AMENDMENT NO.1 Dated 07.11.2026

AMENDMENT TITLE: CHANGE IN SCHEDULE – G, ANNEXURE 1, Technical Specifications
Reference No: HLL/IFC/UPS/2027-28

Tender Title: TENDER FOR THE SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF 40 KVA ONLINE UPS AT HLL FACTORY AT IRAPURAM, ERNAKULAM

The following amendment has been incorporated to the bid document for the above mentioned tender:

ANNEXURE 1

SCHEDULE - G

TECHNICAL SPECIFICATIONS

SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF 1000 KVA DG SET AND ALLIED WORKS

1. SCOPE OF WORK

The work under this contract shall include, supply, transportation, unloading, storage, installation, testing, commissioning, and handing over of a 40 kVA one no of online UPS with all accessories required for complete and satisfactory operation.

1. SITE VERIFICATION

The bidder shall visit the site and acquaint himself with the site conditions, existing installations, and scope of work. No claim arising out of lack of site knowledge shall be entertained.

17. SAFETY REQUIREMENTS

All works shall be carried out in compliance with applicable safety regulations. Proper earthing, fire safety measures, exhaust handling, and fuel safety provisions shall be ensured.

SPECIFICATION OF 40 KVA UPS

UPS Capacity: 40 kVA / 40 kW.
Type: IGBT-based, true online, double-conversion UPS system.
Input Supply: 3-Phase, 415 V AC, 50 Hz.
Output Supply: 3-Phase, 415 V AC, 50 Hz.
Output Power Factor: Unity (1.0).
Isolation Transformer: Inbuilt isolation transformer at the UPS output.
Battery Backup: Suitable battery bank to provide a minimum backup of 30 minutes at 100% rated UPS load (40 kW).

Battery Specifications:
Battery type: SMF VRLA.
Individual battery voltage: 12 V DC.
Battery bank voltage and configuration: As per UPS manufacturer's design.
Battery Ah capacity and total number of batteries shall be selected to meet the specified backup requirement.
The bidder shall submit detailed battery sizing calculations along with the technical offer.

Battery Accessories: Suitable battery rack/cabinet, DC interconnecting cables, battery MCB/DC protection and all necessary accessories shall be included.

Display and Monitoring: LCD display indicating input/output voltage, frequency, load percentage, battery status, alarms and fault indications.

Cooling: Forced air cooling.

Installation: Floor-mounted, industrial-duty type.

Warranty: Comprehensive warranty of 3 years for the complete UPS system, including batteries, from the date of successful installation and commissioning.

Documentation: Supplier shall submit technical datasheets, battery sizing calculations, operation and maintenance manuals, wiring diagrams and test reports.

Performance Guarantee: The supplier shall guarantee a minimum battery backup of 30 minutes at 100% rated UPS output load (40 kW), to be demonstrated during commissioning.