Consolidated Pre-Bid Clarification

Tender No.: **CMC/26-27/BY/PR/PT/RB/SkS/SV/PC/34 (RFx No. 2200000264)** **Date: 16.11.2026**

Tender Description: **SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF HV TEST PANEL (UPTO 2.5 MVA TRANSFORMER)**

S/n	Clause Reference		Clause Description	Queries from Bidders	BYPL Clarification/Response
1	INFORMATION TO BIDDER (ITB)	The bidder must have supplied at least 5 nos of HV Test Panel (upto 2.5 MVA Transformer) in	i. PO Copies for supply of offered HV Test panel (upto 2.5 MVA Transformer). ii. Delivery Completion	i. PO Copies for supply of offered test and measurement equipment which is used in production of HV test panel .	Deviation not allowed
2	INFORMATION TO BIDDER (ITB) 2.00 QUALIFICATION CRITERIA 2.01 Technical Criteria:	The Bidder should have at least 5 years of experience in design and manufacturing of HV Test panel (upto 2.5 MVA Transformer).	i. PO Copies for supply of offered HV Test panel (upto 2.5 MVA Transformer). ii. Delivery Completion certificate. iii. OEM's credentials will also be considered against this QR in case bidder is an authorized supply partner.	Note: By considering above, please give us relaxation in this clause so that we can be eligible to participate in this BID.	Deviation not allowed
3	INFORMATION TO BIDDER (ITB) 2.00 QUALIFICATION CRITERIA 2.01 Technical Criteria:	The bidder shall submit 01 nos. Performance Certificates of the offered equipment showing satisfactory operation for at least one year from utilities /Govt. undertakings/PSUs /State Electricity Boards/reputed company/ reputed transformer manufacturers for the offered equipment. In case the bidder has previously been associated with BRPL/BYPL for similar product and service, the performance feedback for that bidder by BRPL/BYPL may be considered irrespective of performance certificate issued by any third party organization.	i. Performance Certificate linked with PO copy of the offered HV Test panel (upto 2.5 MVA Transformer). ii. PO Copies of the offered equipments. iii. OEM's credentials will also be considered against this QR in case bidder is an authorized supply partner.	i. Performance Certificate linked with PO copy of the offered HV Test panel (upto 2.5 MVA Transformer). ii. PO Copies of the offered equipments. iii. OEM's credentials will also be considered against this QR in case bidder is an authorized supply partner. or Bidder should have a Demo Test bench to showcase the capability. Note: By considering above, please give us relaxation in this clause so that we can be eligible to participate in this BID.	Deviation not allowed
4	APPENDIX I -A.2 Technical Bid	Type Test Reports	Bidders shall submit a copy of type test reports in their technical bids in support of technical specifications. Duly filled and signed as per enclosed format at APPENDIX I ANNEXURE – 1.12	Bidders shall submit a copy of type test reports for individual instrument to be used in test bench in their technical bids in support of technical specifications. Duly filled and signed as per enclosed format at APPENDIX I ANNEXURE – 1.12 Note: By considering above, please give us relaxation in this clause so that we can be eligible to participate in this BID.	Deviation not allowed
5	GENERAL CONDITIONS OF CONTRACT(GCC)	Liability of Suppliers		Kindly add - The Limitation of Liability shall not exceed the 100% of the contract value	Tender terms and conditions shall prevail.
6	ANNEXURE – 2.05 SUMMARY OF COMMERCIAL TERMS AND CONDITIONS - SUPPLY	Tentative Delivery Schedule	Within 60 days from issue of LOI/PO date.	Within 12-14 weeks from issue of LOI/PO date. Note: By considering above, please give us relaxation in this clause so that we can be eligible to participate in this BID.	Tender terms and conditions shall prevail.
7	ANNEXURE – 2.05 SUMMARY OF COMMERCIAL TERMS AND CONDITIONS - SUPPLY	Payment terms	Part 1) 80% of the basic value with 100% taxes and duties shall be paid in 45 days from the date of receipt and acceptance of GOODS at the store(s)/site(s) against submission of documents. Part 2) Balance of 20% of basic value shall be paid in 30 days from the date of successful testing, commissioning and handing over duly certified by BYPL Engineer-in-Charge.	Part 1) 20% advance against PO Part 2) 60% of the basic value with 100% taxes and duties shall be paid in 45 days from the date of receipt and acceptance of GOODS at the store(s)/site(s) against submission of documents. Part 3) Balance of 20% of basic value shall be paid in 30 days from the date of successful testing, commissioning and handing over duly certified by BYPL Engineer-in-Charge.	Tender terms and conditions shall prevail.
8	Clause 4.2.1 – Conducting Tests, Sr. No. (vi): Vector Group and Magnetic Balance Test			The detailed technical specifications and testing requirements for Vector Group and Magnetic Balance Tests are missing. We are submitting the suggested Technical Specs herewith for your references. As Annexure-A	Noted. We will discuss these specifications with all participating vendors and confirm during technical Evaluation
9	Clause 4.3.1 – Test Bench, Sr. No. (v): LT & HT Capacitor Bank			The technical specifications and ratings of the LT and HT Capacitor Banks have not been specified. We are submitting the suggested Technical Specs herewith for your references. As Annexure-A	Noted. We will discuss these specifications with all participating vendors and confirm during technical Evaluation

10	Clause 4.3.3.2 – Booster Transformer Rating, Sr. No. (iii): Output Voltage – 1.1 kV			Considering the maximum impedance of a 2.5 MVA transformer as 7%, the required voltage for conducting the intended short-circuit impedance test is approximately 770 V as per the voltage class 11KV/415V, 2.5MVA. Accordingly, a booster transformer with an output rating of 800 V, 170 A should be sufficient. Kindly the specified output voltage from 1.1 kV to 800 V, with a suitable current rating.	Noted. We will discuss these specifications with all participating vendors and confirm during technical Evaluation
11	Clause 4.3.4.3 – CT Accuracy Class: 0.2S			For improved measurement accuracy and better performance, we recommend specifying a CT accuracy class of 0.1S instead of 0.2S. Kindly consider revising the accuracy class accordingly.	Noted. We will discuss these specifications with all participating vendors and confirm during technical Evaluation
12	Clause 4.3.5 – Potential Transformer (PT)			The specified Power Analyser is capable of directly measuring input voltage up to 1000 V. Therefore, an additional Potential Transformer is not required for the proposed application. Kindly consider removing the PT requirement from the technical specifications.	Noted. We will discuss these specifications with all participating vendors and confirm during technical Evaluation
13	Clause 4.3.6.2 – Rating, Sr. No. (ii): Output Power – 30 kVA			The specified 30 kVA output power is not adequate for conducting the DVDF test on a 2.5 MVA transformer. Additionally, a 40 kVAr capacitor bank is required for conducting the DVDF test. We are submitting the suggested Technical Specs herewith for your references. As Annexure-A	Noted. We will discuss these specifications with all participating vendors and confirm during technical Evaluation
14	Clause 4.3.7 – Power Analyser (Make & Model)			The specified models, Hioki PW8001 / Yokogawa WT5000, are high-end analysers generally used for advanced measurement applications, including large power transformers. For transformer testing up to 2.5 MVA, such costly models are not essential. A suitable model such as Yokogawa make WT333E or Hioki make PW3337, which meets the required measurement parameters and accuracy, is sufficient. Kindly revise the make/model requirement to permit Yokogawa WT333E or Hioki make PW3337 or an equivalent suitable Power Analyser.	Noted. Power Analyzer make WT333E or Hioki PW3337 are accepatable in place of Hioki PW8001 / Yokogawa WT5000.
15	Clause 4.3.8.1 – HV Test Set Rating, Sr. No. (iii): Leakage Current Selection			The specified leakage current selection of 62.5/125/187.5/200 mA appears to be a typographical error. Kindly correct the selection values to 50/100/150/200 mA.	Noted
16	Clause 4.4.3 – IR Tester, Clause 4.4.3.2: Power Supply			Both AC supply and battery operation have been specified. Since the IR Tester will be used as part of the stand-alone test panel, battery operation is not essential. Kindly consider retaining AC supply operation and removing the battery-operated requirement.	No deviation allowed
17	Clause 4.4.3 – IR Tester, Clause 4.4.3.9: Memory			Since the test panel will be equipped with dedicated data acquisition and software for recording and storing test results, separate internal memory in the IR Tester is not essential. Kindly consider removing this requirement.	No deviation allowed
18	Clause 4.4.3 – IR Tester, Clause 4.4.3.10: Make			Kindly amend the specified make requirement to Megger or equivalent reputed make, to allow suitable alternatives meeting the required technical performance and accuracy.	Please provide credentials of offered equivalent reputed make of IR Tester in Bid submission under devation clause for technical Evaluation.