HLL INFRA TECH SERVICES LIMITED (HITES)

(Subsidiary of HLL Lifecare Limited
A Government of India Enterprise)

TENDER

FOR

SHIFTING OF UNINTERRUPTED POWER SUPPLY (UPS) SYSTEM AND 34 NOS OF 100AH BATTERIES FROM CT SCAN ROOM TO CENTRALIZED UPS ROOM WITH ELECTRIFICATION, TESTING AND COMMISSIONING AT REGIONAL CANCER CENTRE (RCC), JIPMER, PUDUCHERRY.

Volume- IV

TECHNICAL SPECIFICATION

Tender Notice No. : HITES/FM/JIPMER/ELE/2021-22/002 Dated: 10.05.2021

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TECHNICAL SPECIFICATIONS

A BRIEF OF REQUIREMENT OF THE WORK:

General Scope of Work:

Shifting of Uninterrupted Power Supply (UPS) system and 34 Nos of 100AH Batteries from CT Scan Room to Centralized UPS Room with Electrification, Testing and Commissioning

1. Electrification work for shifting the UPS with complete power supply are rerouted with new copper conductor armoured power cable of 4 core 16Sqmm & 35 Sqmm
2. Providing and Fixing of MCCB's with 100A,30KA breaking capacity & 125A,200A
3. Providing and Fixing of Metal Enclosure for the above MCCB's fixing work with neutral link provision
4. Providing and fixing of 4.00 mm dia copper wire for earth looping along with cable connection
5. Shifting of 60KVA UPS from CT scan to Centralized UPS room

List of Approved Makes of Materials

S.No	Details of equipment/ material	Make / Manufacturer
1.	Cable Copper armoured cable	FRLSH- Polycab, RR Kable, Havells
2.	MCCB, L&T Catolgue No:CM909960000 and Catolgue No:CM910030000	L &T
3.	Metal Enclosure	L &T
4.	Medium Class PVC Conduit with accessories	Avon plast and any ISI certified