

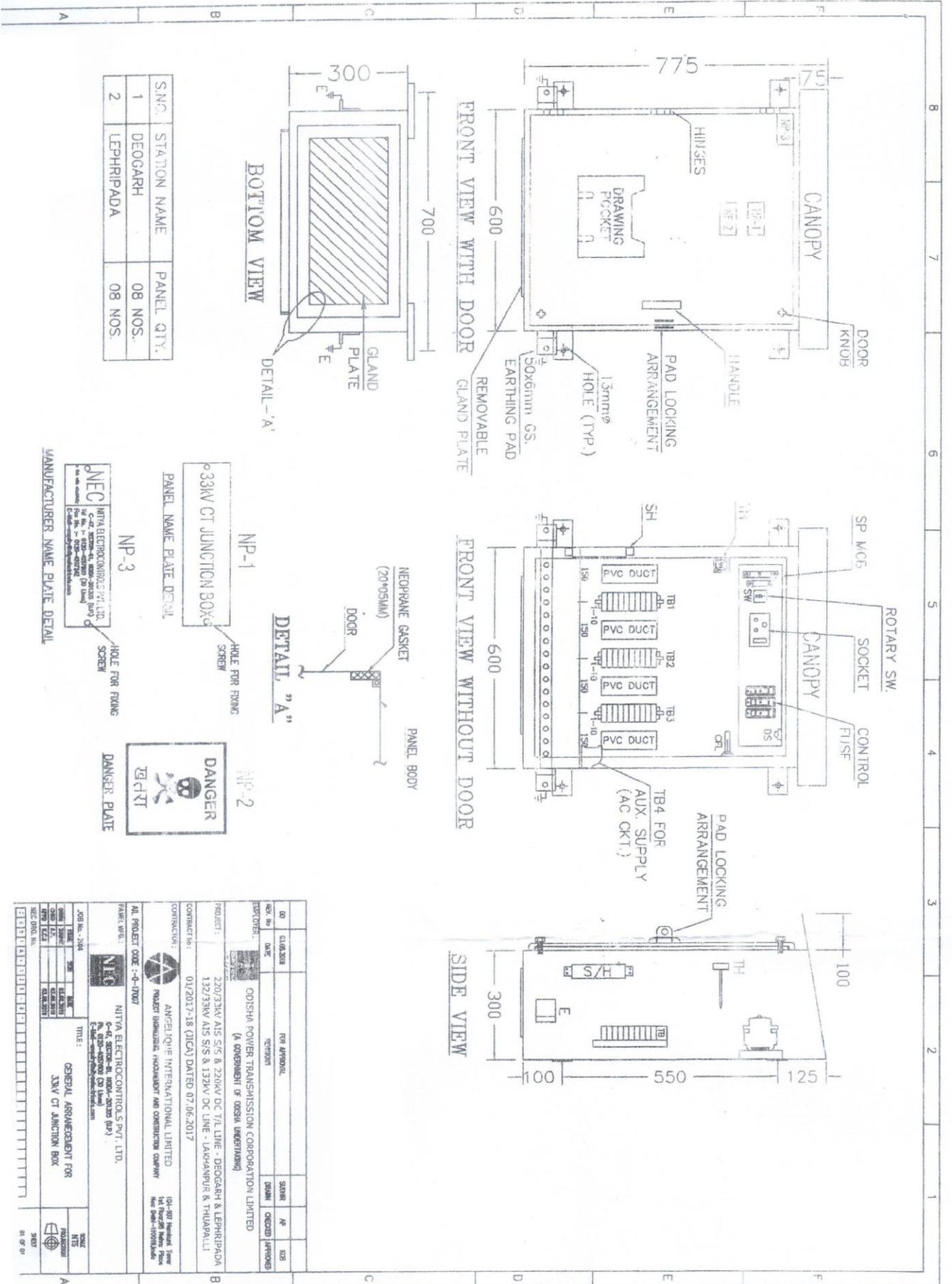
SECTION-IV
TECHNICAL SPECIFICATION & PRICE BID.

**SUPPLY OF 20NOS. OF 220KV, 15 NOS. OF 132KV AND 10 NOS. OF 33KV
(TOTAL- 45 NOS.) OUTDOOR CT JUNCTION BOX.**

Sl. No.	Description of Items.	Make	Unit	Qty.
1	4Sq.mm disconnecting type	Connectwell/ Elmex	Nos.	80
2	10Sq.mm Clip on terminal	Connectwell/ Elmex	Nos.	4
3	16A Fuse link with base	L&T/ABB/Schneider	Nos.	1
4	20A Neutral link	STS	Nos.	1
5	10A toggle switch	Reputed	Nos.	1
6	Thermostat (34° to 85° C)	Girish/ Anco	Nos.	1
7	240V, 60Watt Sapce heater	Hotwell/ RECO	Nos.	1
8	Door limit switch, On/Off	Reputed	Nos.	1
9	240V, 5Watt LED Lamp	Reputed	Nos.	1
10	16A, 240V 3Pin plug and socket	Reputed	Nos.	1
11	CT Junction Box as per General Notes, Digram-I & II	Reputed	LS	1

GENERAL NOTES: -

1. All Dimensions are in MM unless otherwise specified.
2. The box shall be fabricated out of 3MM thick all sheet and shall be suitable for outdoor installation.
3. All terminals shall be numbered from Top and each terminal block marked with reference letter as indicated.
4. All terminals except 3Nos. AUX terminals shall be disconnecting stud type and 650V Grade similar to Elmex make CAT M4.
5. 20% Spare terminals included in the given TBs.
6. Degree of protection for enclosure shall be IP55 as per IS:13947 (Pt-I) 1993.
7. Painting shade shall be as following
 - a) Interior and exterior – Smoky grey shade -692 of IS:5.
 - b) Paint thickness – minimum 60Microns.
8. Neoprene Gasket conforming to IS:11149 and IS:3400, shall be provided for all doors, removable gland plates as per type tested design.
9. CT Junction box shall conform to IS:8623, IEC-439, IS:5039.
10. All boxes shall be designed for cable entry from bottom.
11. All control circuit shall be done with 2.5Sqmm. black flexible copper wire of 1100V Grade.
12. Minimum size of power wiring 1.1KV Grade black with colour band.
 - a. Upto 10Amp – 2.5Sqmm copper.
 - b. 11Amp to 24Amp- 4Sqmm copper.
 - c. 25Amp to 32Amp – 6Sqmm copper.
 - d. 33Amp to 40Amp – 10Sqmm copper.
 - e. 41Amp to 63Amp – 16Sqmm copper.
 - f. PVC tag ferules 2.5Sqmm PVC with Nos.
 - g. Door earthing – 2.5Sqmm copper braided wire.
13. Danger label will be provided in English and Hindi language.
14. Name plate and label for external door shall be non-rusting materials.



S.NO.	STATION NAME	PANEL QTY.
1	DEOGARH	08 NOS.
2	LEPHRIPADA	08 NOS.

MANUFACTURER NAME PLATE DETAIL

NEC NITVA ELECTROCONTROLS PVT. LTD.
 C-42, SECTOR-16, NOIDA-201303 (UP)
 Ph: 0521-2072222
 Fax: 0521-2072222
 Email: info@nitvacontrols.com



NO.	REV.	DATE	BY	CHKD.	APP.	DESCRIPTION
01	1.0	01/06/2018				FOR APPROVAL
02	1.0					FOR APPROVAL
03	1.0					FOR APPROVAL
04	1.0					FOR APPROVAL
05	1.0					FOR APPROVAL
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