



## CHENNAI METRO RAIL LIMITED

(A Joint Venture of Govt. of India & Govt. of Tamilnadu)

### ADDENDUM NO: 1

Date: 28.04.2026

**Supply, Installation, Testing and Commissioning Works of UPS Battery Banks (SMF VRLA Battery cells) along with Dismantling of Old Battery Banks including Buyback of Old Batteries for 15 Metro Stations of Phase-1 network.**

**Tender No: CMRL/E&M-O&M/01/UPS BATTERY/2026**

S. No	Tender Clause	Modified and shall be read as
1	<p><b>Pg 20, Clause 15.2 f:</b> Following categories of bidders shall, however, be exempted from furnishing Bid Security and Tender Fee.</p> <p>Micro and Small Enterprises who are registered as Manufacturer or Works Category - whose credentials are validated online through Udyam Registration / Udyog Aadhaar (as validated by Government from time to time) and through uploaded supporting documents.</p>	<p><b>Pg 20, Clause 15.2 f:</b> Following categories of bidders shall, however, be exempted from furnishing Bid Security only.</p> <p>Micro and Small Enterprises who are registered as Manufacturer or Works Category - whose credentials are validated online through Udyam Registration / Udyog Aadhaar (as validated by Government from time to time) and through uploaded supporting documents.</p>
2	<p><b>Pg 23, b. Work Experience,</b></p> <p>During last 7 years ending the last day of month previous to the date on which applications are invited (From 1st Jan 2019 to 31st Dec 2025), the bidder should have any one of the following experiences.</p>	<p><b>Pg 23, b. Work Experience,</b></p> <p>During last 7 years ending the last day of month previous to the date on which applications are invited (From 1<sup>st</sup> Mar 2019 to 28<sup>th</sup> Feb 2026), the bidder should have any one of the following experiences.</p>
3	<p><b>Pg 26, Mandatory requirements:</b></p> <p>2.The certificate of 5 Years satisfactory operation of same (quoted) batteries above or equal to 240 AH with online UPS in any Central / State Government/ Central or State PSU's/ Railways/ Metro Rail Corporations/ Commercial Office space buildings</p>	<p><b>Pg 26, Mandatory requirements:</b></p> <p>2.The certificate of 5 Years satisfactory operation of same (quoted) batteries above or equal to 240 AH with online UPS in any Central / State Government/ Central or State PSU's/ Railways/ Metro Rail Corporations/ Commercial Office space</p>

	<p>organization and should have been completed during last 7 years period from the date of publishing of the tender along with the necessary documentary evidence of performance certificate duly signed by not less than Superintending Engineer / GM level (or) equivalent cadre personnel rank shall be attached along with this bid. If the bidder fails to submit so, the bid will be summarily rejected.</p>	<p>buildings organization and should have been completed during last 7 years period from the date of publishing of the tender along with the necessary documentary evidence of performance certificate duly signed by not less than Superintending Engineer / GM level (or) equivalent cadre personnel rank shall be attached along with this bid. If the bidder fails to submit so, the bid will be summarily rejected.</p> <p><b>Note:</b> In cases where the <b>5-year satisfactory operation period is completed prior to the stipulated period as above</b>, bidders shall submit:</p> <p>The relevant <b>completion/performance certificate</b>, along with the <b>latest valid type test report (from March 2019 to February 2026)</b> for the same model referenced in the performance certificate. Proof of the document shall be submitted for the same.</p>
4	<p><b><u>Pg 27, c. Clarification on Non-Qualifying Work Experience:</u></b></p> <p>If the experience claimed is <b>limited to supply only, or installation only, or AMC/maintenance works</b>, without execution of <b>complete SITC scope – non qualifying</b>.</p>	<p><b><u>Pg 27, c. Clarification on Non-Qualifying Work Experience:</u></b></p> <p>If the experience claimed is <b>limited to supply only, or installation only, or AMC/maintenance works</b>, without execution of <b>complete SITC scope – non qualifying</b>.</p> <p><b>However, for the VRLA battery manufacturer (OEM), the supply also can be considered for similar work experience.</b></p>
5	<p><b>Pg no.84, Clause 5.39</b></p> <p>The contractor shall provide good-quality Cell pullers and Gas-releasing tools with each delivered battery bank set.</p>	<p><b>Pg no.84, Clause 5.39</b></p> <p>The contractor shall provide good-quality Cell pullers (1 set for each station) based on the battery capacity.</p>

6	<p><b>Pg no.84, Clause 5.44</b></p> <p>MS battery racks/Battery stands shall be provided for the placing the newly procured batteries in groups, arranged on each rack as per the general arrangement design approved by CMRL. The MS Battery rack shall be of bolted-type construction preferably allowing easy assembly and dismantling at site using MS sections. All fasteners/nuts/bolts/washers etc. shall be Nickel/Cadmium Coated to prevent corrosion/rusting.</p>	<p><b>Pg no.84, Clause 5.44</b></p> <p>MS battery racks/Battery stands shall be provided for the placing the newly procured batteries in groups, arranged on each rack as per the general arrangement design approved by CMRL. The MS Battery rack shall be of bolted-type construction preferably allowing easy assembly and dismantling at site using MS sections. Rack fasteners shall be GI (Galvanized Iron), and the cell fasteners shall be lead coated MS Fasteners. The above materials and coatings shall be accepted by CMRL to avoid the corrosion. In the event of corrosion surfacing, contractor needs to replace.</p>
7	<p><b>Pg no.86, Clause 7a.</b> <b><u>Liquidated damages for delay:</u></b></p> <p>For each week of delay until the works are completed, the Contractor shall pay an amount equal to 0.1% of the total contract value, up to a maximum of 10% of the total contract value.</p>	<p><b>Pg no.86, Clause 7a.</b> <b><u>Liquidated damages for delay:</u></b></p> <p>For each week of delay until the works are completed, the Contractor shall pay an amount equal to 0.1% of the contract value for the delayed batch, up to a maximum of 10% of the contract value of the delayed batch.</p>
8	<p><b>Pg no.95, Clause 26.3.0.</b></p> <p><b>26.6. New Clause added.</b></p>	<p><b>Pg no.95, Clause 26.3.0.</b></p> <p><b>26.6.</b> As per IS 15549, the following tests are considered as type tests for VRLA batteries and the report for the same shall be provided.</p> <ol style="list-style-type: none"> <li>1. Capacity and efficiency-related tests</li> <li>2. Short circuit / high discharge performance tests</li> <li>3. Internal resistance / conductance tests</li> <li>4. Safety valve / vent pressure performance tests</li> </ol> <p>All other apart from the above specified tests, as per tender document (26.3) shall be witnessed at factory during the inspection visit by CMRL.</p>
10	<p><b>Pg no.102, Annexure-I (Point 9):</b></p> <p>Discharge test of batteries at 10 hr. rate of discharge to end cell voltage of 1.75 volt per cell to conform to the requirement of IS:</p>	<p><b>Pg no.102, Annexure-I (Point 9):</b></p> <p>Discharge test of batteries at 10 hr. rate of discharge to end cell voltage of 1.75 volt per cell to conform to the requirement of IS:</p>

	<p>15549/2005 should be carried out by the supplier at the works of manufacturer and at the site. The ambient temperature at the place of installations will be considered for the calculation period of discharge.</p>	<p>15549/2005 should be carried out by the supplier at the works of manufacturer and at the site. The ambient temperature at the place of installations will be considered for the calculation period of discharge.</p> <p><b>Note:</b> C-10 discharge test shall be conducted by the manufacturer in factory during factory acceptance test and shall be witnessed by CMRL.</p> <p>In CMRL site, the conductance of this test at respective stations, shall be decided and informed to contractor after completion of the installation process. Upon instructions from CMRL, the contractor shall <b>carry out the discharge test at site</b> using <b>adequate and calibrated load banks</b> for each UPS system. All necessary arrangements, including <b>instruments, manpower, and safety measures</b>, shall be in the contractor's scope.</p>
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**Note to the Bidders:** The above said Addendum-1 to be duly sealed and signed by the authorized signatory of the Bidder and to be submitted along with the bid as part of the Tender Document to complete the process of tender submission (as a proof of having reviewed the above conditions).

**For Managing Director, CMRL**

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Chief Advisor (O&M)**