

Amendment No.-I dated 17.06.2026 to the Bidding Documents for BESS installation (100kW/100kWh) at Badarpur & Khlerihat Ss of NERTS.

(Specification No. NER/NT/W-BESS/DOM/H00/26/06128)

S No.	Volume/ Section/ Clause No.	Existing Provision/ Bidder's Queries	Amended as/ POWERGRID's Reply
1	Volume II- Technical Specifications	<p>Clause 2.5 of Technical Specification section (Size 100 KW/100 KWh) We request you to also allow to bifurcate the load requirement and permit independent multiple BESS systems system (For example - Two independent 50 kW / 50 kWh systems). Justification: This will improve redundancy and availability, enables maintenance without complete shutdown, enhances operational flexibility, reduces single point of failure risk.</p>	<p>Bidder is allowed to deploy different rating BESS, provided the BESS is charged & discharged up to 100 KWh within 1 hour while meeting all required performance parameters.</p> <p>Please refer Amendment - I, Sr.No-1</p>
		<p>Clause 2.5 of Technical Specification section (Response Time Requirement (<300 ms)) We request to revise the response time requirement from <300 ms to approximately 8 seconds in cases where no critical load support is envisaged.</p> <p>Justification: Response time of 300 Ms is only needed for critical applications and currently achieved thru Static transfer switch. To have STS for loads which are not critical and can manage with few seconds of delay (as with DG generator), adding an STS will add to cost and sub optimal procurement . Hence allowing load bifurcation into critical and non-critical as</p>	<p>Bidder is to quote as per Technical Specifications shared alongwith bid.</p>

		<p>mentioned in above point 1 will further help in reducing procurement price.</p> <p>Further, extremely fast response times are generally required for frequency containment or mission-critical backup applications. Relaxation of this requirement would optimize overall system design and project economics without impacting intended functionality.</p>	
		<p>Clause 2.5 of Technical Specification section (C - Rate) We request that the specified C-rate requirement may be modified to up to 0.5 C rating configurations. Justification: Lower C-rate systems improve battery life and thermal performance. Reduced stress on cells enhances long-term degradation characteristics. Enables safer and more efficient operation in remote climatic conditions. Most of the systems now come with 0.5 C rating (2 hours back up) like 125 KW/261 Kwh.</p>	<p>Bidder is allowed to deploy different C-Rate BESS, provided the BESS is charged & discharged up to 100 KWh within 1 hour while meeting all required performance parameters.</p> <p>Please refer Amendment - I, Sr.No-1</p>
		<p>EMS / Controller Origin We request that EMS, controller software, and supervisory platforms may be sourced from countries outside restricted/high-risk jurisdictions. Justification: Cybersecurity and data sovereignty are becoming increasingly important for grid-connected assets. Globally trusted software ecosystems improve long-term maintainability and securit</p>	<p>Bidder is to quote as per Technical Specifications shared alongwith bid documents.</p> <p>Additional feature if desired can be added by the bidder. However, matching of Technical Specifications floated alongwith bid is mandatory.</p>

		<p>Future-Proof Power & Capacity Scaling We request consideration for architecture flexibility and future scalability requirements. Justification: While the current application may primarily involve offgrid functionality, future operational requirements (which are quite at advance stage in regulatory framework in India like VPP Ancillary market, etc) may evolve to include: Frequency response Virtual Power Plant (VPP) participation Peak demand management Grid support and ancillary services</p>	<p>Bidder is to quote as per Technical Specifications shared alongwith bid documents.</p> <p>Additional feature if desired can be added by the bidder. However, matching of Technical Specifications floated alongwith bid is mandatory.</p>
		<p>Cybersecurity & Data Ownership Requirements We request inclusion of cybersecurity and data governance provisions within the tender framework.</p> <p>Suggested Considerations: EMS and remote operation platforms should preferably be developed outside high-risk jurisdictions Customer/utility should retain operational data ownership and access control Compliance with internationally recognized cybersecurity standards may be considered Justification: As grid-connected storage assets become increasingly digitalized, cybersecurity is emerging as a critical technical and operational parameter for utilities worldwide.</p>	<p>Bidder is to quote as per Technical Specifications shared alongwith bid documents.</p> <p>Additional feature if desired can be added by the bidder. However, matching of Technical Specifications floated alongwith bid is mandatory.</p>

	General	<p>Local Content Requirement – Class I / Class II Supplier</p> <p>We request modification of the eligibility criteria from only “Class I Local Supplier” to permit participation by both Class I and Class II suppliers.</p> <p>Justification: This would encourage participation of advanced international technologies with Indian integration and also supports deployment of high-quality, globally proven BESS platforms.</p>	<p>Being a works package, the tender is reserved for Class-I local supplier with minimum local content 60%.</p>
2	Volume I-04-Annexure-B (BDS)	Existing “04-Annexure-B(BDS)”	Revised “04-Annexure-B(BDS)” is attached. Bidder may please refer to the revised annexure.