to be provided all around) of approved make as per ISI specifications and 1mm thk shell finish laminate on both sides with vision hole cutting with 6mm thk plain glass as indicated. The shutter shall be fixed to frame work, necessary hardware fittings like brass butt hinges, door closers, mortice locks, lower bolts, handles etc. of approved make, including all incidental and operational charges etc., complete.	120.00	Sft		
22	Providing and fixing <b>GLASS DOOR</b> with SS where indicated to partition frame work in 8mm thk plain float glass fixed in 4"x1.5" top, middle and side rails, 6"x1.5" bottom rail, all in natural melamine polished MT wood including all accessories of approved brand such as floor springs, brushed SS handles, locks, etc. including all incidental and operational charges etc., complete as shown in the drawing.	85.00	Sft		
23	Providing and fixing <b>WALL PANELLING</b> in any shape to columns and walls where indicated with 8mm thk BWR ply fixed to 1" x 2" salwood/ aluminium verticals and horizontals spaced not more than 2'-0" apart in both directions with 1mm thk shell finish laminate at any height, complete as shown in the drawing.	36.00	Sft		
24	<b>Painting to Ceiling &amp; walls with lappam</b> in two coats of Acrylic emulsion paint after appropriate surface preparation of one coat of primer.	1,006.00	Sft		
25	<b>Painting to walls and ceiling</b> with out lappam in two coats of Acrylic emulsion paint after appropriate surface preparation of one coat of primer.	500.00	Sft		
26	<b>Painting to Rolling Shutters</b> in two coats of synthetic enamel paint after appropriate surface preparation of one coat of primer.	140.00	Sft		
27	Providing and fixing <b>covering to rolling shutter</b> and shutters for covering electrical panel board, etc., with 18mm BWR ply with 1mm thick shell finish laminate of approved shade and make including painting of inside with primer and two coats of synthetic enamel paint, and providing teak wood beading to all exposed edges including all accessories hinges, handles, ballcatches, etc., complete.	56.00	Sft		
28	<b>Pantry counter:</b> Providing and fixing Pantry counter with Granite top and storage below ( 4'x 2'x 2'-9"ht.) with a SS. sink of 16"/ 18" and storage with 18mm BWR ply and laminate, complete incl. painting the rear surface of ply with two coats of synthetic enamel paint and providing TW beading all around	16	Sft		
29	<b>DINING TABLE (4'-0"X 2'-6"):</b> Table as per shape shown in drawing, made out of TW legs (4"X3") verticals (4no) & horizontals (4no) tie up at top, 12mm plain flot with Acid wash etching to be done with edge full rounding smoothly. Provision for footrest of size (3"X3") shall be made at the bottom (-6"). All exposed teak wooden to be matt mellamine polishing to be done etc. complete as shown in drawing.	3.00	Nos.		
30	<b>WOODEN CEILING</b> Provided & fixing wooden ceiling with 12mm ply with 1mm laminate, equivalent suspended false ceiling (in any shape as shown in drawing) which includes providing and fixing G.I perimeter channels of 0.55mm thk having one flange of 20mm & another flange of 30mm & a web of 27mm along the perimeter of the ceiling, screw fixed to the brick wall / partition with the help of nylon sleeves & screws, at 610 mm centers. as per manufacturers spec.s, complete as shown in drawing.	88.00	Sft		
31	<b>Enamel Painting For Gypsum board Partition</b> Providing and Applying two or more coats with synthetic enamel paint of approved brand and shade to give an even shade including one or more coats of putty and primer including preparing the surface with sand paper, scaffolding, cost of brushes, curing etc for rolling shutters, grills etc.	670.00	Sft.		
* <b>TOTAL AMOUNT for Interior works Zonal Office (A):</b>					
* <b>Rupees</b>					

Sr. No.	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
<b>1</b>	<b>DISTRIBUTION BOARDS</b>				
	Supply and installation of following size MCB distribution boards with following combination of MCBs as required				
a	<b>MAIN PANEL:</b> <b>INCOMING:</b> MCCB 4P 415 volts 250 Amps rating 25 KA-01 Nos (Thermal based release), 2A, control fuse - 3 Nos, RYB indicating lamps - 1 set, Voltmeter (0-500V) with selector switch - 1 set, Ammeter (0-250A) with selector switch - 1 set, TPN Aluminium busbar of 250A with 25 KA fault level capacity, mounted on non-hygroscopic, glass fibre reinforced insulators-1set <b>OUTGOING:</b> i) MCB 4P 415 V 63 Amps rating 16 KA- 8Nos, ii) MCB 4P 415 V 40 Amps rating 16KA -2 Nos.iii) MCCB 4P 100A rating 25 KA -1 No.	1	no		
b	Supply and installation of 25 KVAR APFC panel, floor/wall mounted front operated totally enclosed vermin proof, indoor non-drawout-cubicle type power panel fabricated out of 2mm thk CRCA sheet having gasketed hinged cover on each cubicle fully powder coated with following accessories i)Incomer: 63A 25KA MCCB ii)Outgoing: 1 No. 10 KVAR,32A TPN MCB with contactor iii)3 no's. 5KVAR 16A TPN MCB WITH Capacitors -----Suitable bus bar for connecting the contactors and MCB's, Capacitors, 1 no. 4 step APFC relay suitable for above arrangement, ON/OFF/TRIP push button for each capacitor , ON/OFF/TRIP indication lamp for each capacitor, 1 Set, RYB, indicating lamps with resistors and fuses for incomer.	1	no		
c	S & I of 250A,FP, Changeover switch in sheet metal enclosure bypass	1	no		
e	3PHASE 6 way TPN (with Double door)- i)Incomer: 63A TPN MCB, ii)Outgoing: 6/10A SP MCB 18 Nos for <b>Lighting/Power db</b>	1	no		
f	3PHASE 4 way TPN (with Double door)- i)Incomer: 63A TPN MCB, ii)Outgoing: 6/10A SP MCB 18 Nos for <b>Lighting/Power db</b>	1	no		
g	1PHASE 8 way SPN - i)Incomer: 40A DP MCB, ii)Outgoing: 6/16A SP MCB 6 Nos for <b>UPS db</b>	1	no		
h	3PHASE 8 way TPN (with Double door)- i)Incomer: 63A TPN MCB, ii)Outgoing: 10/16A SP MCB 24 Nos for <b>AC/LP DB</b>	2	no		
<b>2</b>	<b>ENCLOSURES</b>				
i)	40A TP MCB with weather proof enclouser for UPS Input & OUTPUT	2	no		
ii)	63A TP MCB with weather proof enclouser for AC	2	no		
<b>3</b>	<b>PLUG TOP ARRANGMENT</b>				
i)	Providing 2 meter length of flexible 3core 2.5sqmm multi core copper cable one end connected to <b>plug top 15A</b> and the other connected to the SB inside and a suitable hook arrangement as required for hanging the cable at Record room.	2	Nos.		
<b>4</b>	<b>CABLES</b>				
i)	<b>SUBMAINS</b>				
a	Supply and laying following size 1.1KV grade PVC insulated armoured aluminium/Cu. FRLS conductor under ground cable on the surface of wall, above false ceiling along with 2runs of 12swg GI wire with all installation materials.The cable shall conform to IS 1554 Part- I.scope also includes termination of the cable as required with suitable glands and lugs				
	1)3.5C X 95 Sq.mm AL. Arm cable for MAIN INCOMING	180	mtr		
	3)4C X 16 Sq.mm Cu. Arm Flx cable for TPN DB'S & AC	42	mtr		
	4)4C X 10 Sq.mm Cu. Arm Flx cable for TPN DB'S & AC	44	mtr		
	5)4C X 6 Sq.mm Cu. Arm Flx cable for DB'S	20	mtr		
	6)3C X 4 Sq.mm Cu. Arm cable for Cassette & split single phase Ac's	40	mtr		
	7)4C X 2.5 Sq.mm Cu. Arm cable for Cassette Three phase Ac's	60	mtr		
b	Providing end terminations for following size cables including supply of Compression type cable gland, lugs, insulation tape and identification tags complete with end termination and earthing of gland.				
	1)3.5C X 95 Sq.mm AL. Arm cable for MAIN INCOMING	2	Nos		
	2)3.5C X 35 Sq.mm AL. Arm cable for ACDB INCOMING , MAIN VTPN DB & CAPACITOR PANEL INCOMING	2	Nos		
	3)4C X 10 Sq.mm Cu. Arm Flx cable for TPN DB'S	2	Nos		
	4)4C X 10 Sq.mm Cu. Arm Flx cable for TPN DB'S	2	Nos		
	5)4C X 6 Sq.mm Cu. Arm Flx cable for DB'S	2	Nos		
	6)3C X 4 Sq.mm Cu. Arm cable for Cassette & split single phase Ac's	7	Nos		
	7)4C X 4 Sq.mm Cu. Arm cable for Cassette Three phase Ac's	3	Nos		

Sr. No.	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
	Supply and fixing of 2nos. 6/16A sockets with 1 no16A switch fixed on a suitable module metal box and white front plate (Modular type)with 2runs of 4.0 sq.mm FRLS and 1 run of 2.5sqmm FRLS 1100 V grade PVC insulated multi strand copper conductor wires conforming to IS 694 (with latest amendments) in suitable size PVC conduit of 2mm thick concealed in wall/floor and supply of all fixing materials and accessories,interconnections complete as required for the UPS power primary sockets <b>(DB to Primary point)</b>	4	no		
	<b>TELEPHONE &amp; DATA :</b>				
a	Supply and fixing of RJ 11 Telephone socket with 2 Pair (0.5mm) Telephone Cable From Each Table to Krone Box, this include suitable Surface/concealed box and all required materials this Includes Wiring. Supply and fixing of Suitable PVC Conduits and Cable Numbers to provided.	25	nos.		
b	Supplying and fixing a 20 pair krone connector in a suitable box as required. Mintanance room	1	nos.		
c	Supply and Laying of 4Pair, UTP(Unshielded Twisted Pair) cat6 Lan Cable with Information outlet and Suitable 2mm Thick PVC Pipe Laying Below Flooring/Wall/Slab etc MS Junction Boxes to All Tables, Including all Related Civil Works etc All Cable Numbers to be Provided at both ends	46	nos.		
d	supply & fixing of 7 feet Patch Cords.	46	nos.		
e	supply & fixing of 3 feet Patch Cords.	46	nos.		
f	<b>Supply &amp; Fixing</b> of 24 Port Jack Panel & switch	2	nos.		
g	<b>Supply &amp; Fixing</b> of 9U Rack with Acceries(Self, Power Manager, Cable Manager, Fan etc)	1	nos.		
g	<b>Supply &amp; Fixing</b> of 12U Rack with Acceries(Self, Power Manager, Cable Manager, Fan etc)	1	nos.		
<b>6</b>	<b>SUPPLY AND INSTALLATION OF LIGHTING FIXTURES</b>				
	Supply & Installation of following type Fluorescent / Compact fluorescent / Incandescent light fixtures. The fixtures shall be installed including supply and wiring between Ceiling rose to fixture with supply and laying of 3core 1.5Sq.mm copper flexible cable and fixing of Lamp with all required accessories, support chains & interconnections etc.				
a	Supply & Installation of 15W Led down light fixture. <b>(Havells / Philips:- ENDURANEODLR15WLED840S or Equi)</b> including cost and conveyance of all materials, taxes and all labor charges etc., complete.	40	Nos		
b	Supply & Installation of 12W Led down light fixture. <b>(Havells / Philips:- EDGEPRORDDL12WLED840S or Equi)</b> including cost and conveyance of all materials, taxes and all labor charges etc., complete.	15	Nos		

Sr. No.	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
	8)4C X 4 Sq.mm Cu. Arm cable for Cassette & split single phase Ac's	0	mtr		
c	3core 2.5sqmm Copper Conductor Cable for Glow Sign Board	68	mtr		
ii)	<b>POINT WIRING - LIGHTS &amp; CEILING FANS</b>				
a	Point wiring with 1.5sqmm FRLS 650V grade multistranded PVC insulated copper wire in 2mm thick 25mm dia PVC pipe for lights, fans including supply & fixing of 5 amp modular switch in concealed MS switch box,front plate, 3 plate ceiling rose, and concealed circuit wiring with 3 Nos (P,N,E) 2.5sqmm (DB's to switchboards & switch board to switch boards loopings). and all interconnections as required.	125	pts		
b	Same as above but for secondary points looped from the above	35	pts		
c	Same as point wiring but for the call bell points for the cabins including supply of call bell as required	4	pts		
d	Supply and fixing of 1nos. 6A sockets fixed the switch board with 1 no 6A switch including all interconnections as required for raw power (New Sockets) In Public area	4	no		
iii)	<b>POINT WIRING- WALL MOUNTING FANS :</b>				
	Wiring for the <b>wall mounting fans</b> from the nearest switch board with 1.5sqmm FRLS 650V grade multistranded PVC insulated copper wire in 20mm dia 2mm thick PVC pipe and all interconnections as required including the supply and fixing of 6A modular socket 3" below the false ceiling and 6A switch in the switchboard as required.	28	nos		
5	<b>SOCKETS - RAW :</b>				
a	<b>RAW Socket - 1 x 6A</b>				
i)	Supply and fixing of 1nos. 6A socketsfixed Above the table with 1 no 6A switch fixed above the table on 3 module metal box and white front plate (Modular type)with 2runs of 2.5 sq.mm FRLS and 1 run of 1.5sqmm FRLS 1100 V grade PVC insulated multi strand copper conductor wires conforming to IS 694 (with latest amendments) in 25mm dia PVC conduit of 2mm thick concealed in wall/floor and supply of all fixing materials and accessories,interconnections complete as required for the raw power primary sockets (DB to work stations Primary point)	32	no		
ii)	same as above but looped from nearest Raw Power point (Primary point to Secondary point)	18	no		
b	<b>RAW Socket - 1 x 5/15A</b>				
i)	Supply and fixing of 1nos. 6/16A sockets with 1 no16A switch fixed on a suitable module metal box and white front plate (Modular type) wiring with 2runs of 4.0 sq.mm FRLS and 1 run of 2.5sqmm FRLS 1100 V grade PVC insulated multi strand copper conductor wires conforming to IS 694 (with latest amendments) in suitable size PVC conduit of 2mm thick concealed in wall/floor and supply of all fixing materials and accessories,interconnections complete as required for the raw power primary sockets (DB to Primary point)	6	no		
ii)	same as above but looped from nearest Raw Power point(Primary point to Secondary point)	2	no		
	<b>SOCKETS - UPS:</b>				
a	<b>UPS Socket - 3 x 6A</b>				
i)	Supply and fixing of 3nos. 6A sockets with 1 no 16A switch fixed on a suitable module metal box and white front plate (Modular type) including all interconnections as required(switch shall be fixed above the table with suitable modular front plate /box and sockets shall be fixed below the counters) with 3runs of 2.5 sq.mm FRLS grade 1100 V PVC insulated multi strand copper conductor wires conforming to IS 694 (with latest amendments) in suitable size PVC conduit of 2mm thick concealed in the above ducts in the floor and supply of all fixing materials and accessories,interconnections complete as required for the UPS power sockets. (DB to work stations Primary point)	34	no		
ii)	same as above but looped from nearest UPS Power point (Primary point to Secondary point)	22	no		
b	<b>UPS Socket - 2 x 16A</b>				

Sr. No.	DESCRIPTION	QNTY	UNIT	RATE	AMOUNT
c	Supply & Installation of 34W 2X2 Led Light fixtures ( <b>Havells /Philips- PLUTOSURFACE2X2PLS34WLED840S or Equi</b> ) including cost and conveyance of all materials, taxes and all labor charges etc., complete.	28	Nos		
d	Supply & Installation of 9W Led Wall bracket Light fixtures including cost and conveyance of all materials, taxes and all labor charges etc., complete.	5	Nos		
e	Supply & Installation of 18 W T5 led Light fixtures and giving connections and all labour charges etc., complete for erection. <b>(TITANIASLEEK1149T5DSTL18WLED865SPC - Havels or Equi)</b>	35	Nos		
f)	Recess mounted LED strip light in concealed Aluminium profile / channel (15/17mm wide , with push putton, fixed at ceiling .	20	Rmt.		
f	<b>Wall Mounting Fans</b>				
	Supply and Fixing of wall mounted fans of approved make 400mm Hi flow model.	2	Nos		
g	<b>Ceiling Mounting Fans</b>				
	Supply and fixing of 1200mm (48") size ceiling fan Metallic hi speed Crompton Greves Rivera model with 120W step type regulator (Including 2F lenth down road and Hooks) of approved makewith all connections and anchor fasteners ,fan hooks, down rods etc as required	6	Nos		
<b>7</b>	<b>EARTHING</b>				
a	Providing standard copper plate earth station ,with 600x600x3.15mm thick copper plate, 40mm dia, 2.5 mtr GI pipe with 25X3 copper strips runs on both sides up to top of the earth pit including excavation and construction of brick pedestal providing meshed funnel, CI cover and other Civil works, spreading a homogeneous mixture of salt, charcoal around the plate etc completely as per IS 3043,1987 or latest revision	1	nos		
b	Providing G.I earth station, with 40mm dia, 2500mm long galvanized iron pipe including construction of brick pedestal providing meshed funnel CI cover and other Civil works, spreading a homogenous mixture of salt charcoal around the pipe etc., Completely as per IS 3043,1987 or latest revision.	1	nos		
c	Supply & Laying of 100mmX 25mmX 5mm Copper strip with supporting insulator and holes	1	nos		
<b>8</b>	<b>FLOOR -RACE WAYS: (Separate race ways to be provided for data/voice and power cables)</b>				
a	S & I of floor - raceways consisting of 1 Run of 100x40x 2 mm thick rectangular aluminium anodized box sections including chasing and refilling as per the route shown in the drawing and as approved by consultant at site including clamping at every open pipe ends by suitable plastic end covers against entry of dust or anyother foreign material.	32	mtr		
b	S & I of galvanised floor junction boxes with SS brushed finish 14 SWG ( 2mm Thick) cover properly fixed with screws, for above mentioned raceways , of size 350mm x 350mm x 50 mm depth, fabricated out of 2 mm thick G.I. sheet with proper cutouts on the sides for pipe entry & screwed top cover with rubber gasket and suitable knockouts for flexible conduit outlets as per the drawing enclosed.	2	no.s		
c	S & I of galvanised floor junction boxes with SS brushed finish 14 SWG ( 2mm Thick) cover properly fixed with screws, for above mentioned raceways , of size 250mm x 250mm x 50 mm depth, fabricated out of 2 mm thick G.I. sheet with proper cutouts on the sides for pipe entry & screwed top cover with rubber gasket and suitable knockouts for flexible conduit outlets as per the drawing enclosed.	4	no.s		
d	S & I of galvanised floor junction boxes with SS brushed finish 14 SWG ( 2mm Thick) cover properly fixed with screws, for above mentioned raceways , of size 150mm x 150mm x 50 mm depth, fabricated out of 2 mm thick G.I. sheet with proper cutouts on the sides for pipe entry & screwed top cover with rubber gasket and suitable knockouts for flexible conduit outlets as per the drawing enclosed.	4	no.s		
<b>9</b>	<b>MISCELLENOUS WORK</b>				
a	Supply & Installation of rubber mats of 2000 mm x 600mm & thickness of 10mm				
	1.1 KV Voltage grade.	2	no.s		
<b>GRAND TOTAL</b>					
	<b>Rupees</b>				
	<b>GST EXTRA</b>				

ESTIMATIONS AND SPECIFICATIONS FOR THE PROPOSED INDIAN BANK, MALKAJGIRI ZONAL OFFICE, HYDERABAD.					
S.NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>A</b>	<b>PART - A - HIGH SIDE</b>				
<b>1</b>	Condensing Unit (Outdoor Unit):				
	The condensing unit shall be capable of assessing the requirement of liquid refrigerant flow of each evaporating unit at all times by means of a micro computer control expansion valve and generating the required total flow of refrigerant liquid for supply to the evaporator units. The condensing unit shall be modular type, designed as per Indian atmospheric conditions and should be capable to perform for outside ambient 50 Deg. C. Outdoor Units should be modular in type and should be equipped with DIP IPM type Inverter Scroll Compressor, Inverter with variable speed compressors capable of changing the capacity in accordance to the cooling load requirement with highest COP/EER. Provision of setting External Static Pressure up to 60Pa by on site. Unit COP/EER should be high and designed for cooling operation for highest ambient Temperature as per Indian atmospheric conditions.				
	Set of Outdoor Unit should be able to connect up to 64 Indoor Units. Outdoor unit should consists of DC variable speed motor for condenser fan with minimum 25 steps speed control to reduce input power, auto check function for connection error, auto address setting. Unit should be equipped with a double stage highly efficient oil separation management system to ensure minimum oil entrainment and proper lubrication with high reliability and stable operation with long refrigerant piping. The noise level of the base unit shall be less than 60dB (A) when measured horizontally 1 m away from cover surface and 1.5 m above floor level during night shift. Unit should assess demand function automatically and perform with the help of Central Station. Units having Noise reduction mode will be preferred but must be having back up operation function for emergency to avoid complete stop. Outdoor unit should have feature of Rotation Operation function of Compressor to distribute load.				
	The condenser coil should be with internally grooved Cu tubes, mechanically bonded to super slit aluminum fins. The surface of the condenser coil shall be coated with suitable chemical coating to prevent deterioration due to climate. Outdoor unit must have automatic judgement function to check whether or not the refrigerant amount is sufficient in one refrigerant cycle. Reliable Transmission system should be used between outdoor and indoor units. All necessary safety devices shall be provided to ensure safe operation of the system.				
<b>1.1</b>	14 HP Outdoor Unit	Nos	1		
<b>2</b>	Supply of <b>CASSETTE UNITS</b> type indoor units comprising with pre-filter, fan section with low noise fan multi speed motor, coil section with DX coil, outer cabinet, drain water lift-up mechanism, insulation, pipe connections etc. of various capacities as per specifications and drawings. <b>WITH CORDLESS REMOTE CONTROL</b>				
<b>2.1</b>	1.65 Ton 4way Cassette	Nos	3		
<b>2.2</b>	2.0 Ton 4way Cassette	Nos	2		
<b>2.3</b>	2.5 Ton 4way Cassette	Nos	1		
<b>3</b>	Supply of <b>Hi-WALL UNITS</b> type indoor units comprising with pre-filter, fan section with low noise fan multi speed motor, coil section with DX coil, outer cabinet, insulation, pipe connections of various capacities as per specifications and drawings. <b>WITH CORDLESS REMOTE CONTROL</b>				
<b>3.1</b>	1.5TR Capacity	Nos	2		
<b>4</b>	Refnet Joints for Indoor units FOR BOTH LIQUID & SUCTION LINE. <b>(only one unit will be considered for both suction and liquid lines)</b>	Nos	0		
<b>5</b>	<b>SPLIT TYPE AIR CONDITIONERS</b>				

	1.5 TR wall mounted split unit (Minimum 5-Star rating inverter type) including all necessary fittings and mountings as specified by the manufacturer.	Nos.	3		
	2.0 TR wall mounted split unit (Minimum 5-Star rating inverter type) including all necessary fittings and mountings as specified by the manufacturer.	Nos.	1		
	including all necessary fittings and mountings as specified by the manufacturer (Three phase). ( 5 star or Equivalent energy saving latest model Inverter Type)				
	<b>Total Amount Part -A</b>				
<b>B</b>	<b>LOW SIDE WORKS</b>				
1	Lifting, Shifting, Positioning & Installation of VRF Outdoor units ( 3nos.)	Nos	1		
2	Lifting, Shifting, Positioning, Installation , Commissioning and Testing of VRF Indoor units	Nos	13		
3	Vacuuming the system, Gas filling and topping up with R410-Ozone Friendly and NonCFC Refrigerant, pressure testing and commissioning of above system.	Per / HP	14		
4	Supply & installation of suction & discharge Hard copper Refrigerant piping with proper supports/hangers from ceiling/wall as required at site & approved by consultant & duly insulated with closed cell elastomeric nitrile insulation of 19mm thick for pipes above 1" and 13 mm thick for pipes below 1" as suggested by the manufacturer. <b>(only one length will be considered for both suction and liquid lines)</b>				
4.1	31.75 mm				
4.2	28.58mm				
4.3	25.4mm				
4.4	22.2mm				
4.5	19.05mm				
4.6	15.9mm				
4.7	12.7mm				
4.8	9.37 mm				
4.9	6.35mm				
6	Supply and Erection of hard PVC condensated drain piping with 9mm thick Nitrile insulated including support and wall opening of the following sizes etc..				
6.1	a) 40mm Dia	Rmt	14		
6.2	b) 32mm Dia	Rmt	20		
6.3	c) 25mm Dia	Rmt	80		
7.1	Supply and Laying of Control and communication cable and connecting the VRF IDUs and ODU's (control wiring using 3C X 1.5 Sq.mm shielded copper cable) with PVC conduit	Rmt	166		
8.0	<b>MS Stand</b> for placing outdoor units Outdoor Flat form/stand work for mounting / accessing of Outdoor units for all the above AC units. As per site condition stand should be prepared and should have proper structural Including required scfoholding and civil works strength that shall be done in consultation with Engineer.	Kgs	450		
9.0	<b>AIR-CONDITIONERS STAND</b>				
	<b>Powder coated readymade stands For Hi Wall split units</b>	Nos	4		
10.0	<b>Associated Civil works</b>				
	Chipping ,chasing & Plastering the wall openings in cement mortar 1:6 of 15 mm thick finishing to line and level with sand faced finishing at all levels, including all leads & lifts, scaffolding, curing etc complete (for Copper & Drain openings in all rooms etc.	Lot	1		
	<b>TOTAL AMOUNT -B</b>				
	<b>GRAND TOTAL AMOUNT (PART-A + PART-B)</b>				-
	<b>Note: GST Extra as Applicable</b>				

