

**MAHA TRANSCO**

MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO.LTD.

**Office of the Superintending Engineer**

Protection, Automation & Communication Circle, Block No. 12, New Admin Building, MSETCL, Near Durgamata Mandir, Old Saikheda Road, Jail Road, Nashik Road - 422 101
Email Id: se5500@mahatransco.in

Ref No.:- SE /PAC/Circle/ Tech /Nashik /

134-75

Date: 19 MAR 2025

To,

Sub: Budgetary offer called for supply of IED panels & retrofitting of IEDs at various SS under EHV PC (O&M) Zone Nashik for preparation of estimate.

Dear Sir,

With ref to the above subject, this office is processing the estimate of for supply of IED panels & retrofitting of IEDs at various SS under EHV PC (O&M) Zone Nashik. Hence the budgetary offer are invited for the said work by the undersigned from reputed, experienced & approved vendors of MSETCL. The details of Scope of work as below.

Scope of work:

1. Supply of IED panels along with wiring & fixing of Ashida make ADR245B IEDs (IEDs provided by MSETCL) as per attached sample drawing.
 - a. For 4 nos of IEDs -
 - b. For 8 nos of IEDs-
 - c. For 10 nos of IEDs-
2. Retrofitting of Ashida make ADR245B IEDs in existing C&R panel.
3. Supply of PLA relays along with base & channel (Heavy duty contact multiplier relays:-220VDC & 110VDC, Contacts 4NO, 4NC)-100qty loose.

It is requested to submit the budgetary offer for the above said scope of work till date 25.03.2025, 18:00 Hrs.

- The budgetary offer rates shall include all charges for transportation, T&P, skilled workmen etc.
- The Quantities and technical scope of work mentioned in our schedule are tentative & subject to varied.
- The agency has to visit any substation under Nashik zone to verify the actual scope of work before submission of budgetary offer.
- The GST & other taxes should mention in the budgetary offer.
- Budgetary offers received after the due date will not be accepted.

Encl- 1. IED panel Bill of material & sample IED panel drawing.
2. Cabinet detail drawing for IED relay.

Thanking you.

Yours faithfully

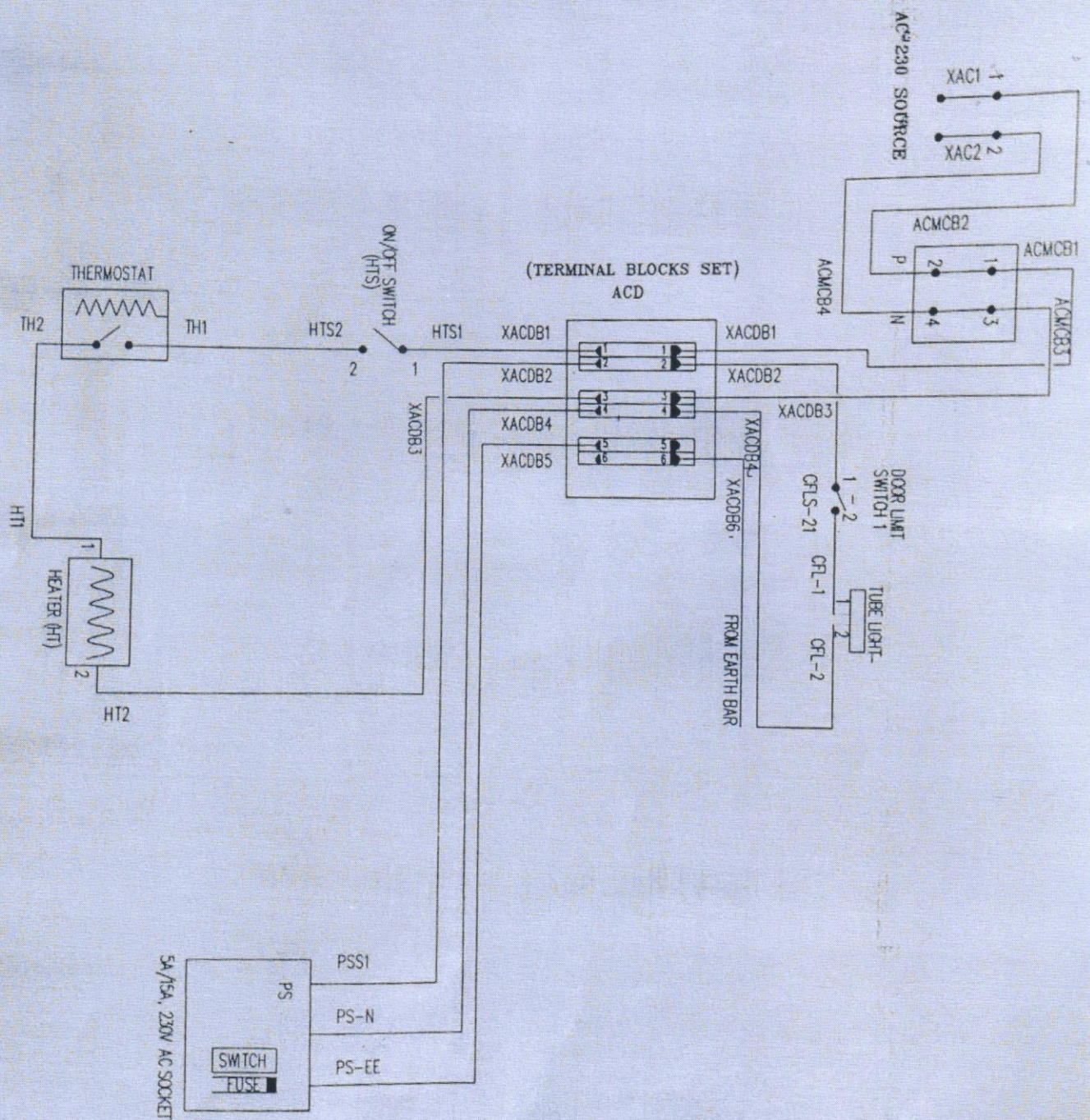
(Sanjay L. Atram)

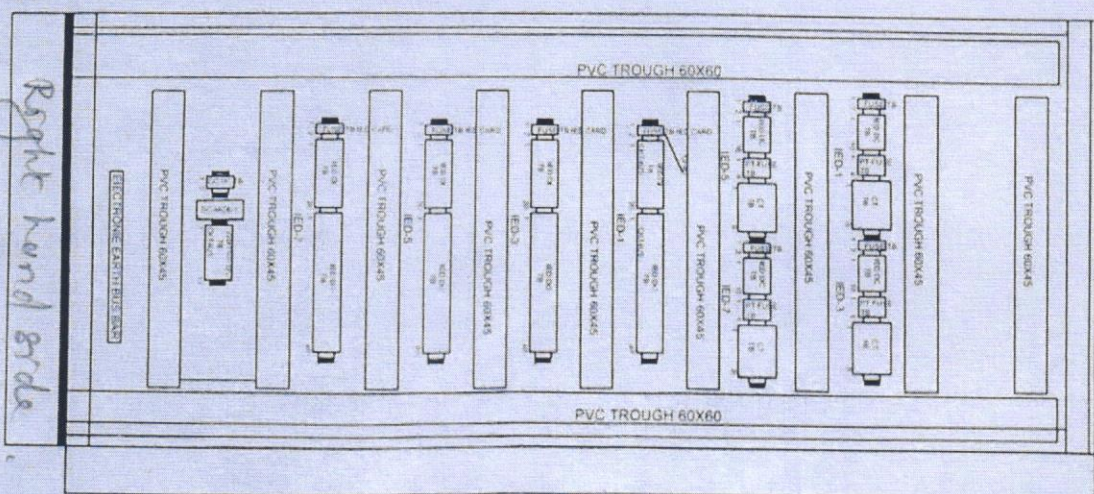
**Superintending Engineer
PAC Circle, MSETCL, Nashik**

Bill of material for IED Panel

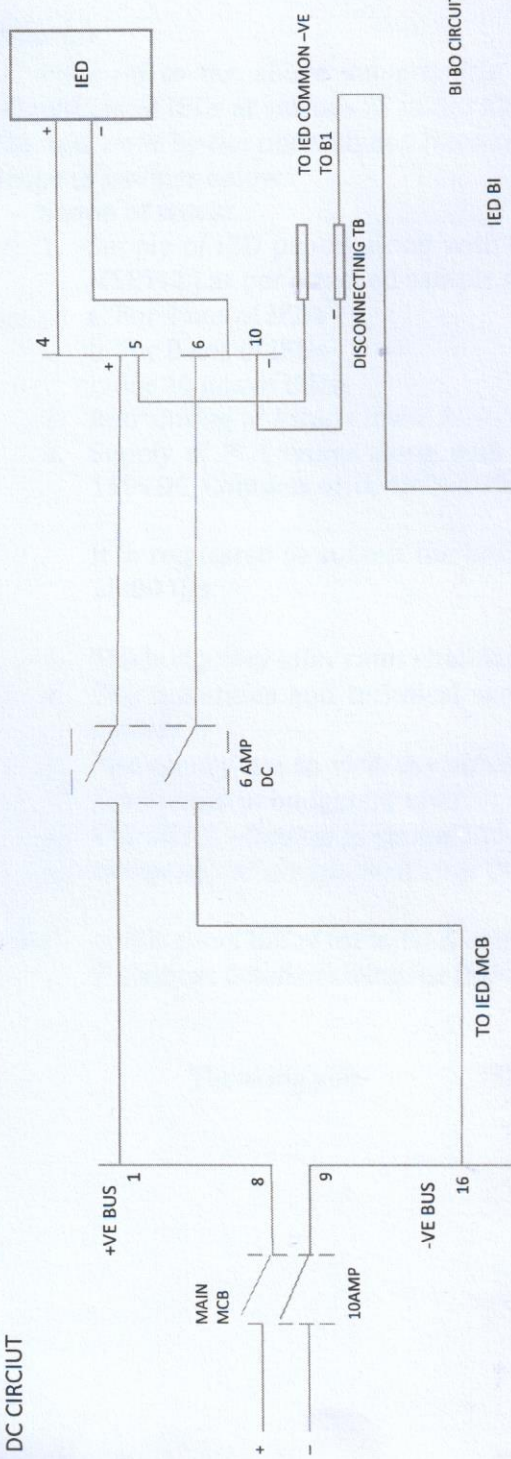
Sr. No.	Particulars	Quantity
A	IED panel (As per MSETCL Standards) with provision for housing of 4/8/10 nos of IEDs with back door opening & Blanking plate with cutout for IED (Panel dimension H____ x W____ X D____)	1 no. For ____ Nos. of IED
B	Per panel quantity	
1	Main MCB (16Amp DC 110V/220V)	1 no per panel
2	IED MCB (6Amp DC 110V/220V)	1 no per IED
3	For CT disconnecting TBs	8 nos. per IED
4	For PT disconnecting TBs	4 nos. per IED
5	For DI TBs (Screw type TBs)	For 16 BI per IED
6	For DO TBs (Screw type TBs)	For 16 BO per IED
7	Main DC Bus +ve, -ve set (disconnecting TBs)	2 nos. per panel
8	Aux DC to IED +ve, -ve set (disconnecting TBs)	1 Set per IED
9	16 Amp AC socket	1 no per Panel
10	TBs of AC main & DC main	6 nos per panel
11	AC MCB 16 Amp	1 no per panel
12	AC supply Bus P-N (4 each terminal) Terminal block set	1 no per panel
13	Door limit switch	1 no per panel
14	Panel LED lamp	1 no per panel
15	Thermostat	1 no per panel
16	Panel heater	1 no per panel
17	5 Amp/ 15 Amp, 230V AC Socket	1 no per panel
18	Earthing 25mm x 3mm bar	1 no per panel
19	Patch cord (SC-SC connector)(1 mtr)	1 no per IED
20	Patch cord (ST-SC connector)(15 mtr)	1 no per IED
21	Patch cord (LC-SC connector)(15 mtr)	3 nos Per Panel
22	PLA relay 220/110VDC (Heavy duty Contact Multiplier Relays) with mounting channel & base	Total 30 Nos. (to be supply Loose) Contact 4 NO 4NC

Note- Control wires for CT & PT circuit shall be of 2.5sqmm Multistrand copper & for AC/DC circuit shall be 1.5sqmm multistrand copper required

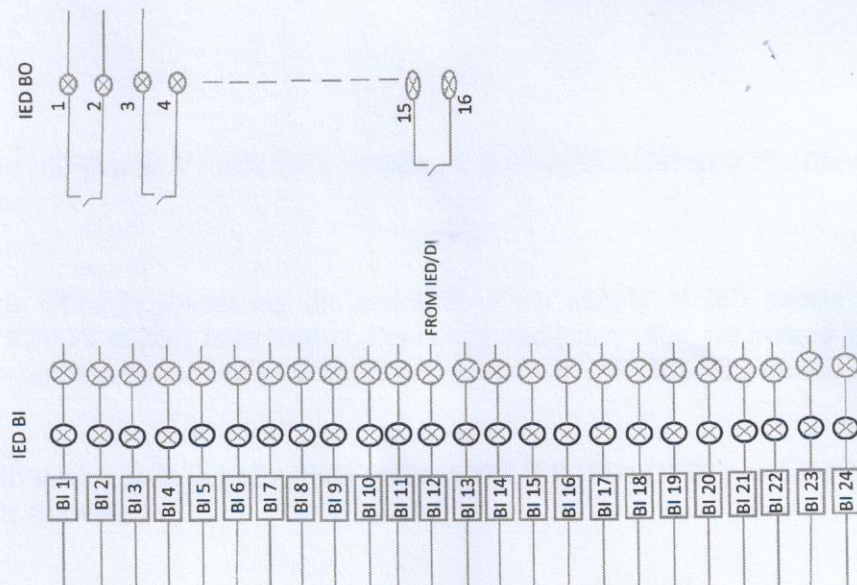


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DC CIRCUIT



BI BO CIRCUIT



AC CIRCUIT

