

	PRE-QUALIFICATION REQUIREMENTS FOR OIL FILLED SERVICE TRANSFORMER	PE-PQ-999-302-E001
		REVISION NO. 03 DATE 29/04/2016
		SHEET NO. 1 OF 1

ITEMS : Oil filled service transformers Range of transformers : 500 – 10000 kVA; HV wdg : 66/33/11/6.6/3.3 kV; LV wdg : 11/6.6/3.3/0.415 kV The complete range is divided into 2 categories and the vendor can be considered for evaluation for the complete range or either of the 2 categories : Cat 1 – LV service transformers; 500-2500 kVA (LV wdg. - 415V) Cat 2 – MV service transformers; above 2.0 MVA & upto 10 MVA (LV wdg - 3.3kV & above) SCOPE: Supply : YES; Erection & Commissioning : NO;	
1	Availability of type test certificates (including short circuit test) conducted at independent Lab or witnessed by third party for at least one design for the applicable category of transformers.
2	Vendor should be designer & manufacturer of oil filled service transformers for the applicable category.
3	In-house capability to carry out all routine and type tests as per IS (other than short circuit, degree of protection & impulse tests which can be conducted at Govt. Lab/ Govt. approved Independent lab) for the applicable category of transformers.
4	Option -1 : Performance certificates for min. 2 years of trouble free operation at minimum 2 different installations/sites for the applicable category of transformers. Performance certificate should be from end user only. OR Option-2 : Repeat orders received from two different purchasers/end users for the applicable category of transformers during last 5 years provided the gap between award of two PO's is minimum 2 years. OR Option-3 : 1 no. performance certificate (as per Option-1) and 1 no. repeat order (as per Option-2). OR Option-4 : Successful execution of a major order from BHEL-PEM for the applicable category of transformers.
5	Minimum no. of transformers supplied in the last 10 years from the date of application for registration or date of techno- commercial bid opening (as applicable): - 50 nos. in Category 1 with at least 20 nos. in range of 1000 to 2500 kVA - 20 nos. in Category 2
6	Minimum two (2) nos. purchase orders for the applicable category of transformers shall be submitted which should not be more than five(5) years old from the date of application for registration or date of techno- commercial bid opening (as applicable) for establishing continuity in business.

NOTE:

Supplier to comply to "general points of PQR" available at <http://bhelpem.com/vensection/PMD/PMD.aspx>
In case supplier is not OEM, the offer shall be evaluated as per point no 1 of "general points of PQR".

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BHEL PEM-ELECTRICAL

PRE-QUALIFYING REQUIREMENTS FOR OIL FILLED SERVICE TRANSFORMER

DOC. NO. PE-PQ-999-302-E001, REV. 3

ANNEXURE -I

PROJECT SPECIFIC CRITERIA AGAINST ENQUIRY

PROJECT: 3X660 MW NORTH KARANPURA

1. Bidder / Sub Vendor should have manufactured & supplied at least two numbers (one each at two different installations) of at least highest offered rating oil filled transformers which should have been in successful operation for a period of at least two (2) years prior to the date of Techno-Commercial bid opening (i.e. 28.11.2013).
2. Bidder / Sub Vendor should have his own facilities for conducting all routine and type tests as per IS: 2026 (except short circuit test).
3. The transformer considered for the above (1.) should have been successfully short circuit tested.

Note: Two different installations means two different project sites or two different contracts.

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