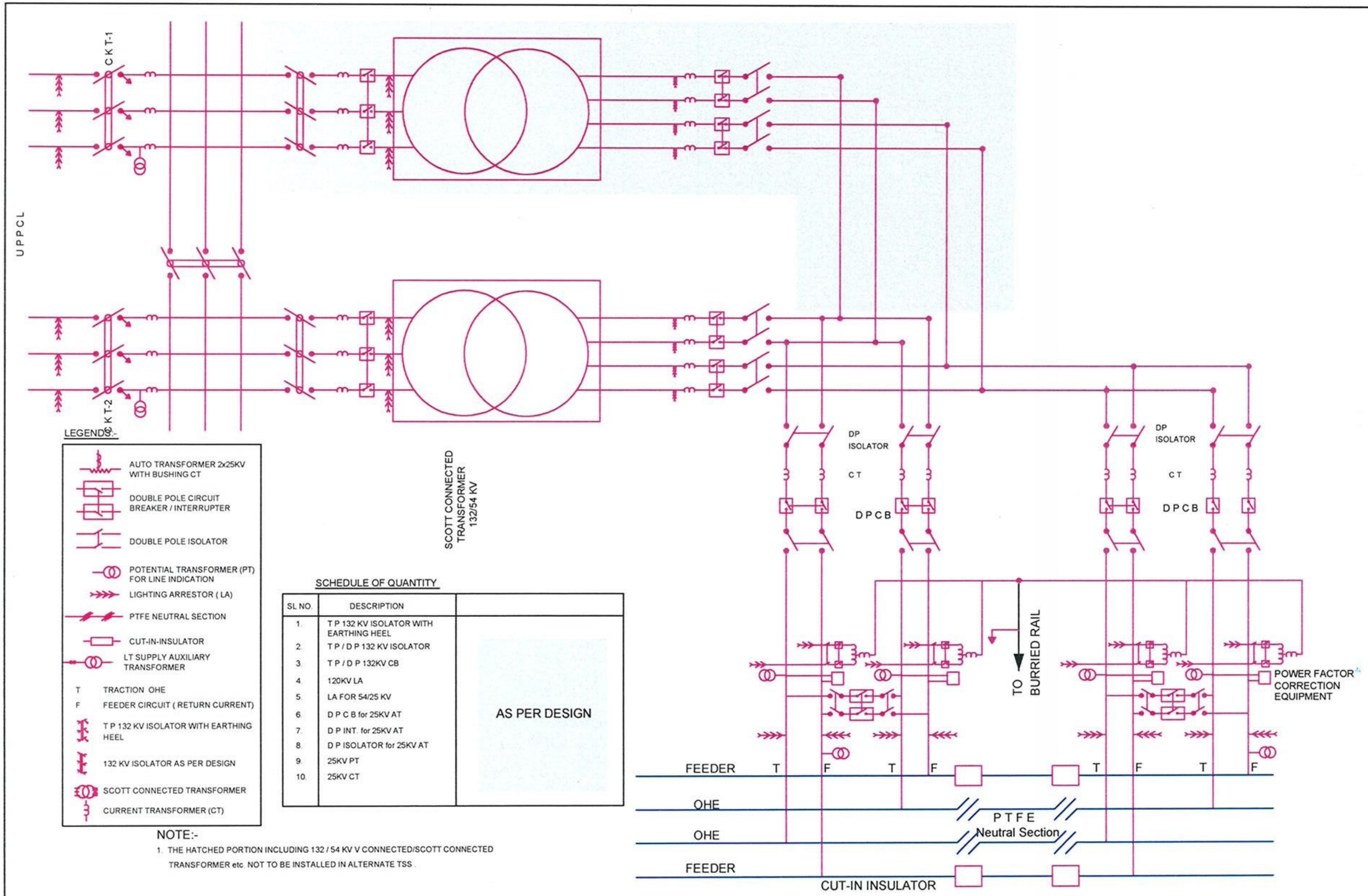

LEGENDS:-

- AUTO TRANSFORMER 2x25KV WITH BUSHING CT
- DOUBLE POLE CIRCUIT BREAKER / INTERRUPTER
- DOUBLE POLE ISOLATOR
- POTENTIAL TRANSFORMER (PT) FOR LINE INDICATION
- LIGHTING ARRESTOR (LA)
- PTFE NEUTRAL SECTION
- CUT-IN-INSULATOR
- LT SUPPLY AUXILIARY TRANSFORMER
- T TRACTION OHE
- F FEEDER CIRCUIT (RETURN CURRENT)
- T P 132 KV ISOLATOR WITH EARTHING HEEL
- 132 KV ISOLATOR AS PER DESIGN
- SCOTT CONNECTED TRANSFORMER
- CURRENT TRANSFORMER (CT)

SCHEDULE OF QUANTITY

SL NO.	DESCRIPTION	
1.	T P 132 KV ISOLATOR WITH EARTHING HEEL	AS PER DESIGN
2.	T P / D P 132 KV ISOLATOR	
3.	T P / D P 132KV CB	
4.	120KV LA	
5.	LA FOR 54/25 KV	
6.	D P C B for 25KV AT	
7.	D P INT. for 25KV AT	
8.	D P ISOLATOR for 25KV AT	
9.	25KV PT	
10.	25KV CT	

NOTE:-

1. THE HATCHED PORTION INCLUDING 132 / 54 KV V CONNECTED/SCOTT CONNECTED TRANSFORMER etc. NOT TO BE INSTALLED IN ALTERNATE TSS.

REV. NO.	DATE	DESCRIPTION	APPROVED

CONSULTANTS:
Parsons Brinckerhoff India Ltd.
Halcrow
Wilbur Smith Associates (Inc)
Lea Associates South Asia

CLIENT:
DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.
EASTERN CORRIDOR

PROJECT: **BHAUPUR - KHURJA SECTION**
GC CONTRACT NO. HQ/EN/GC/1/2008

TITLE : TYPICAL INDICATIVE SCHEMATIC DIAGRAM OF TRACTION SUB -STATION (TSS) WITH SCOTT CONNECTED TRANSFORMER 2 X 25 KV AT FEEDING SYSTEM

Designed :
Drawn :
Checked :
Approved :

Drg. No. DFC/EC/BH-KH/TSS/TR-02 (Rev.1)
Scale: NOT TO SCALE
Date:- 20th June, 2014
SHEET :