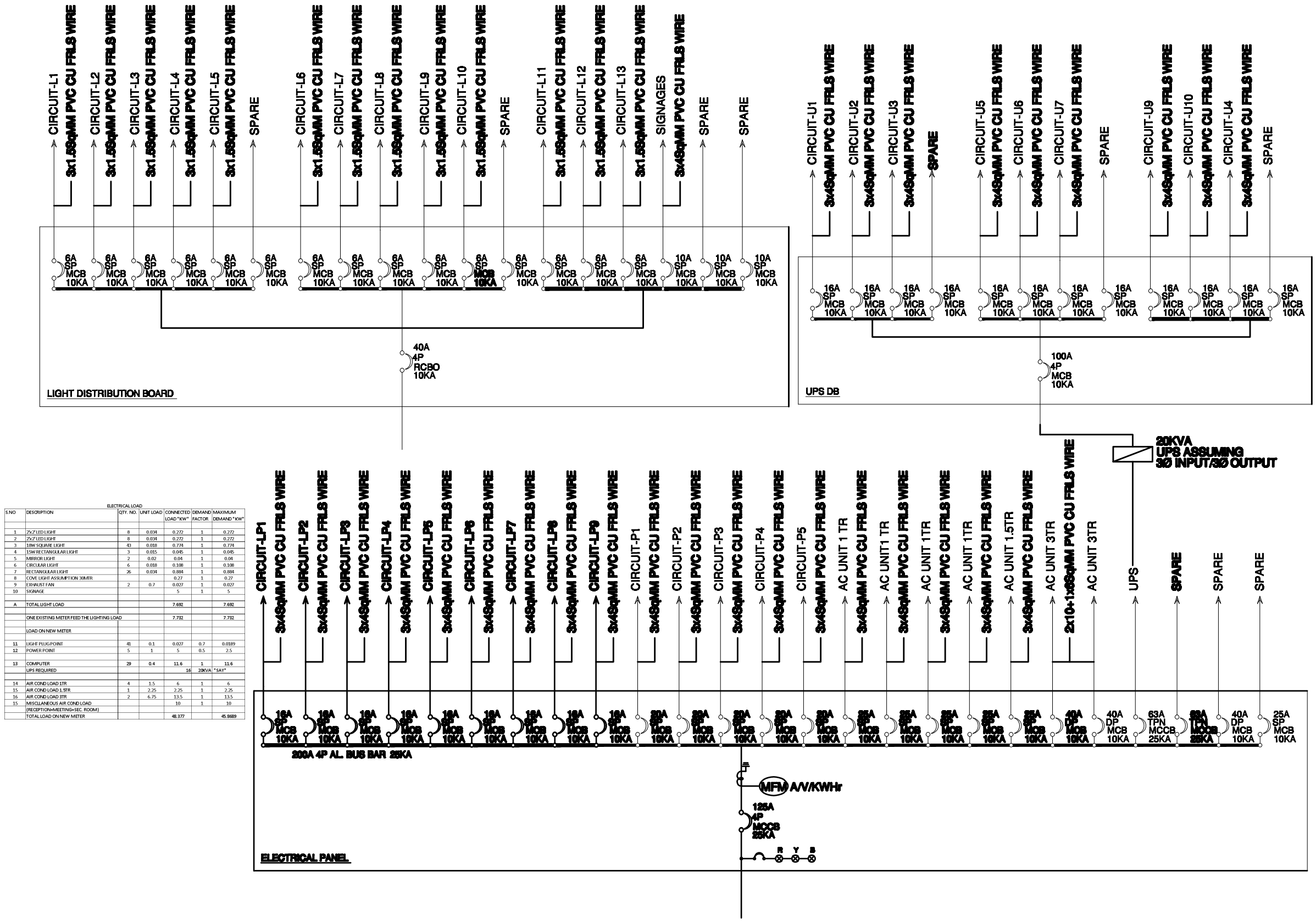

ELECTRICAL LOAD

S.NO	DESCRIPTION	QTY. NO.	UNIT LOAD	CONNECTED LOAD "KW"	DEMAND FACTOR	MAXIMUM DEMAND "KW"
1	2'x2' LED LIGHT	8	0.034	0.272	1	0.272
2	2'x2' LED LIGHT	8	0.034	0.272	1	0.272
3	18W SQUARE LIGHT	43	0.018	0.774	1	0.774
4	15W RECTANGULAR LIGHT	3	0.015	0.045	1	0.045
5	MIRROR LIGHT	2	0.02	0.04	1	0.04
6	CIRCULAR LIGHT	6	0.018	0.108	1	0.108
7	RECTANGULAR LIGHT	26	0.034	0.884	1	0.884
8	COVE LIGHT ASSUMPTION 30MTR			0.27	1	0.27
9	EXHAUST FAN	2	0.7	0.027	1	0.027
10	SIGNAGE			5	1	5
A	TOTAL LIGHT LOAD			7.692		7.692
	ONE EXISTING METER FEED THE LIGHTING LOAD			7.732		7.732
	LOAD ON NEW METER					
11	LIGHT PLUG POINT	41	0.1	0.027	0.7	0.0189
12	POWER POINT	5	1	5	0.5	2.5
13	COMPUTER	29	0.4	11.6	1	11.6
	UPS REQUIRED			16	20KVA	"SAY"
14	AIR COND LOAD 1TR	4	1.5	6	1	6
15	AIR COND LOAD 1.5TR	1	2.25	2.25	1	2.25
16	AIR COND LOAD 3TR	2	6.75	13.5	1	13.5
15	MISCELANEOUS AIR COND LOAD (RECEPTION+MEETING+SEC. ROOM)			10	1	10
	TOTAL LOAD ON NEW METER			48.377		45.8689

ELECTRICAL PANEL

FOR TENDER PURPOSE

PROJECT : PROPOSED INTERIOR WORK FOR TDB OFFICE AT FAI HOUSE NEW DELHI -110016