



NATIONAL HEALTH MISSION

Government of Meghalaya

DHS/NHM/HS/33/2024-2025 (VIII)

21.11.2024

ADDENDUM-2

Subject: "Selection of an Agency/Firm/Supplier/Contractor for Re-Designing, Constructing, and Equipping Health Facilities into Fully Functional First Referral Units (FRUs) in Meghalaya".

| UPS/INVERTER FOR OPERATION THEATRE | | | |
|------------------------------------|-----------------------------------|---|--|
| Sn. | Clause Ref. | Original Clause | Amended Clause |
| | Name of the item & Category | 5kVA UPS system with inbuilt isolation transformer 60 mins backup, Power conditioning equipment | |
| 1 | Uses | An uninterruptible power source with high frequency PWM technology, Double Conversion Online, solid neutral, Rated Power 5kVA- 5000 W for uninterrupted power during power cuts. It can be connected to one or more external cabinets containing valve-regulated, hermetically sealed accumulator batteries. The architecture of this UPS means it can be installed in Tower configuration. It also contains an inbuilt isolation transformer of 10kVA for load safety. UPS shall be capable of integrated parallel operation up to N+4 | The specification for 5kVA 5000W remains unchanged. This is based on the operational requirements of the facility. Bidders are requested to ensure compliance with this specification |
| 2.4 | Backup time Expansion | Yes | The UPS must provide a minimum battery backup of 60 minutes at full load, assuming the availability of a generator. If the generator is not available, a backup time of 2 hours is recommended. Additionally, the UPS solution should support the expansion of backup time by connecting additional battery banks if required. |
| 3 | Measurements W x D x H (mm) | 260 x 692 x 844 | We acknowledge that dimensions and weight may vary between brands. Therefore, these parameters are indicative and not mandatory. Bidders must ensure compatibility with the specified operational and installation requirements |

Draft #9 of File DHS/NHM/HS/33/2024-2025 Approved by Mission Director on 21-Nov-2024 05:21 PM - Page 1

Office of Mission Director, National Health Mission

Directorate of Health Services, Health Complex, Upper New Colony, Laitumkhrah, Shillong - 793003

Phone: (0364) 2504532 Email: nrhmmegh@gmail.com

www.nrhmmeghalaya.nic.in
 Nhm Meghalaya
 @iecbccnhmmegh
 IECBCC NHM Meghalaya



NATIONAL HEALTH MISSION

Government of Meghalaya

| | | | |
|----|--------------------------|--|--|
| | Net Weight (kg) | 72.5 kG | The specified weight of 72.5 kg is indicative and not mandatory. Variations in weight are acceptable as long as the UPS system meets all operational, safety, and performance requirements specified in the bid document. |
| 6 | Noise level at 1 m (dBA) | 50 dB at 1 meter | <p>1.Retain the noise level specification but include the tolerance ($\pm 20\%$) for practicality. This ensures flexibility while keeping the noise within an acceptable range.</p> <p>2.If the environment is especially noise-sensitive, you can tighten the tolerance (e.g., $\pm 10\%$)</p> |
| 10 | Environmental | PEP certified | <p>*For Environmental Impact Transparency: preferably PEP, as it provides detailed lifecycle data and is ideal for eco-labeling and sustainability marketing.</p> <p>*For Regulatory Compliance: Choose EPR, as it fulfills legal obligations related to waste management and recycling.</p> <p>Recommendation: Both certifications together provide the best value. PEP addresses the UPS's environmental performance during its use phase, while EPR ensures proper management at the end of its life. Together, they offer comprehensive coverage of sustainability and compliance.</p> |
| 11 | Service center | The OEM should have minimum 10-15 service centres in North East of India | <p>OEM should have their Registered distributor in Northeast and dedicated after sales service in North East.</p> <p>All brands should have service centers and registered distributors mostly located at Assam which is the Center for the entire Northeast and accordingly they have service engineers which are placed at all parts of the northeast.</p> |



NATIONAL HEALTH MISSION

Government of Meghalaya

| 11. Payment Terms | | | |
|-------------------|--|---|---|
| Sn. | Clause Ref. | Addendum-1 | Amended Clause |
| 11.1 | Milestones & Deliverables | i. 45% payment upon completion of civil, HVAC, electrical, and plumbing works. ii. 45% upon supplying medical equipment and furniture. iii. 10% upon installation, testing, and commissioning of medical equipment. TOTAL 100% | i. 30% payment upon completion dismantling & 50% progress of civil works. ii. 30% HVAC, electrical, plumbing and finishing civil works. iii. 30% upon supplying medical equipment and furniture. iv. 10% upon installation, testing, and commissioning of medical equipment. TOTAL 100% |
| 3 | Bid Data Sheet - 8. Date of Opening of Technical Bid | 26th November 2024 at 3:30 PM | 3rd December 2024 at 3:30 PM |

We hope these clarifications address your concerns. Please ensure that your bids comply with the updated requirements.

Ram Kumar S
Mission Director

**11. Payment Terms
Milestones & Deliverables**

| Payment Stage | Percentage | Items |
|----------------------|-------------------|---|
| 1 | 30% | Dismantling & 50% completion on Civil Works |
| 2 | 30% | HVAC, Electrical, Plumbing, & Finishing Civil Works |
| 3 | 30% | Medical Equipment & Furniture Supply |
| 4 | 10% | Equipment Installation, Testing, & Commissioning |
| Total | 100% | |