

**UNION BANK OF INDIA
RO, GUWAHATI**

NOTICE FOR INVITING TENDERS

ONLY FOR EMPANELLED CONTRACTOR

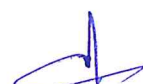
Sealed tenders/offers on items rate/percentage over estimates/cost basis are invited from our empanelled contractors having sound technical and financial capacity for undertaking renovation / furnishing and civil work at our proposed site of **Sundaridia Branch** as per address given below. Tender documents may be purchased from 24.05.2022 to 30.05.2022 during office hours from our office / downloaded from website.

Interested empanelled contractors may visit our Bank's website www.unionbankofindia.com and Govt. portal www.eprocure.gov.in and requested to study the drawings /go through the tender documents, specifications as per Bank's standardization and in case of any difficulty please visit us for seeking clarification, if any, prior to submission of their sealed offers.

Estimated cost of works for Branch	Rs. 7.57 Lacs
Tender Cost	Rs.500/- (Non-refundable) by DD / Pay Order favouring Union Bank of India, payable at Guwahati. Offer without document / Tender cost will be summarily rejected.
EMD/ Performance Security	Bidders will be required to submit performance security Rs.23000/- in the form of D.D. in favour of Union Bank of India, RO, Guwahati, payable at Guwahati. Tenders without Tender cost / EMD shall be summarily rejected. Contractors registered with MSME / NSIC or the concerned Ministry or Department notified time to time by Govt. of India/CVC can seek exemption from cost of RFP by providing valid registration certificate along with the document. Incomplete application will not be considered.
Retention Money	Retention money at 3 % of total work order will be deducted from final bill and to be held with the bank for defect liability period (one year) and will be released only after completion of Defect liability period on vendor's request.
Time of Completion of work	25 days from acceptance of work order. Work to Start immediately after getting the work order.
Time & Submission of Tender	Before 3.00 P.M. on 30.05.2022
Time & date of Opening of Tender	3.30 P.M. on 30.05.2022
Address of Work Site	Banadevi Complex, 1st Floor, Sundaridia Road, In front of SP Office, Barpeta, Assam

The bank will not be bound to accept the lowest tender and reserves the right to accept or reject any or all the tenders without assigning any reason.

Dated: 23.05.2022
Guwahati (Assam)


Chief Manager (P&D)



**UNION BANK OF INDIA
RO, GUWAHATI**

NOTICE FOR INVITING TENDERS

ONLY FOR EMPANELLED CONTRACTOR

Sealed tenders/offers on items rate/percentage over estimates/cost basis are invited from our empanelled contractors having sound technical and financial capacity for undertaking electrical work at our proposed site of Sundaridia Branch as per address given below. Tender documents may be purchased from 24.05.2022 to 30.05.2022 during office hours from our office / downloaded from website.

Interested empanelled contractors may visit our Bank's website www.unionbankofindia.com and Govt. portal www.eprocure.gov.in and requested to study the drawings /go through the tender documents, specifications as per Bank's standardization and in case of any difficulty please visit us for seeking clarification, if any, prior to submission of their sealed offers.

Estimated cost of works for Branch	Rs. 6.04 Lacs
Tender Cost	Rs.500/- (Non-refundable) by DD / Pay Order favouring Union Bank of India, payable at Guwahati. Offer without document / Tender cost will be summarily rejected.
EMD/ Performance Security	Bidders will be required to submit performance security Rs.18200/- in the form of D.D. in favour of Union Bank of India, RO, Guwahati, payable at Guwahati. Tenders without Tender cost / EMD shall be summarily rejected. Contractors registered with MSME / NSIC or the concerned Ministry or Department notified time to time by Govt. of India/CVC can seek exemption from cost of RFP by providing valid registration certificate along with the document. Incomplete application will not be considered.
Retention Money	Retention money at 3 % of total work order will be deducted from final bill and to be held with the bank for defect liability period (one year) and will be released only after completion of Defect liability period on vendor's request.
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Address of Work Site	Banadevi Complex, 1st Floor, Sundaridia Road, In front of SP Office, Barpeta, Assam

The bank will not be bound to accept the lowest tender and reserves the right to accept or reject any or all the tenders without assigning any reason.

Dated: 23.05.2022
Guwahati (Assam)


Chief Manager (P&D)

UNION BANK OF INDIA

BILL OF QUANTITIES

OF

INTERIOR / FURNISHING WORKS.

FOR

SUNDARIDIYA, BARPETA BRANCH

BARPETA DIST., ASSAM.

UNION BANK OF INDIA

SUNDARIDIYA, BARPETA BRANCH
BARPETA DIST., ASSAM.

SUMMARY

Sl.No	Description of item	Amount
A)	INTERIOR / FURNISHING WORK	
	TOTAL = Rs.	
	REBATE, IF ANY = Rs.	
	GRAND TOTAL = Rs.	

(Rupees

only)

Signature of the Contractor :

Date & Seal:

UNION BANK OF INDIA

SUNDARIDIYA, BARPETA BRANCH

BARPETA DIST., ASSAM.

BILL OF QUANTITIES

FOR

INTERIOR / FURNISHING WORKS.

Sl. No.	Particulars of item of work	Unit	Qty	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
1	FULL HT SOLID PARTITION Providing and fixing partition framing shall consist of Heavy duty Aluminium Box Sections 50mm x 50mm @ 600mm c/c both ways Horizontally and Vertically. The vertical alternate frames to be fixed to the ceiling with necessary fixtures. The framing shall be finished with 6 mm thk. Commercial ply on both side and finished with 1.00 mm thk. Laminate / Veneer finished with melamine polish. The shade of laminate / veneer and polishing finish to be got approved from the Architect. The skirting should be as per approved laminate/Veneer as per drawing and direction. Rate shall be inclusive of necessary hardware items, etc. Complete. The edge beadings with steam beach wood should be finished with both side laminated.	Sq.M	28.00			
2	FULL HEIGHT PARTLY GLAZED PARTITION IN LAMINATE Specification same as Full Ht Solid Partition as above except for 8mm approved make clear float glass shall be provided above 750mm from ffl or as mentioned in the drawing and as advised by architect with necessary steam beach moulding finished with melamine Polish. The rate shall include necessary etching film / LOGO and both side laminated.	Sq.M	24.00			

Sl. No.	Particulars of item of work	Unit	Qty	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
3	SEMI HT. SEMI GLAZED PARTITION IN LAMINATE Specification same as item no. 1 but with ht. 1150mm as per the drawing. All external surface and edges to be finish with 1mm thk laminate of approved shade & make. Providing and Fixing inserted Glass maintaining the horizontal surface lines.	Sq.M	4.00			
4	FRONT GLAZING : Front Glazing with 12mm thick clear float glass with frame work above counter matching with partition work of counter with intermediate gap of 75mm & hole. The item also includes providingeitching work/logo as directed by Architects/Bank.	Sq.M	6.50			
5	VERTICAL BLINDS: Providing and fixing Vertical Blinds for Windows with all fixing accessories. The Vertical Blind shall be of good quality Vista or equivalent make. The colour shall be approved by the branch.	Sq.M	16.00			

Sl. No.	Particulars of item of work	Unit	Qty	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
6	CASH CABIN PARTITION (2100mm high) Specification same as item no. 2, fixed rigidly at floor level to upto 2100mm height, 6mm thick Comm. Ply of approved make with 1.00mm thick laminate of approved quality and shade shall be fixed on both faces of partition as per design with 202 aluminium decogril from 1050 height to 2100 height, and on top side 102 decogril. On the front side from 1050mm, 12mm thick glass with bevelling and etching have to be fixed. Skirting shall be 100mm high made of dark color laminate as per design. The item includes door shutter with 6mm thick edge polish glass fixed with teak wood beading, made of 75x25mm teak wood frame @ 600mm c/c both ways painted with anti-termite paint with 6mm thick comm. ply on both faces finished with 1.0mm thick laminate of approved quality and shade with teak wood edging out of 40x20mm teak wood section on all edges of shutter (all around) with teak wood door frame (chowkhat) out of 50x50mm section., item includes necessary hardware such as hinges, tower bolts, door stopper, godrej night latch with SS (6" high) handle of approved quality and design. All exposed teak surfaces shall be finished with wood polish. The rate include making provision for electrical conduits, switch and junction boxes.	Sq.M	15.60			
7	PANELLING PANELLING ON WALLS - with frame Providing and fixing panelling on wall. Framing shall consist of Heavy duty Aluminium Box Sections 50mm x 25 mm x @ 600mm c/c Both ways horizontally and vertically on the wall. This framing would be covered by 6mm thk. Commercial Ply finished in approved 1.0 mm. Thk. Laminate / Veneer finished in melamine polish. Wooden moulding, lipping etc. as directed by the architect shall be provided wherever required. WITH LAMINATE	Sq.M	13.00			

Sl. No.	Particulars of item of work	Unit	Qty	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
8	DOORS ENTRANCE DOORS - WITH TOUGHENED GLASS (PATCH FITTINGS) Providing and fixing frameless fully glazed 12mm thk toughened float glass fixed with necessary patch fittings(Dorma make) including cutting, making holes, cutouts in the glass of required shape and size to acBWPodate fittings and fixing the fittings in floors, soffits, jams including necessary fixtures, screws, sealant wherever required and SS cover over patch fittings. Rate shall include necessary etching film /LOGO, approved patch fitting locking systems, 1 pair of 12" long S. S. (C Shape) Handles of approved make, floor springs, and any necessary hardware items.(ABOVE MENTIONED MAKES Top Pivot , Top Patch Fittings, Bottom Patch fittings , Floor Spring , Corner lock with strike plate and Euro Profile Cilinder, C Shape Handle 25mm dia X 300mm length) DOORS - WITH OZONE / HAFFLE / YALE / GODREJ MAKE FITTINGS	Sq.M.	5.50			

Sl. No.	Particulars of item of work	Unit	Qty	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
9	FALSE CEILING. Providing and fixing 1/2" thk. Gypsum India board false ceiling at levels as shown in the drg. From FFL. Rate shall be inclusive of all Gypsum India components contained G.I. perimeter channels of size 0.55 thick having one flange of 20mm and another flange of 30mm and a web of 27mm alongwith perimeter of ceiling, screw fixed to brickwall/ partition with the help of nylon sleeves and screws, at 610mm centres. The suspending G.I. intermediate channels of size 45mm, 0.9 mm thick with two flanges of 15mm each from the soffit at 1220mm centres with ceiling angle of width 25mm x 10mm x 0.55 thick fixed to soffit with G.I. cleat and steel expansion fastners at every 610mm c/c. Ceiling sections of 0.55mm thickness having knurled web of 51.5mm and two flanges of 26mm each with lips of 10.5mm are then fixed to intermediate channel with the help of connecting clip and in direction perpendicular to the intermediate channel at 457mm centres. 12.5mm tapered edge Gypboard is then screw fixed to ceiling section with 25mm drywall screws driver or drilling machine with suitable attachment. The boards are to be jointed and finished so as to have a flush look which includes filling and finishing the tapered and square edge of the boards with jointing compound & joint paper tape. Rate shall be inclusive of Cut outs for A/c machines, spot lights, light fixtures, A/C. Grills, fire and security systems cut outs, All Sections should adhere to the manufacturers guidelines. Vertical sides visible will be measured. (Item also includes providing 2 coats of Acrylic Emulsion Paint including Premier & P.O.P.)	Sq.M	55.00			

Sl. No.	Particulars of item of work	Unit	Qty	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
10	MODULAR FALSE CEILING - ARMSTRONG / equivalent make Providing and fixing Armstrong (Fine Fissured Micro Look with Tagular Edge using 15mm Grid sections) false ceiling of size 24"x24" at levels as shown in the drwg. from FFL. Rate shall be inclusive of providing the total system with installation etc.. The contractor has to maintain all tiles in good order and replace the defected tiles (at his own cost) before handing over the site for Branch Operations. (Item also includes providing 2 coats of Acrylic Emulsion Paint including Premier & P.O.P.)	Sq.M.	54.00			
11	NOTICE BOARD : Providing and fixing Notice Board / Display Board, made of 50x25mm sal wood frame with 6mm thick comm.ply / particle board with 12mm thick soft board covered approved fabric, with 50x25mm teak wood moulding all round finished with duco paint, with Bank logo colour febric is 200.00/R.M.	Sq.M	1.00			

Sl. No.	Particulars of item of work	Unit	Qty	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
12	CUP BOARD (Low Height): Height 750mm depth 450mm horizontal spacing 900mm, vertical spacing 375mm. Providing and fixing storage units having 45 cms minimum depth with sides. Top, bottom shutters and shelves all made of 19mm thick commercial board (Century, Duro, Green) of approved quality and make. There shall be swing shutters. The rear side shall be made of 6mm thick Comm.ply duly painted with anti-termite paint (on outer face). The top shall be finished with 1.0mm tk.laminate of approved shade, sides, shutter and back finished with 1.00mm thick laminate (in two shades) of approved quality and shade as per design with groove. The exposed edges of the board shall have Teak Wood lipping. There shall Skirting 100mm high made of 1mm thick laminate of dark colour as per design. The rate includes necessary hardware such as piano hinges, tower bolts, brass dead lock, magnetic catchers, 4" long SS handles of approved design. All inner surfaces shall be painted with two or more coats of enamel paint over a coat of primer including sand papering, filling and preparation of surface. All exposed teak surfaces shall be finished with normal wood polish.	R.M	7.00			

Sl. No.	Particulars of item of work	Unit	Qty	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
13	BANK COUNTER: Providing and fixing Bank Counter as per layout plan. Writing top, front projected face, sides and apron shall be made of 19mm thick comm.board with teak wood lipping on exposed ends of commercial board with 1mm thick laminate of approved design and shade on top surface i.e. writing / working top and 1.0mm thick Laminate of approved quality and shade shall be fixed on all exposed vertical surfaces including front projected face, apron and exposed sides of counter in double shade as per design with 100mm high with dark colour laminate of approved shade. There shall be a drawer unit with each unit, drawer unit consists of one drawer with storage unit with shutter, with vertical support of the counter as one side. The overall dimension of the drawer unit shall be 16" wide and 24" deep and 6" high, rest portion will consist of storage unit, all made of 19mm commercial block board. The drawer bottom shall be made of 6mm thick commercial ply and rear side of the unit shall be covered by 19mm thick commercial board. The front face of the drawer shall be covered by 1mm lamination of approved. shade and make. Each drawer shall have multipurpose lock (Godrej) and SS handle, with 150mm high skirting for CPU in built with bollock wood foot rest with metallic key board tray with Ebco make. All inner surfaces shall be painted with two or more coats of enamel paint over a coat of primer including sand papering, filling and preparation of surface. All exposed teak surfaces shall be finished with normal wood polish.					

Sl. No.	Particulars of item of work	Unit	Qty	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
A)	LOW HEIGHT COUNTER - (Single top) Providing and fixing running Low Counter as per layout plan with Writing top, sides and front apron all be made of 19mm thick comm.board with teak wood with lipping on exposed ends of comm.board. The front apron shall be finished with 1.00mm thick laminate of approved shade. The writing top shall be provided with 1.0mm thick laminate of approved quality and shade (as per approved sample)> The skirting shall be 100mm high with 1.00mm thick laminate of approved shade. There shall be wooden foot rest made of hollock wood and built in C.P.U. units and keyboard tray. There shall be a drawer unit with each unit, drawer unit consists of one drawer with storage unit, with vertical support of the counter as one side. The overall dimension of the drawer unit shall be 16" wide and 24" deep and 6" high, rest portion will consist of storage unit with shutter, all made of 19mm commercial block board. The drawer bottom shall be made of 6mm thick commercial board. The front face of the drawer shall be covered by 1mm lamination of approved shade and make. Each drawer shall have multipurpose lock (Godrej) and SS handle with 150mm high skirting for CPU in built with hollock wood foot rest with metalick key board tray with Ebco make. All inner surfacesshall be painted with two or more coats of enamel paint over a coat of primer including sand papering, filling and preparation of surface. All exposed teak surfaces shall be finished with normal wood polish. The overall dimensions shall be : Width of writing top = 812mm, height of writing platform = 750mm.	R.M	4.50			

Sl. No.	Particulars of item of work	Unit	Qty	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
B)	Cash Counter (Double Top) : Double top counter finished with 20.00 thick laminate drawer unit consists of three drawer with sliding channel with partitions as per design in drawer with laminate on front face with lock, handle, catchers, item includes laminated built in tray in upper top of cash counter & built in C.P.U. unit and keyboard tray. The over all width of counter shall be 2'9" and width of upper top shall be 14", overall height of counter shall be 3'10" and writing top shall be at 2'6" height.	R.M	3.00			
14	POP PUNNING. Providing and laying punning on walls with Plaster of Paris in line and plumb to require thickness to give an smooth finish not less than 6mm thick on existing walls, pillars, corners etc. Existing surface to be hatched to active proper grip.	Sq.M	175.00			
15	ROLLING SHUTTER BOXING : Providing & fixing 12mm thick marine ply box to cover the rolling shutter with wooden frame of required size, item includes making openable flap shutter with locking arrangement, finished with enamel paint of approved shade over a coat of primer. All complete with necessary hardware, material, scaffolding etc.	Sq.M.	3.00			

Sl. No.	Particulars of item of work	Unit	Qty	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
16	FURNITURE TABLES : Providing in position tables, top made of 25mm thick commercial board with 1mm thick laminate with TW edging all around, top shall be rest on 19mm thick commercial board sides finished with 1mm thick laminate with drawer unit with metallic Mouse & Key board tray Ebco make, with in built CPU stand. The front apron shall be made of 19mm thick comm.board finished with 1mm thick laminate with teakwood moulding design fixed as per design with cable manager on the table top including the provision for data , voice, ups and electrical points as per requirements. All teak surfaces shall be finished with normal wood polish. All internal surfaces should be finished with enamel paint. There shall be a drawer unit with each unit, drawer unit consists of one drawer with storage unit, with vertical support of the counter as one side. The overall dimension of the drawer unit shall be 16" wide and 24" deep and 6" high, rest portion will consist of storage unit with shutter, all made of 19mm commercial block board. The drawer bottom shall be made of 6mm thick commercial ply and rear side of the unit shall be covered by 19mm thick commercial board. The front face of the drawer shall be covered by 1mm lamination of approved shade and make. Each drawer shall have multipurpose lock (Godrej) and SSI handle, with 150mm highskirting for CPU in built with hollock wood foot rest with metallic key board tray with Ebco make. All inner surfaces shall be painted with two or more coats of enamel paint over a coat of primer including sand papering, filling and preparation of surface. All exposed teak surfaces shall be finished with normal wood polish. (a) Manager Table - 5'0"x2'6"x2'6"	Each	1			
	(b) Officer's Table-4.6"x2.3"x2.6"	Each	2			

Sl. No.	Particulars of item of work	Unit	Qty	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
17	SIDE UNITS. Providing in position side units made of 19mm thick comm.board with 1.0mm thick laminated top, side and sliding shutter shall be made of 1mm thick laminate approved colour with an adjustable shelf with lock facility with necessary hardware with teak wood lipping. All exposed teak surfaces shall be finished with wood polish. There shall be a drawer unit with each unit, drawer unit consists of one drawer with storage unit, with vertical support of the counter as one side. The overall dimension of the drawer unit shall be 16' wide and 16" deep and 6" high, rest portion will consist of storage unit with shutter, rest width should with an open adjustable shelf, all made of 19mm thick commercial block board. The drawer bottom shall be made of 6mm thick commercial ply and rear side of the unit shall be covered by 19mm thick commercial board. The front face of the drawer shall be covered by 1mm lamination of approved shade and make. Each drawer shall have multipurpose lock. All inner surface shall be painted with two or more coats of enamel paint over a coat of primer including sand papering, filling and preparation of surface. All exposed teak surfaces shall be finished with normal wood polish. a) 3'0" x 1'4" x 2'6" (high)	Each	3			
18	CENTRE / SIDE TABLE : Providing in position table made of 50x50mm teak wood frame with 40x25mm cross tie members on all four sides at top and bottom finished with 1.0mm thick laminate of approved colours, melamine finish of approved colour and shade at top with 12mm thick beveled edge tinted glass top. a) 900 x 600 x 400 mm.	Each	1			

Sl. No.	Particulars of item of work	Unit	Qty	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
19	CUSTOMER'S WRITING STAND / COMPLAIN BOX : Providing in position writing stand, structure shall be made of 19mm thick commercial board with 1.0mm thick laminate of approved shade with 12mm thick beveled edge glass upper top of required shape with 75mm high 12mm thick skirting exposed surfaces shall be finished with approved colour of melamine size out of 4'0"x1'6"x3'6" with storage unit at lower level, made of 19mm thick commercial board box with 6mm thick commercial ply back with openable shutter with piano hinges, lock, tower bolt catches etc. with laminate on front shutters and all exposed surfaces.	Each	1			
20	DISPLAY BOARD. Fabricating and fixing display board of minimum size 1200mmx900mm using 12mm soft board covered with approved colour unitex carpet cloth & 25mmx25mm wooden frame work on all sides with 2 coats of polish including cost of all materials etc.	Each	1			
21	CHEQUE DROP / SUGGESTION BOX. Fabricating & fixing Cheque Drop Box 300mmx300mmx225mm with top cover using 12mm thick commercial ply wood laminated with 1.5mm approved shade for all exposed faces & all internal faces be painted with enamel paint etc. complete.	Each	2			

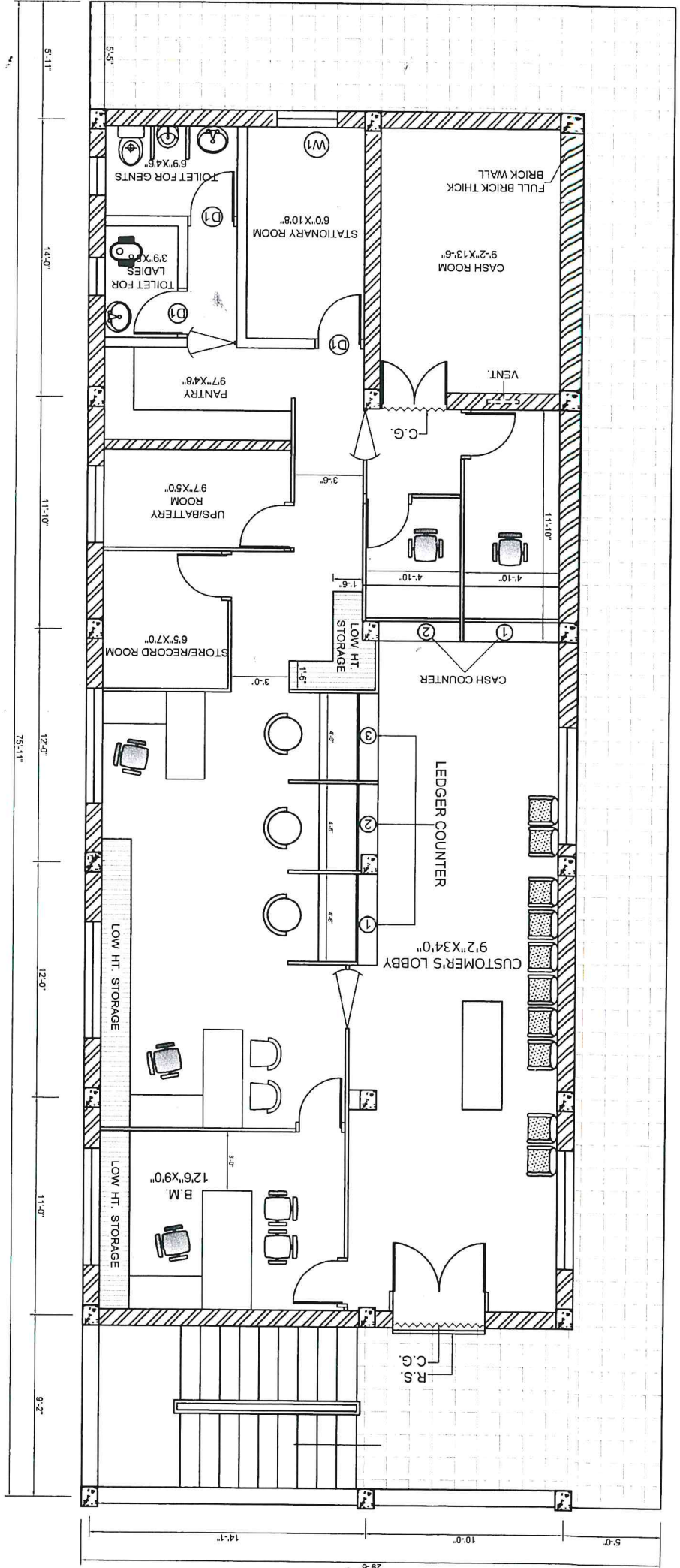
Sl. No.	Particulars of item of work	Unit	Qty	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
22	MISC. ITEMS : Providing and applying two or more coats of approved paint / finish over a coat of required primer including cleaning, sand papering and preparation of surfaces with birla putty. a) Oil Bound Distemper.	Sq.M	140.00			
	b) Plastic Emulsion Paint (Asian Royale)	Sq.M	150.00			
23	Providing and fixing aluminium alloy concealed type door closer (Hardwyn make Classic Queen)	No.	4			
				Total : = Rs.		

(Rupees)

Signature of the Contractor :

Date & Seal:

LAYOUT PLAN OF UNION BANK OF INDIA
BARPETA ROAD BRANCH

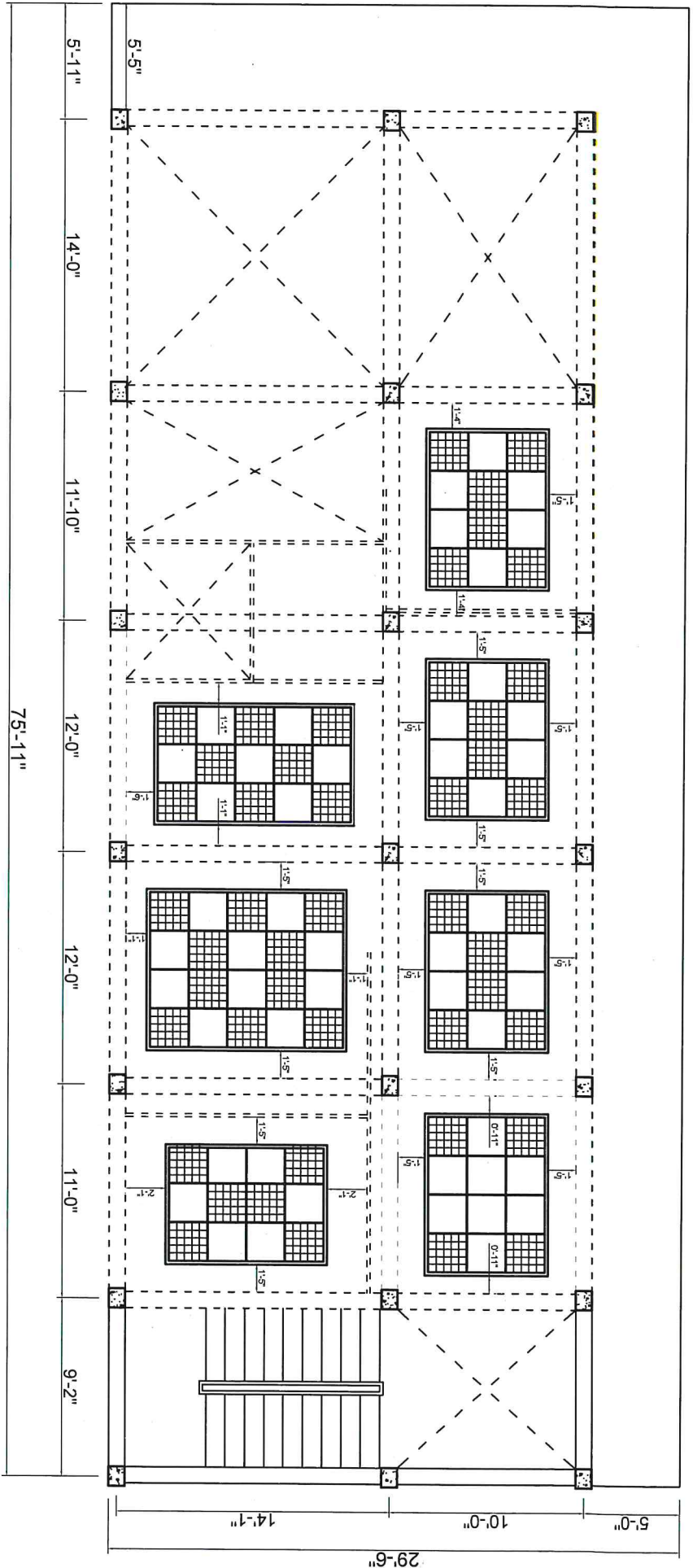


DRG NO.	SCALE	DATE	DRAWN	ARCHITECT	PROJECT CONSULTANT	CONSULTANT-	WORK-	BRANCH	DRAWING-	INTERIOR LAYOUT	ARCHITECTS	ARCHITECTS ENGINEERS	CHANDMAR, GUWAHATI-3	REV-0	A-01

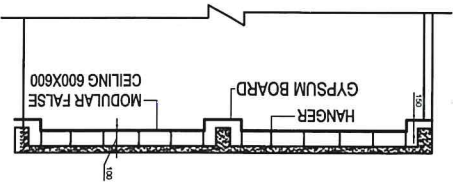
REV	DATE	REVISION PARTICULARS	SIG
0	31-08-20	ISSUED FOR APPROVAL	

C.G.—COLLAPSIBLE GATE.
R.S.—ROLLING SHUTTER.

LAYOUT OF FALSE CEILING



SECTION OF FALSE CEILING



A. FULLY GLAZED TIMBER PARTITION UPTO CEILING HEIGHT.

REV	DATE	REVISION PARTICULARS	SIGN
0	31-08-20	ISSUED FOR APPROVAL	

UNION BANK OF INDIA
SUNDARIDIA BRANCH

WORK:-

LAYOUT OF FALSE CEILING

CONSULTANT:-

architects
collaborative
PROJECT CONSULTANT
ARCHITECTS ENGINEERS
CHANDMAR, GUWAHATI-3

ARCHITECT DRAWN DATE SCALE

SMRITI 31-08-20 SCALE TO FIT

DRG NO. A-02

REV-0

UNION BANK OF INDIA

BILL OF QUANTITIES

OF

1. ELECTRICAL INSTALLATION WORK

2. DATA CABLING WORK

FOR

SUNDARIDIYA, BARPETA BRANCH

BARPETA DIST., ASSAM.

UNION BANK OF INDIA

SUNDARIDIYA, BARPETA BRANCH
BARPETA DIST., ASSAM.

SUMMARY

Sl.No	Description of item	Amount
A)	ELECTRICAL WORK	
B)	DATA CABLING	
TOTAL (A+B) = Rs.		
REBATE, IF ANY = Rs.		
GRAND TOTAL = Rs.		

(Rupees

only)

Signature of the Contractor :

Date & Seal:

UNION BANK OF INDIA
SUNDARIDIYA, BARPETA BRANCH
BARPETA DIST., ASSAM.

**BILL OF QUANTITIES
FOR
ELECTRICAL WORKS.**

Sl. No.		Unit	Qty	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
1	Distribution System. S.I.T.C. of Factory Manufactured Single/Three Phase & Neutral Double Door Distribution board made out of 16 SWG sheet steel enclosure with cutouts for operating MCB/MCCB/RCCB etc. knobs & consisting of Phase, Neutral & Earth Busbars with tapped holes, phase barriers, & covers with removable plates on Top & bottom for Incoming & Outgoing Cables. D.B.'s shall be flush mounting type for both single & three phase. a) 63 A 4P on MCCB, 16 KA in Sheet Steel Enclosure	No.	2			
	b) 63 A 4P on load changeover switch in Sheet Steel Enclosure	No.	1			
	c) MCBDB-MAIN-1 6 way TPN Double metal Door Vertical Distribution Board with following M.C.B./M.C.C.B./RCCB & cable end boxes at Input & Output. 63A 4P MCCB 16 KA – 1 No. 16A SP MCB – 8 Nos. 25A SP MCB – 10 Nos.	No	1			

Sl. No.		Unit	Qty	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
	d) LIGHT D.B. [MCBDB-L]: S.I.T.C. of Single Phase 12 way SPN Double door D.B. with Incomer: 25 A DP MCB - 1 No. 25 Amp DP R.C.C.B., 30 Milliamp sensitivity- 1 No. Outgoing: 6 Amp S.P. Amp M.C.B. - 8 Nos	No	1			
	e) MCBDB-Inverter [MCBDB-I] SITC of 8 way Double door SPN D.B. 25 A DP MCB - 1 No. 25A DP RCCB 30 mA sensitivity – 1 No. 6A SP MCB – 4 Nos.	No	1			
	f) POWER D.B. [MCBDB-P]: S.I.T.C. of Single Phase 12 way Double door SPN D.B. (horizontal type) with : Incomer: 25 A DP MCB - 1 No. 25 Amp DP R.C.C.B., 30 Milliamp sensitivity- 1 No. Outgoing: 10 Amp S.P. Amp M.C.B. - 8 Nos	No	1			
	g) U.P.S. D.B. [MCBDB-UPS]: S.I.T.C. of Single Phase 12 way SPN Double door D.B. with Incomer: 25 A DP MCB - 1 No. 25 Amp DP R.C.C.B., 100 Milliamp sensitivity- 1 No. Outgoing: 6 Amp S.P. Amp M.C.B. - 8 Nos	No	1			

Sl. No.		Unit	Qty	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
	h) S.I.T.C of 16 Amp. Modular Switch with 16A modular 5/6 Pin Socket Box with 3 Module GI Box and faceplate etc. complete for input and output of Inverter	No.	2			
	i) S.I.T.C of 32 Amp. D.P. Isolator in One Way Metallic box for Main Switch of Light and Inverter Circuits [MS-L/MS-I/MS-U/MS-P]	No.	4			
	j) S.I.T.C of 25 Amp. D.P. MCB in One Way Metallic box for output of UPS		1			
2	Light Point/Raw Power Point/UPS Point/Fan Point wirings. Wiring with I.S.I. marked 1.1 KV grade 2 x 1.5 Sq.mm + 1 x 1.5 sqmm (Green for earth) multi-strand F.R.L.S. Copper P.V.C. wires in 19/25 mm Medium grade I.S.I. marked PVC pipes to be laid on wall/above false ceiling/Through Modular Furniture slots etc complete with all conduit accessories like bends, tees, Junction boxes with necessary hardware etc. including re-surfacing of the floor/wall etc. wherever necessary with Resurfacing material for Lights, fans, exhaust fans, 6Amps socket outlets etc. Point wiring to include cost of wiring in PVC conduits, Installation, Testing, Commissioning and fixing of switch, sockets, boxes, plates & accessories and circuit wiring with 2x2.5 sqmm + 1x2.5 sqmm (green for earth) multi-strand F.R.L.S. Copper P.V.C. wires in 19/25 mm Medium grade I.S.I. marked PVC pipes to be laid on wall/above false ceiling including all accessories complete. a) Single Light points controlled by 6 Amp switch.	No	11			

Sl. No.		Unit	Qty	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
	b) Two Light points controlled by one 6 Amp Switch.	No	15			
	c) Call Bell controlled by 6 Amp Bell Push.	No	1			
	d) 6 Amps 3/5 Pin combination type socket with switch mounted on switch-box.	No	4			
	e) Ceiling Fan Points with 6 A Switch and regulator	No	3			
	f) Wall Fan & Exhaust Fan (in existing holes) Points with 6 A Switch and 6A socket	No	13			

Sl. No.	Unit	Qty	Rate in Rs.		Amount (in Rs.)
			(In Figures)	(In Words)	
3					
Raw Power + UPS Power, Power Points & AC Points					
a) Supply, Installation, Testing and Commissioning of Recessed 1 No. 6 Amp 5 Pin Sockets controlled by one 6 Amp switch complete with Flush surface plate for Raw Power On Work-Stns including wiring with 2x2.5 sqmm + 1x2.5 sqmm Cu (green for earth) multistrand conductors with all accessories as necessary complete.	No	8			
b) S.I.T.C. of 2 Nos of 6 Amp Sockets controlled by one 16 Amp switch housed in a Modular PVC switch Box including wiring with 2x2.5 sqmm + 1x2.5 sqmm Cu (green for earth) multistrand conductors with all accessories as necessary complete.	No	10			
c) Supply, Installation, Testing and Commissioning of power point with 16 Amp Switch and sockets housed in a Modular PVC switch Box with Flush surface plate for Power Points including wiring with 2x4 sqmm + 1x4 sqmm Cu (green for earth) multistrand conductors with all accessories as necessary complete.	No	3			
d) Supply, Installation, Testing and Commissioning of point for AC with 25 Amp sockets housed in a Modular PVC switch Box and modular starters housed in a separate Modular PVC Box with Face Plate etc. as required complete including wiring with 2x6 sqmm + 1x6 sqmm Cu (green for earth) multistrand conductors with all accessories as necessary complete.	No	4			

Sl. No.		Unit	Qty	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
4	SUB-MAIN WIRING Supply, Installation, Testing and Commissioning of with 1100 V grade PVC insulated multi stand FRLS copper conductor cable confirming IS 694 through 25 mm dia rigid PVC Casing Capping / conduit on wall with MS bar saddle , interconnection, painting, making good to all damages etc. as required to be complete in all respect wherever required. a) With 2 X 2.5 Sq.mm. + 1x2.5 sqmm (green for earth).	Mtr	20.00			
	b) With 2 X 4 Sq.mm. + 1 x 4 sqmm (green for earth).	Mtr	30.00			
	c) With 2 X 6 Sq.mm. + 1 x 6 sqmm (green for earth).	Mtr	100.00			
	d) With 3½ Core 25 sqmm Armoured Aluminum U.G. cable	Mtr	50.00			

Sl. No.	Unit	Qty	Rate in Rs.		Amount (in Rs.)
			(In Figures)	(In Words)	
5					
LIGHTING FIXTURES :					
a) Supply, installation and testing of 30W LED Fully diffused recessed mounted 2'X2' LED luminaire with high transmissive diffuser of make Philips Model FullGlow G5 Cat No. RC380B LED30S-6500 G5 L60W60 PSU OD 30W or equivalent. Rate to include cost of lamps, and all accessories. [CLT]	No	27			
b) Supply, installation and testing of 15 W LED recess-mounted round panel with aluminium die cast housing downlighter of make Jaquar Model Neve Plus (Round) Cat No. LNEP01R015XC or equivalent. Rate to include cost of lamps. [DL]	No	5			
c) Supply, installation and testing of 12W LED surface-mounted round panel with aluminium die cast housing 30mm height LED downlighter of make Jaquar Model Nero Surface (Round) Cat No. LNRO02R012SC or equivalent. Rate to include cost of lamps. [CL]	No	3			
d) Supply, Installation, Testing and Commissioning of 1x24 W LED Batten with High quality design extruded aluminium with decorative end caps, Frosted PMMA / PC diffuser, Constant current Isolated driver of make Jaquar Model Glaze LED Batten Cat No. LGLZ01X024XC or equivalent including lamps, drivers etc. as required complete. [TL]	No	6			

Sl. No.		Unit	Qty	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
6	Ceiling Fan/Wall (Cabin Fan) / Exhaust Fan: a) Supply, Installation, Testing and Commissioning of 1200mm sweep Ceiling Fans with connection of make Orient Model SUMMERKING (XI Aluminium Blades) or equivalent	No	3			
	b) Supply, Installation, Testing and Commissioning of 300mm sweep Exhaust Fans with connection from existing 6A socket outlet (rate for socket and connection to the socket to be taken separately) of make Orient Model 300 mm Spring Air or equivalent.	No	3			
	c) Supply, Installation, Testing and Commissioning of 400 mm sweep Wall mounted Fans with connection from existing 6A socket outlet (rate for socket and connection to the socket to be taken separately) of make Orient 400 mm Wall 43 U/P Wh or equivalent.	No	10			

Sl. No.		Unit	Qty	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
7	Earthing System: a) S & I of Supply, Installation, Testing and Commissioning of 600 mmx600 mmx3 mm Copper Plate Type Earth Pit as per I.S. 3043. Concrete Chamber with Metallic cover, Funnel, GI Pipe for adding water and Earth Strip Connector etc must be provided.	No	4			
	b) Supply, Installation, Testing and Commissioning of 16 Sq.mm. PVC Copper wire (Green Colour) in Rigid PVC conduit from Earth Pit to Main 63 A 4P MCCB in Metal Boxes at the output of Branch Meter.	Mtr	40.00			
	c) Second set of 2X 6 Sq.mm. PVC earth wires in Conduit to be taken from Earth Pit directly to the UPS room and connected to UPS Output D.B.	Mtr.	60.00			
8	MISCELLANEOUS MATERIALS. a) Supply, Installation, Testing and Commissioning of Light Point with Timer for Branch Sign Board whose location may be decided in consultation with Branch Head.	No	1			
					TOTAL	

Date & Seal:

Signature of the Contractor :

UNION BANK OF INDIA

SUNDARIDIYA, BARPETA BRANCH
BARPETA DIST.. ASSAM.
BILL OF QUANTITIES

FOR

DATA CABLING WORKS.

Sl. No.	Particulars of item of work	Unit	Qty	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
1	Supply laying and termination and testing of and commissioning of UTP Cat 5e cable of digi-link make through 25 mm rigid Casing/Caping PVC pipe partly concealed and partly surface including termination by RJ45 Connector	R.M	300.00			
2	Supply and fixing of single module SMB	No.	11			
3	Supply and fixing of CAT5E Unsealed InformationOutlet Make : D- Link/HCL Make : D- Link/HCL	No.	11			
4	Network Integration Point to Point testing of entire site with connectivity through Vsat	Job	1			

Sl. No.	Particulars of item of work	Unit	Qty	Rate in Rs.		Amount (in Rs.)
				(In Figures)	(In Words)	
5	Supply and fixing os Patch cord of Digi -Link / Make	No.	11			
6	Supply and laying of casing Caping/ PVC Conduit	R.M	210.00			
7	Supply and fixing of 9U wall Mounting rack	Set	1			
TOTAL :						

(Rupees)

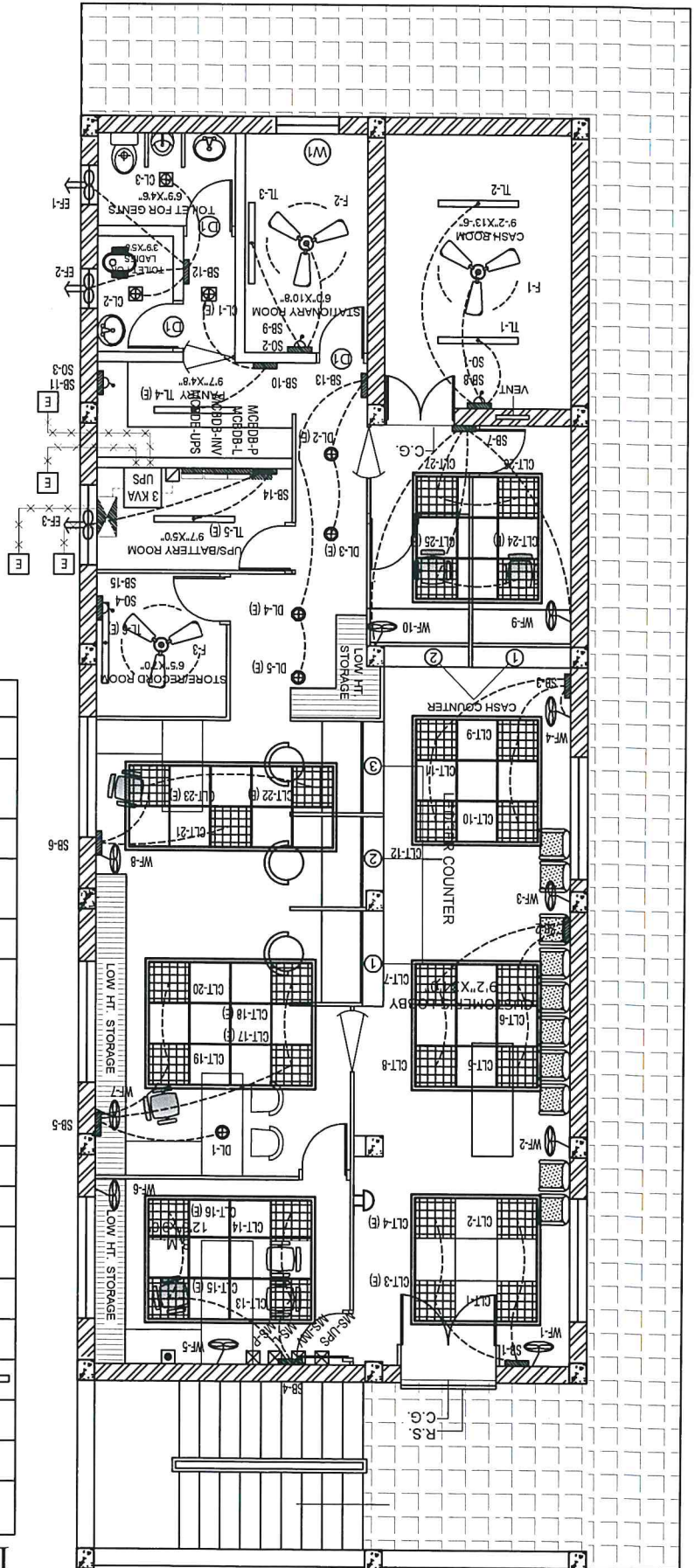
Signature of the Contractor:

Date & Seal:

REV-0		SCALE TO FIT		SMRITI		A. R. BAISHYA	
EL-01		SCALE		DATE		DRAWN	
DRG NO.		SCALE		DATE		DRAWN	
ARCHITECT		SCALE		DATE		DRAWN	
CONSULTANT:-		architects collaborative		PROJECT CONSULTANT ARCHITECTS ENGINEERS CHANDMAR, GUWAHATI-3		REV-0	
DRAWING:-		ELECTRICAL LAYOUT AT CEILING LEVEL		CONSULTANT:-		REV-0	
WORK:-		BRANCH		CONSULTANT:-		REV-0	
UNION BANK OF INDIA SUNDARIDA BRANCH		BRANCH		CONSULTANT:-		REV-0	

SIG	ISSUED FOR APPROVAL	DATE	REV	0	REVISION PARTICULARS

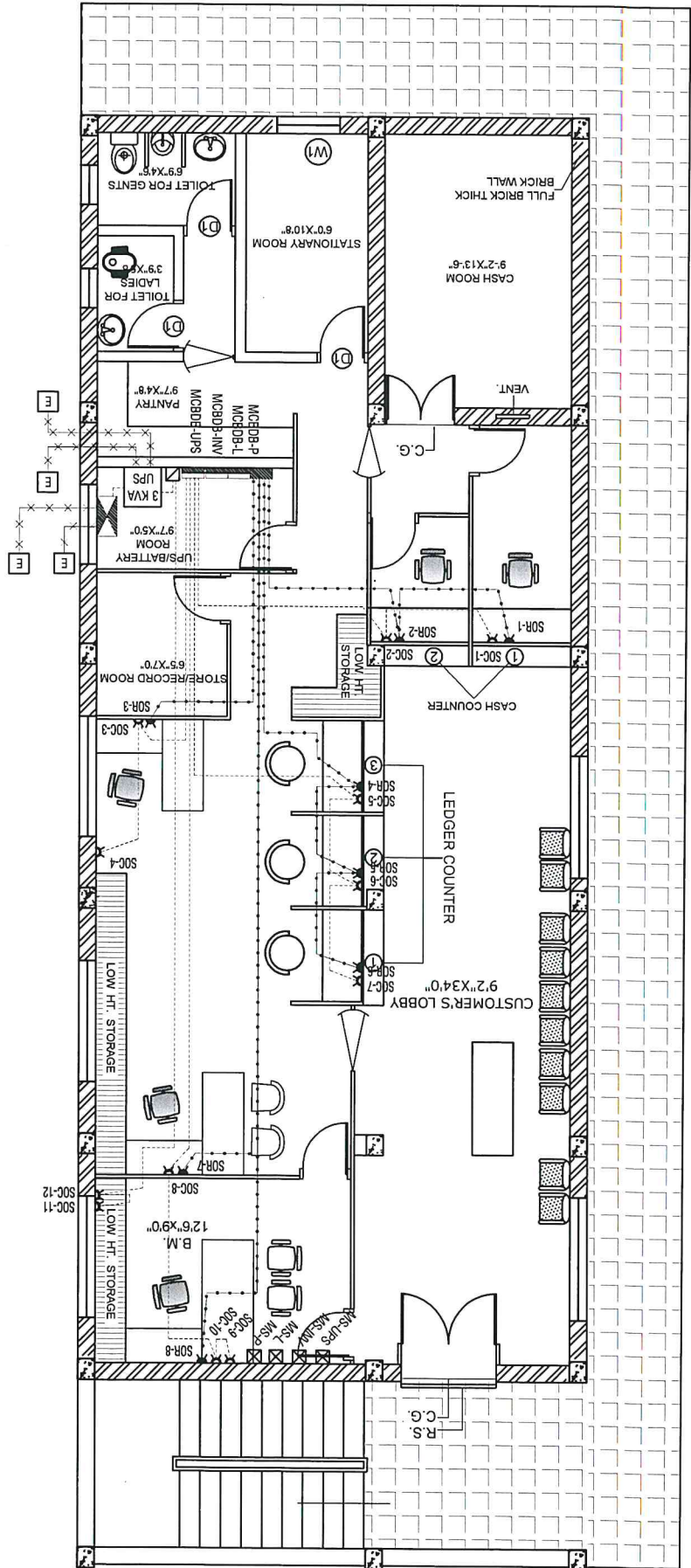
LAYOUT OF LIGHTING



Earth Pit	E
Earth Conductor	
3 Phase Power Distribution Unit (Vertical Type) for Distribution of Power for Power Circuits, AC Points (MCBDB-P)	
Conduits for connection to Raw Power Points (SCR) from Raw Power Distribution Units	
3 Phase Power Distribution Unit (Vertical Type) for Distribution of Power for Power Circuits, AC Points (MCBDB-P)	
3 Phase Power Distribution Unit (Vertical Type) for Distribution of Power for Power Circuits, AC Points (MCBDB-P)	
Single Phase Power Distribution Unit (Distribution Box) for Light Load, UPS Power Circuits (MCBDB-L/MCBDB-U)	
Metal one way enclosure (MS)	
Switch Board	
1x6A socket outlet controlled by 6A switch (SO)	
450 mm sweep Cabin/Wall Fan (WF)	
300 mm sweep Exhaust Fan (EF)	
1200 mm sweep ceiling Fan (F)	
Call Bell (CB)	
Call Bell (CB)	
Strip type fluorescent tube light (TL)	
12W LED Surface type LED Circular Light (CL)	
15W LED Recessed type Downlighter (DL)	
LED 2x2 light fittings (CLT)	

LEGEND

ELECTRICAL LAYOUT FOR UPS AND RAW POWER POINTS
AND SINGLE LINE DIAGRAM OF UPS DB



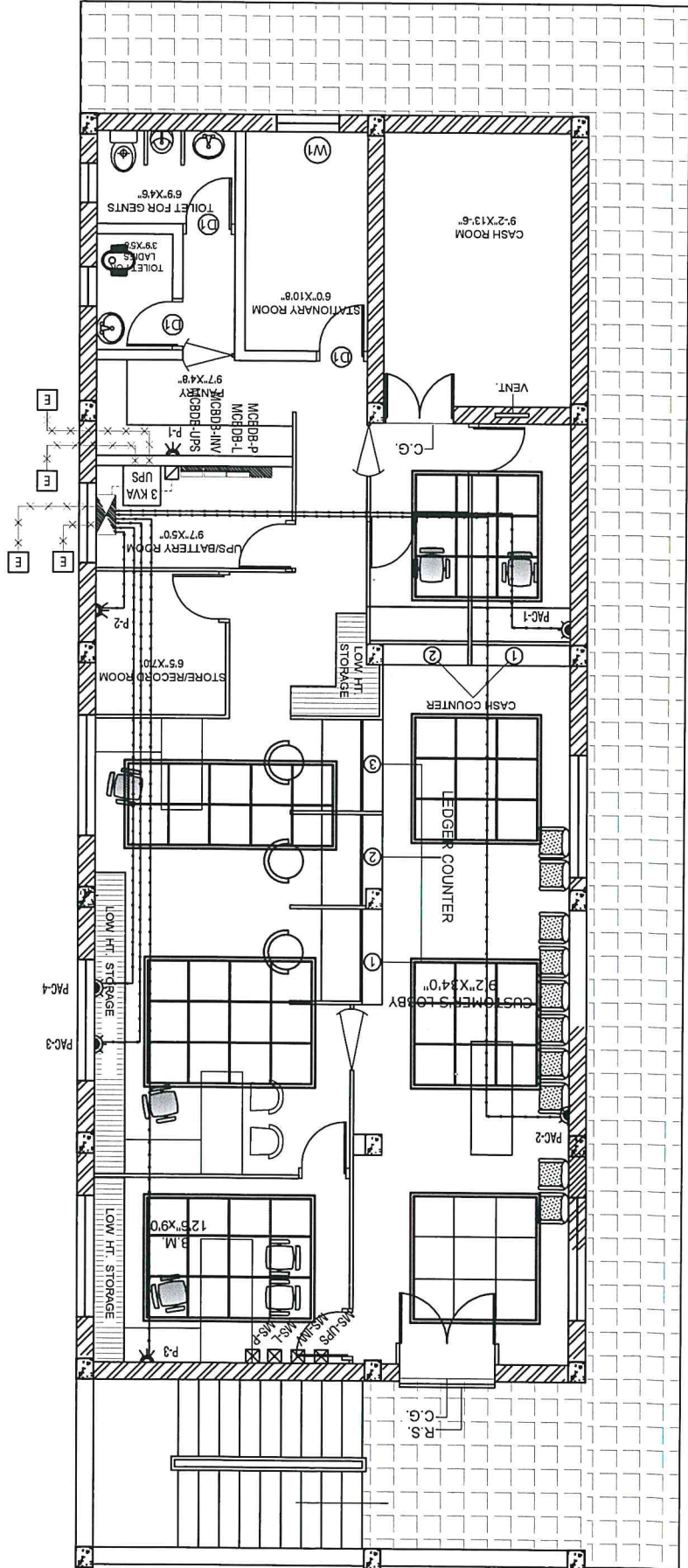
	Earth Pit
	Earth Conductor
	3 Phase Power Distribution Unit (Vertical Type) for Distribution of Power for Power Circuits, AC Points [MCBDB-P]
	Conduits for connection to Raw Power Points (SOR) from Raw Power Distribution Units
	3 Phase Power Distribution Unit (Vertical Type) for Distribution of Power for Power Circuits, AC Points [MCBDB-P]
	Power for Power Circuits, AC Points [MCBDB-P]
	3 Phase Power Distribution Unit for Distribution of [MCBDB-L/MCBDB-U]
	Single Phase Power Distribution Unit (Distribution Box) for Light Load, UPS Power Circuits
	Metal one way enclosure [MS]
	1x16A socket outlet cluster controlled by 16A switch for Power Points [P]
	Level [PAC]
	1x16A socket at 2200 mm above FF Level for AC and Modular Starter in Modular Box at 750mm above FF

LEGEND

C.G.—COLLAPSIBLE GATE.
R.S.—ROLLING SHUTTER.

REV	0	ISSUED FOR APPROVAL	SIG
DATE			
REVISION PARTICULARS			
WORK:-	UNION BANK OF INDIA SUNDARPIA BRANCH		
DRAWING:-	ELECTRICAL LAYOUT FOR UPS AND RAW POWER POINTS AND SINGLE LINE DIAGRAM OF UPS DB		
CONSULTANT:-	architects collaborative PROJECT CONSULTANT ARCHITECTS ENGINEERS CHANDMAR, GUWAHATI-3		
ARCHITECT	DRAWN	DATE	SCALE
A. R. BAISHYA	SMRITI		SCALE
REV-0	EL-02	DRG NO.	

LAYOUT OF AC AND POWER POINTS



LEGEND

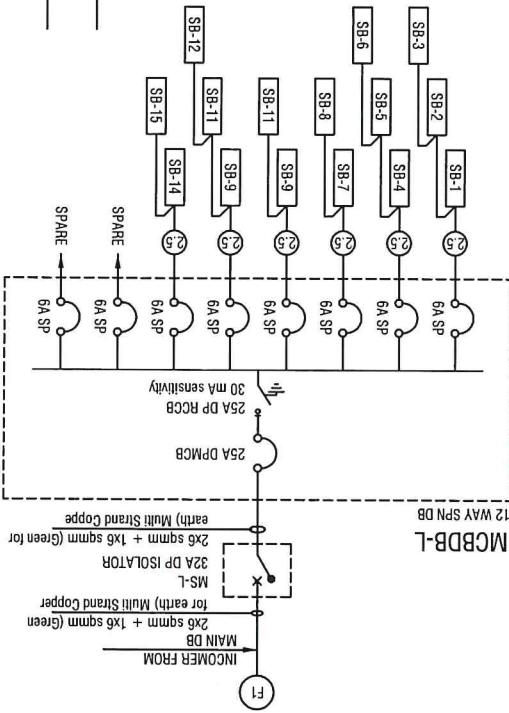
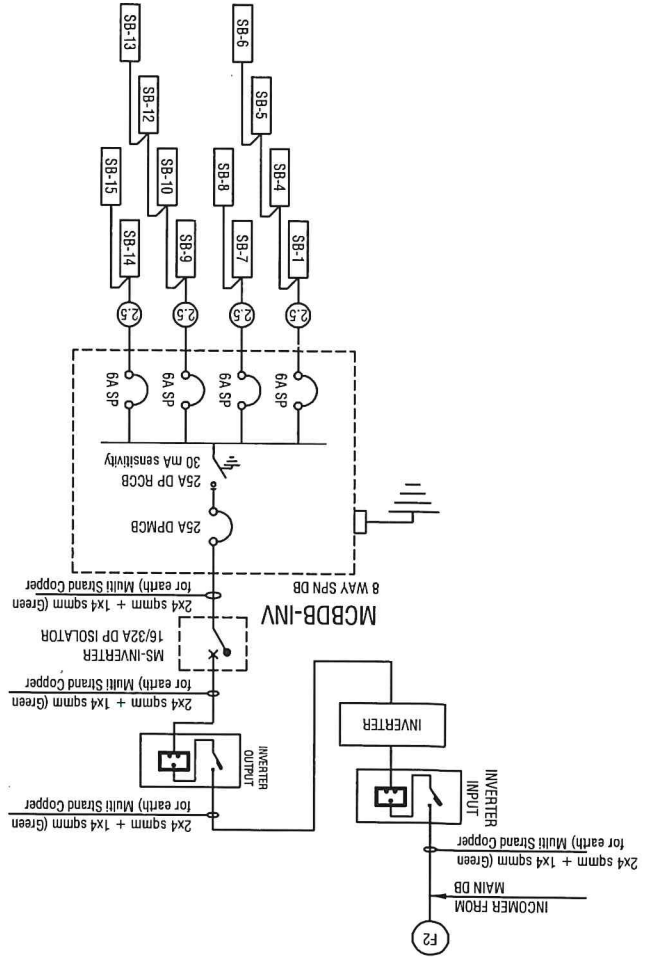
	1x16A socket at 2200 mm above FF level for AC and Modular Starter in Modular Box at 750mm above FF level [PAC]
	1x16A socket outlet cluster controlled by 16A switch for Power Points [P]
	Metal one way enclosure [MS]
	Single Phase Power Distribution Unit (Distribution Box) for Light Load, UPS Power Circuits [MCBDB-L/MCBDB-U]
	3 Phase Power Distribution Unit for Distribution of Power for Power Circuits, AC Points [MCBDB-P]
	3 Phase Power Distribution Unit (Vertical Type) for Distribution of Power for Power Circuits, AC Points [MCBDB-P]
	Conducts for connection to Raw Power Points (SOR) from Raw Power Distribution Units
	3 Phase Power Distribution Unit (Vertical Type) for Distribution of Power for Power Circuits, AC Points [MCBDB-P]
	Earth Conductor
	Earth Pit

C.G.—COLLAPSIBLE GATE.
R.S.—ROLLING SHUTTER.

REV	0	ISSUED FOR APPROVAL	SIG
DATE		REVISION PARTICULARS	
WORK-	BRANCH	UNION BANK OF INDIA SUNDARIDIA BRANCH	
DRAWING-	LAYOUT OF AC AND POWER POINTS	CONSULTANT-	
ARCHITECT	DR. R. BAISHYA	SMRITI	
SCALE	SCALE	DATE	
EL-03	SCALE	TO FIT	
REV-0	SCALE	TO FIT	

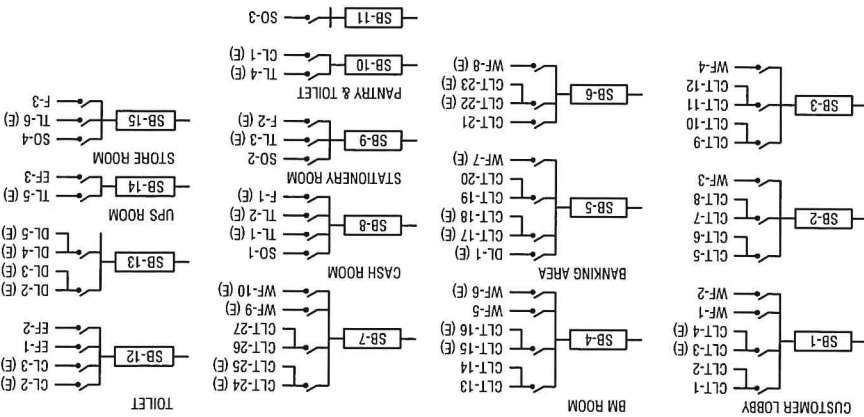
PROJECT CONSULTANT
architects
collaborative
ARCHITECTS ENGINEERS
CHANDMARU, GUWAHATI-3

SINGLE LINE DIAGRAM FOR CONNECTION OF LIGHT AND INVERTER DBS



LEGEND	
	ISOLATOR
	MINIATURE CIRCUIT BREAKER (MCB)
	RESIDUAL CURRENT CIRCUIT BREAKER (RCCB)
	BODY EARTHING
	TIMER SWITCH
	LIGHT/FAN POINT CONNECTED BY SWITCH
	WIRING WITH MULTI STRAND COPPER CONDUCTOR 2x2.5 SOMM (GREEN FOR EARTH).
	WIRING WITH MULTI STRAND COPPER CONDUCTOR 2x4 SOMM (GREEN FOR EARTH).
	WIRING WITH MULTI STRAND COPPER CONDUCTOR 2x6 SOMM (GREEN FOR EARTH).

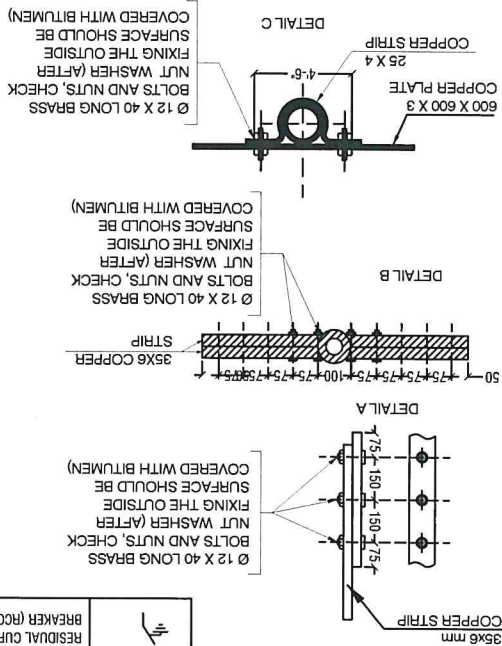
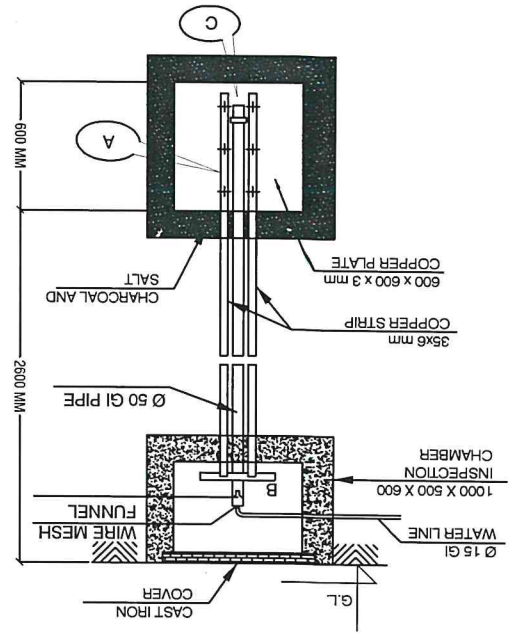
SINGLE LINE DIAGRAM OF CONNECTION FROM SWITCH BOARD TO LOAD POINT



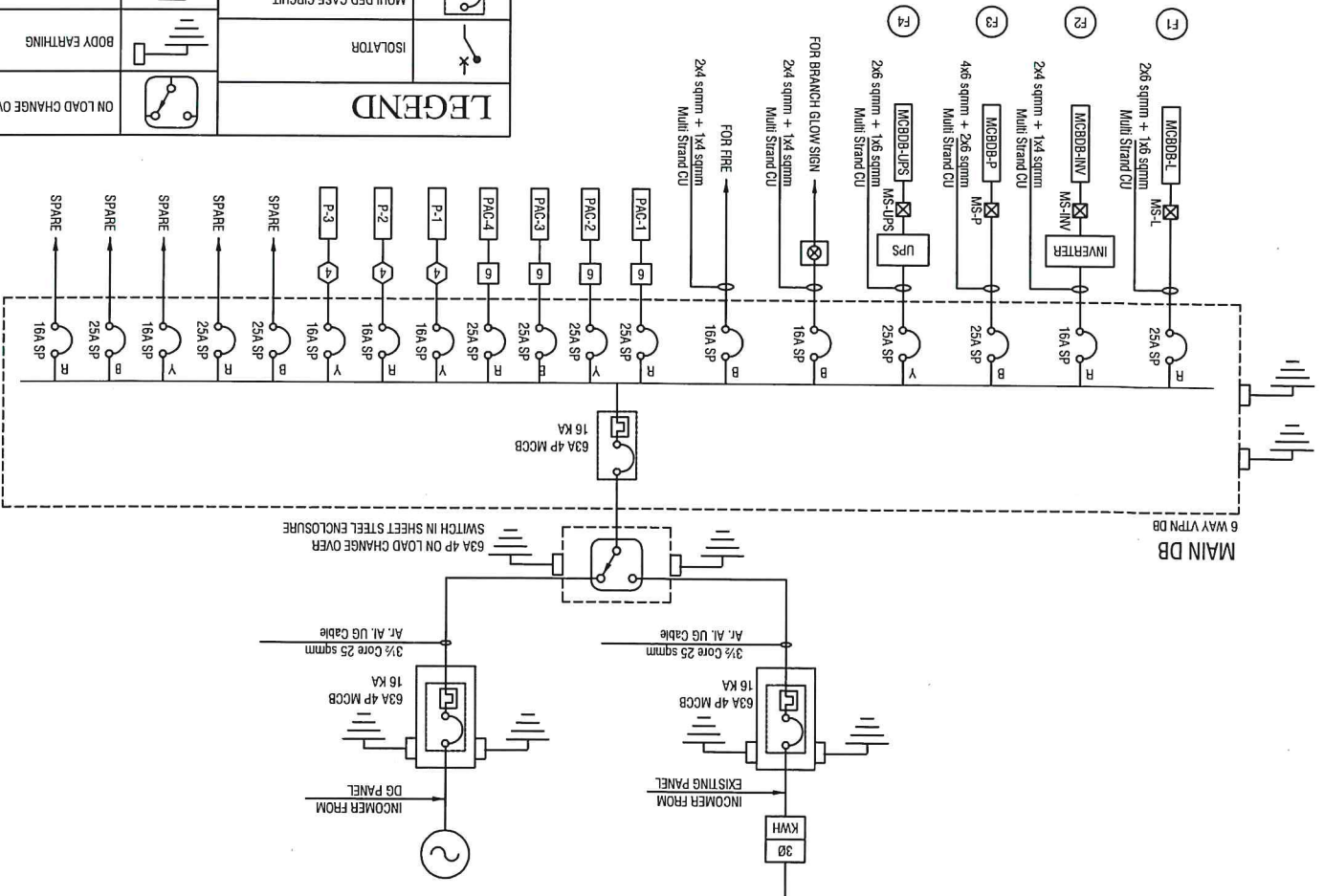
REV	DATE	ISSUED FOR APPROVAL	SIG
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WORK:-			
UNION BANK OF INDIA SUNDARIDA BRANCH			
DRAWING:-			
SINGLE LINE DIAGRAM FOR CONNECTION OF LIGHT AND INVERTER DBS			
CONSULTANT:-			
architects collaborative PROJECT CONSULTANT ARCHITECTS ENGINEERS CHANDMARU, GUWAHATI-3			
ARCHITECT	DRAWN	DATE	SCALE
M. R. BAISHYA	SMRITI		TO FIT
REV-0	EL-04	DRG NO.	SCALE

SINGLE LINE DIAGRAM OF MAIN DB, LOAD
CALCULATION AND EARTHING DETAILS

DETAIL INSTALLATION OF
COPPER PLATE EARTHING



LEGEND



LEGEND	
ISOLATOR	
Moulded Case Circuit Breaker (MCCB)	
Miniature Circuit Breaker (MCB)	
Residual Current Circuit Breaker (RCCB)	
ON LOAD CHANGE OVER SWITCH	
BODY EARTHING	
TIMER SWITCH	
3 PHASE ENERGY METER	
PROPOSED DG SET	
ONE WAY METAL ENCLOSURE WITH SWITCH GEAR AS SPECIFIED	

UNION BANK OF INDIA SUNDARIDIA BRANCH	WORK:-	BRANCH	DRAWING:-	SINGLE LINE DIAGRAM OF MAIN DB.LOAD
--	----------------------	----------------------	-------------------------	--

WORK:-

BRANCH

DRAWING:-

CONSULTANT:
architects
collaborative
PROJECT CONSULTANT
ARCHITECTS ENGINEERS
CHANDMAR, GUWAHATI-3

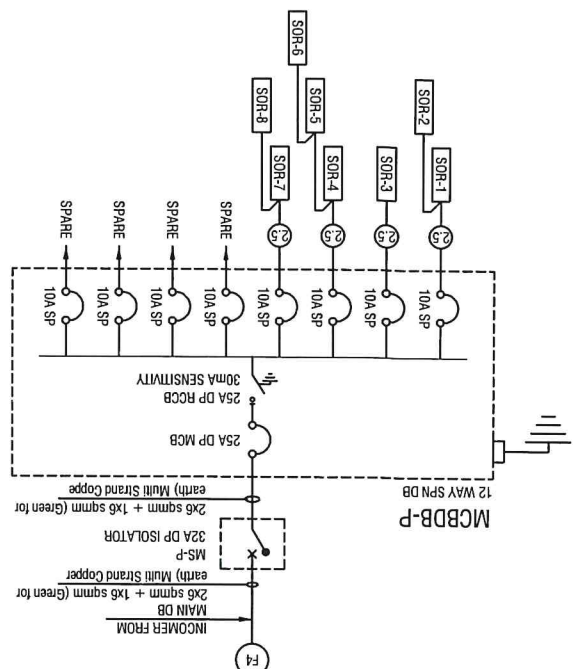
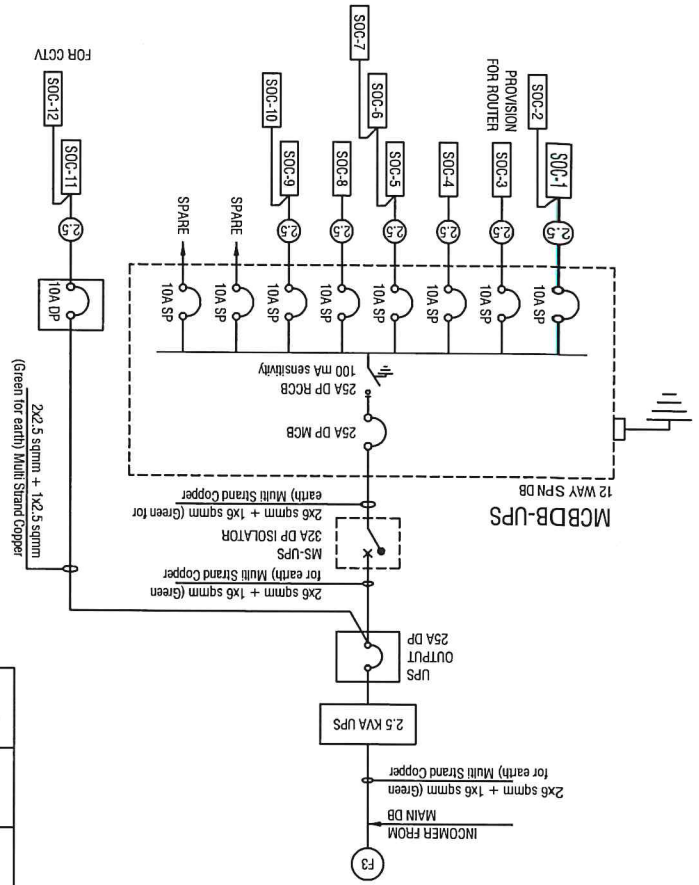
ARCHITECT	DRAWN	DATE	SCALE	DRG NO.
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ARCHITECT	DRAWN
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AT. R. BAISHYA	SMRITI
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AL R. BAISHYA	SMRITI		SCALE TO FIT	EL-05
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SINGLE LINE DIAGRAM OF POWER DB AND UPS DB



LEGEND

	ISOLATOR		TIMER SWITCH
	MINIATURE CIRCUIT BREAKER (MCB)		LIGHT/FAN POINT CONNECTED BY SWITCH
	RESIDUAL CURRENT CIRCUIT BREAKER (RCCB)		WIRING WITH MULT STRAND COPPER CONDUCTOR 2x2.5 SQMM + 1x2.5 SQMM (GREEN FOR EARTH).
			WIRING WITH MULT STRAND COPPER CONDUCTOR 2x4 SQMM + 1x4 SQMM (GREEN FOR EARTH).
	BODY EARTHING		WIRING WITH MULT STRAND COPPER CONDUCTOR 2x6 SQMM + 1x6 SQMM (GREEN FOR EARTH).

SL NO.	DESCRIPTION	WATTS	NO. OF POINTS	LOAD
1	LED 2x2 light fittings (CLT)	30	27	810
2	15W LED Recessed type Downlighter (DL)	15	5	75
3	12W LED Surface type LED Circular Light (CL)	12	3	36
4	Strip type fluorescent tube light (TL)	24	6	144
5	Call Bell (CB)	10	1	10
6	1200 mm sweep ceiling fan (F)	60	2	120
7	300 mm sweep Exhaust Fan (EF)	60	3	180
8	450 mm sweep Cabin/Wall Fan (WF)	60	11	660
9	1kVA socket outlet controlled by 6A switch (SO)	100	4	400
10	2kVA cluster socket outlet controlled by 16A switch (SOC)	200	10	2000
11	1kVA cluster socket outlet controlled by 16A switch (SOR)	100	8	800
12	16 A power socket outlet (P)	1000	3	3000
13	Branch Sign Board	500	1	500
				8735
			=	8.7 KW
			=	10.9 KVA
14	AC-1.5 TR (AC)	1875	3	5625
15	AC-1 TR (AC)	1250	1	1250
				15610
			=	15.6 KW
			=	19.5 KVA

LOAD CALCULATION

REV	0	ISSUED FOR APPROVAL	DATE	REVISION PARTICULARS	SIG
UNION BANK OF INDIA SUNDARIDIA BRANCH					
WORK:-					
BRANCH					
DRAWING:-					
SINGLE LINE DIAGRAM OF POWER DB AND UPS DB					
CONSULTANT:-					
architects collaborative					
PROJECT CONSULTANT ARCHITECTS ENGINEERS CHANDMARIL GUWAHATI-3					
ARCHITECT	DRAWN	DATE	SCALE	DRG NO.	EL-06
SMRITI			TO FIT	SCALE	REV-0

REV	0		
DATE			
REVISION PARTICULARS	ISSUED FOR APPROVAL		
SIG			