

JAIPUR VIDYUT VITRAN NIGAM LIMITED
OFFICE OF THE SUPERINTENDING ENGINEER (MM-II)
OLD POWER HOUSE PREMISES, BANI PARK, JAIPUR - 302006

NO.JPD/SE/MM-II/SPO-V/TN-2515/D. 8401

DATED: 21/01/19

TN-2515
(PURCHASE OF 5.0 MVA 33/11 KV POWER TRANSFORMERS)

CORRIGENDUM No. 1

The following clauses of above tender enquiry are hereby amended to read as under:-

A) Technical Specification (Section-III)

1) Clause-3.35 (b) is hereby amended to read as under:-

"Short circuit test, Thermal & Dynamic ability test shall be conducted as per IS: 2026 (Part.1)/2011 (Latest amended). No load losses (**Normal tap**) and load losses during the short circuit test (**IS: 2026 Part-5/ 2011**) at normal and minimum tap shall be measured and mentioned in the test report. These losses shall be final for acceptance of the transformers. The un-tanking of type tested Transformer at testing house shall also be done mandatorily in presence of representative of purchaser."

2) Clause-3.35 (d) is hereby amended to read as under:-

"Leakage/pressure on completely assembled transformer as per CBIP specification. This test can also be carried out at firm's work, **subject to condition that test has been carried out by any of the testing house as mentioned in clause No. 3.34 and report has been furnished on letterhead of such agency.**"

3) Clause-3.46 (B) (i) is hereby amended to read as under:-

Each & Every Transformer shall route through CTL Testing. In CTL, Transformers will be subjected to the following tests:-

- a) No Load Losses at 100% & 110% of rated voltage and Magnetizing current will be measured at both voltages.
- b) Load losses by Resistance Calculation method.
- c) Percentage Impedance.
- d) Verification of fittings & accessories.
- e) Measurement of tank thickness.

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- f) **No load voltage ratio (Transformer turns ratio) shall be checked in CTL with the tolerance as per specifications/IS: 2026 on the transformer.**
- g) **The facility is being developed at CTL to test the transformer oil B.D. value. Therefore, the same shall be tested at CTL.**
- h) **Any other test/s may be carried out in CTL for witch testing facility is/are available in CTL.**

XEn (CTL) shall provide 2 Nos. Poly-carbonate Seals on diagonally opposite side of Transformer after successful testing in CTL as a token of proof that Transformers have been tested at CTL.

4) A new clause No. 3.51 is hereby added:-

3.51 QUALITY ASSURANCE PLAN :

- 8.1 The Bidder shall invariably furnish following information along with his offer, failing which the offer shall be liable for rejection. Information shall be separately given for individual type of equipment offered.
- i) Statement giving list of important raw materials, names of sub-suppliers for the raw materials, list of standards according to which the raw material are tested, list of tests normally carried out on raw material in the presence of Supplier's representative, copies of test certificates.
 - ii) Information and copies of test certificates as in (i) above in respect of bought out items.
 - iii) List of manufacturing facilities available.
 - iv) Level of automation achieved and list of areas where manual processing exists.
 - v) List of areas in manufacturing process, where stage inspections are normally carried out for quality control and details of such tests and inspections.
 - vi) Special features provided in the equipment to make it maintenance free.
 - vii) The bidder should have adequate facilities to carryout accurately all required tests during manufacturing and routine/acceptance tests as per relevant ISS/IEC standards at the final end routine/acceptance. The supplier will ensure that all testing/measuring instruments/apparatus are calibrated at regular periodicity from reputed test house as per relevant standards and a certificate of testing authority is made available to purchaser's inspector at the time of inspection. Such calibration certificates, in any case shall not be older than one year on the date of such tests".
 - viii) List of testing instruments and apparatus along with their last date of calibration, available with the Bidder for testing of equipment specified and test plant limitation, if any, vis-a-vis the type, special, acceptance and routine tests testing during manufacture specified in the relevant standards. These limitations shall be very clearly brought out in "Schedule of Deviations".

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- 8.2 The Supplier shall also submit the following information to the Purchaser, along with drawings/GTPs/BOM of ordered material, within 15 days of placement of order for purchaser's approval:-
- i) Name of the raw material as well as bought out accessories and the names of sub-suppliers selected from those furnished along with the offer.
 - ii) Type test certificates of the raw material and bought out accessories.
 - iii) Quality Assurance Plan (QAP) with hold points for Purchaser's inspection. The QAP and Purchaser's hold points shall be discussed between the Purchaser and the Supplier before the QAP is finalized.
- 8.3 The Supplier shall submit the routine test certificates of bought out items and raw material at the time of routine/acceptance testing of the fully assembled equipment.
- 5) **A new clause No. 3.52 is hereby added:-**

3.52 Purchasing on the Risk & cost of supplier, in case of non-execution of order/ delay in delivery.

If at any time during the currency of the contract, the performance in whole or in part be prevented or delayed, the purchaser reserves the right to procure the material/equipment on order or part thereof from any other source at the risk and cost of the contractor/ supplier.


(R.K.MEENA)

SUPERINTENDING ENGINEER (MM-II)

Copy forwarded to the Superintending Engineer (IT), Jaipur Discom, Jaipur for arranging the hosting of above corrigendum at Nigam's website.


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