

## ANNEX 1

### SCOPE OF WORK.

**Name of the Project: DSA Room Electric Main Cable Work**

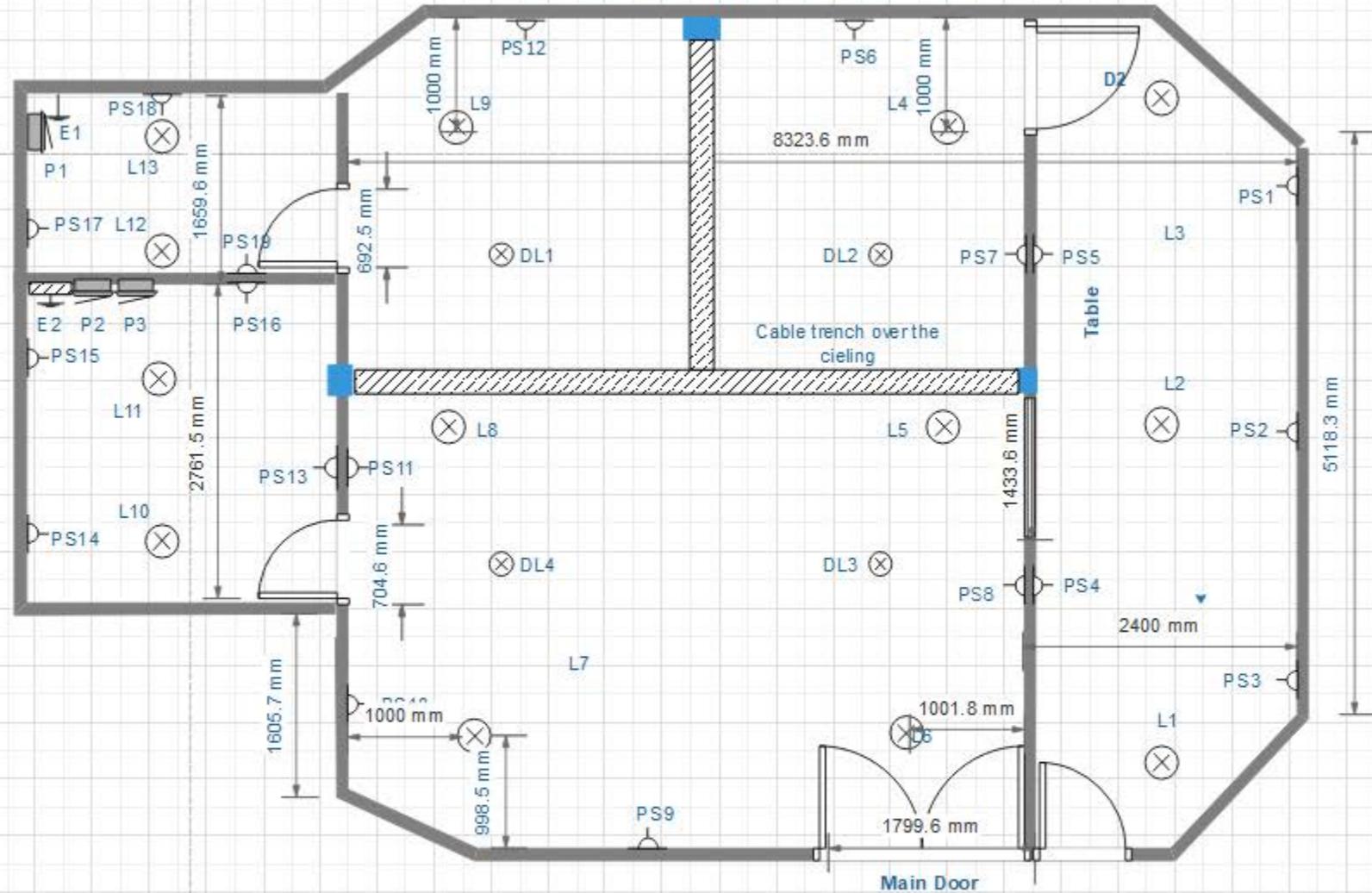
#	Description	Qty
1	Supply, installation, testing and commissioning of 120sqmm (non-armored, 4 Core Electric Cable from AEH distribution panel to DSA UPS room)	120 M
2	Supply, installation, testing and commissioning of 95sqmm earth cable form AEH panel room to DSA UPS room	120M
3	Design, Supply and Installation of distribution box in DSA UPS room (with 200A MCCB, OCR, ELR, Analyzer, Termination Block and Surge arrester) <b>MCCB</b> – Legrand DPX <sup>3</sup> or equivalent <b>ELR</b> – Delab DP-10 or equivalent <b>Analyzer</b> – Schneider -Easylogic PM2100 or equivalent. <b>OCR</b> – Delab DP-23 or equivalent	1 Item
4	Design supply and installation of distribution box in DSA UPS room (with 100A MCCB, OCR, ELR, Analyzer, Termination Block and Surge arrester) <b>MCCB</b> – Legrand DPX <sup>3</sup> or equivalent <b>ELR</b> – Delab DP-10 or equivalent <b>Analyzer</b> – Schneider -Easylogic PM2100 or equivalent. <b>OCR</b> – Delab DP-23 or equivalent	1 Item
5	Supply and installation of (200A MCCB, and Analyzer) in AEH Main Distribution Panel <b>MCCB</b> – Legrand DPX <sup>3</sup> or equivalent <b>Analyzer</b> – Schneider -Easylogic PM2100 or equivalent.	1 Item
6	Supply, install, test and commission cable trays, (300 x 40) mm as per drawings and specifications complete with supports, all accessories needed to complete the work as shown on drawing.	11 m
7	Supply, install, connect, test and commission a complete earthing system (less than 100 ohms)with 95sqmm cable for the CATHLAB including all conductors, termination to ,19 mm dia steel copper rods, cables, clamps, conduits, fixing, etc.,	1 Item

Note: Contractor should include GST and other relevant charges.



# PORPOSED DSA ROOM PLAN -ADDU CITY HOSPITAL MADIVES

(CABLE & WIRING TRENCH OVER THE CIELING)



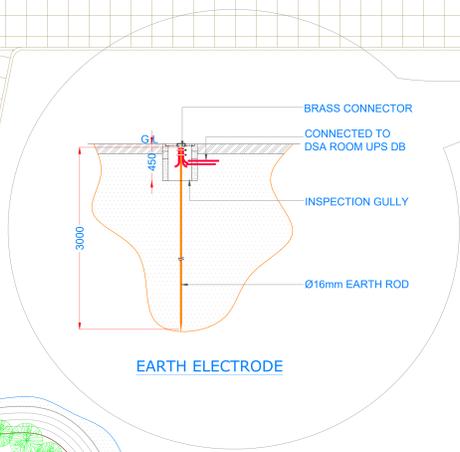
- PS1 - PS19 13A ups socket outlet
- P1 - UPS INPUT 380V-440V / E1 less than 100 Ohm separate Earth
- P2 - Machine INPUT from UPS 380V-440V / E2 Less than 100 ohme earth terminal bar
- P3 From UPS - 220V-240V
- DL1-DL4 LIGHT WITH DIMMER SWITCH

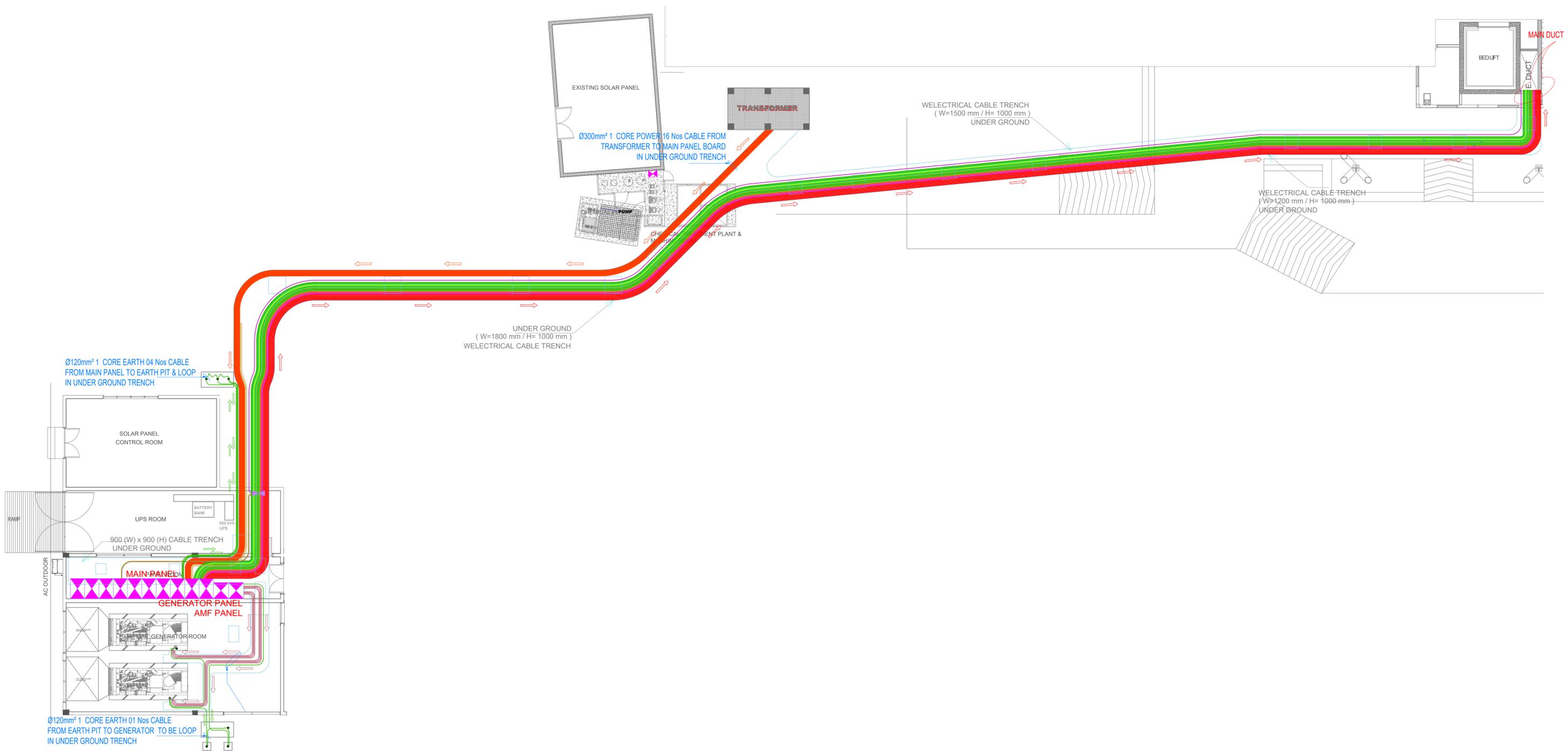
- ⊗ L1-L13 2' X2' Cieling lapms
- Wall openings for cable laying
- ▨ Cable trench for over the cieling

Activate Windows  
Go to Settings to activate Windows.



PROPOSED AREA FOR EARTH ROD PIT





# ELECTRICAL MAIN CABLE LAYOUT

SCALE 1: 150