Clarification No. 3 dated 10/07/2026 to the Bidding Documents of Reconductoring Packages OH01, OH02 & OH03 associated with Eastern Region Expansion Scheme (ERES)-44.

Spec. Nos. CC/NT/W-COND/DOM/A01/26/07452 (OH01), CC/NT/W-COND/DOM/A01/26/07453 (OH02), CC/NT/W-COND/DOM/A01/26/07454 (OH03)

Sl No:	Clause Reference and Description	Queries asked by the bidder	POWERGRID's clarification
1	Technical Specifications, Volume-II	We would like to bring to your kind attention that ASTM International has recently published ASTM B1012 – Standard for Shaped Wire Compact Concentric-Lay-Stranded Aluminum Conductors, Carbon Fiber Composite Supported (ACCFCS/TW). ASTM B1012 is the applicable international standard for the complete ACCFCS/TW conductor, while ASTM B987-25 specifies the requirements and Design Validation Tests for the polymer matrix composite (PMC) core. The offered HTLS conductor and its associated core shall comply with the applicable published national and/or international standards. In view of the above, we respectfully request that the tender specification be amended to explicitly state the following: 1. The offered HTLS conductor shall comply with ASTM B1012 (or any equivalent applicable national/international standard) covering the complete conductor system. 2. The offered PMC core shall comply with ASTM B987-25, including successful completion of all Design Validation Tests specified in Table 2 of the standard. Accordingly, our understanding is that during the detailed engineering stage, PGCIL's evaluation will require offered PMC core fully tested as per Design Validation Tests specified in Table 2 of ASTM B987-25. Further, where the PMC core includes a metallic cover, PGCIL's evaluation will require offered PMC core with metallic cover on fully tested as per Design Validation Tests specified in Table 2 of ASTM B987-25. Additionally, it is our understanding that where a metallic cover is provided over the PMC core, the bidder shall be required to demonstrate compliance with any of the applicable standards listed under Volume-II, Section-VIIB (HTLS Conductor), Clause 2.14 – Standards (Page 18 of 29). This understanding is aligned with the advisories and guidelines issued by the Central Electricity Authority (CEA), which emphasize compliance of PMCcore-based conductors with applicable national and/or international standards. We therefore kindly request you to confirm whether our above understanding is correct so that we can prepare and submit our bid accordingly.	Bidder may refer clause 1.9.2 of SECTION-VIIB of Technical specification (VOLUME-II) wherein it is specified that "*..... In case of Polymer Matrix Composite (PMC) core, offered core design shall meet the provisions of ASTM B987-25*" . In this regard, it is clarified that the provisions of ASTM B987 includes design validation tests.

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2	Technical Specifications, Volume-II	We refer to the above-mentioned tender and wish to convey our sincere appreciation for the opportunity to participate in this prestigious project. Our company is keenly interested in submitting a technically responsive and commercially competitive bid. During our detailed review of the tender specification, we noted that ASTM has recently published ASTM B1012 – Standard for Shaped Wire Compact Concentric-Lay-Stranded Aluminium Conductors, Carbon Fiber Composite Supported (ACCFCS/TW), which establishes the internationally recognized requirements for the complete ACCFCS/TW conductor. ASTM B1012 governs the complete conductor & so is the applicable international standard for the complete ACCFCS/TW conductor, while ASTM B987-25 specifies the requirements and Design Validation Tests for the polymer matrix composite (PMC) core. The refined HTLS conductor and its associated core shall comply with the applicable published national and/or international standards. Accordingly, we request that the specification explicitly provides that: •The offered HTLS conductor shall comply with ASTM B1012 (or an equivalent applicable national/international standard) covering the complete conductor. •The offered PMC core shall comply with ASTM B987-25, including successful completion of all Design Validation Tests specified in Table 2. Thus, as a bidder, we understand that, during technical evaluation, PGCIL will evaluate compliance of the offered PMC core fully tested against the Design Validation Tests prescribed in Table 2 of ASTM B987-25. Further, wherever the PMC core is part of the offered HTLS complete covered core shall also be required to have successfully passed the same Design Validation Tests specified in Table 2 of ASTM B987-25. It is also our understanding that the metallic covering, where applicable, shall comply with the standards specified under Clause 2.14 (Standards) of Volume II, Section VIII (HTLS Conductor) Pg No 18 of 29. We believe this approach is fully aligned with the intent of the CEA guidelines/advisories, which emphasize adherence of all PMC cores to recognized national or international standards. We shall be grateful if you could kindly confirm whether the above understanding is in line with PGCIL's intended technical requirements. Such clarification will ensure uniform interpretation of the specification by all prospective bidders and facilitate submission of technically compliant offers. Furthermore, in view of the recent publication of ASTM B1012 and the need for bidders to comprehensively evaluate its technical implications, we respectfully request an extension of the bid submission deadline by two weeks. The requested extension will enable all prospective bidders to incorporate the latest international standard in their technical evaluation, thereby enhancing competitiveness and ensuring complete compliance with the Employer's requirements.	Bidder may refer clause 1.9.2 of SECTION-VIIB of Technical specification (VOLUME-II) wherein it is specified that "*..... In case of Polymer Matrix Composite (PMC) core, offered core design shall meet the provisions of ASTM B987-25*" . In this regard, it is clarified that the provisions of ASTM B987 includes design validation tests.
3	Technical Specifications, Volume-II	The Tower Schedule has not been provided in the tender documents. In absence of this critical input, accurate alignment of route survey findings, quantity assessment, logistics planning, and execution strategy becomes extremely difficult. We therefore request you to kindly provide the Tower Schedule at the earliest.	Tower schedule is already attached as SECTION-XIII of Technical specification (VOLUME-II). Kindly refer the same.

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4	Section-IA, Clause 1.4 of the Technical Specifications, Volume-II	Section-IA, Clause 1.4 of the Technical Specification specifies different conductor design for various transmission lines for Package OH01, OH02 & OH03. While the specification requires that only one HTLS conductor design shall be offered for each package to comply with all the sag-tension conditions applicable to that respective package, it is not explicitly mentioned whether the same HTLS conductor design is required to be offered across all three packages. Since the sag-tension requirements vary between the packages, we request your clarification on whether bidders may offer different HTLS conductor designs for Packages OH01, OH02 and OH03, provided that the offered conductor for each package fully complies with all the technical, electrical, physical and sagtension requirements specified for that particular package. Kindly confirm whether offering different conductor designs for different packages shall be considered acceptable during technical evaluation.	Bidder to refer clause 1.4,Section-IA of Technical specification. The Provision of bidding documents shall prevail.