

BHEL PEM-ELECTRICAL

PRE-QUALIFYING REQUIREMENTS FOR OIL FILLED SERVICE TRANSFORMER DOC. NO. PE-PQ-999-302-E001, REV. 2, dated 24.12.15

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;

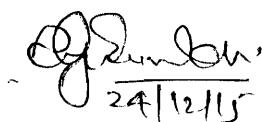
A) GENERAL CRITERIA FOR EVALUATION

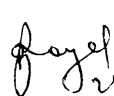
1. Vendor should be designer & manufacturer of oil filled service transformers for the applicable category.
2. In-house capability to carry out all routine and type tests as per IS (other than short circuit, degree of protection & impulse tests which can be conducted at Govt. Lab/ Govt. approved Independent lab) for the applicable category of transformers.
3. 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.
4. No. of transformers supplied in the last 10 years :
 - About 50 nos. in Category 1 with at least 20 nos. in range of 1000 to 2500 kVA
 - About 20 nos. in Category 2
- 5a. Performance certificates for min. 2 years of trouble free operation from minimum 2 different installations/sites for the applicable category of transformers. Performance certificate should be from end user only.
- OR
- 5b. 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 3 years.
- OR
- 5c. 1 no. experience certificate (as per sl. no. 5a) and 1 no. repeat order (as per sl. no. 5b).
- OR
- 5d. Successful execution of a major order from BHEL-PEM for the applicable category of transformers.

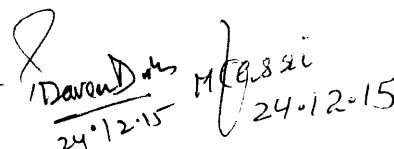
Notes :

- i. Details pertaining to transformers supplied in higher ranges (more than 10MVA) can be considered for Category 2 transformers.
- ii. Vendor(s) should submit relevant documents in support of above mentioned General Criteria.

V. Nayak
24/12/2015


24/12/15


24/12/15


24/12/15

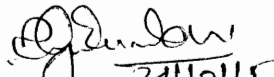
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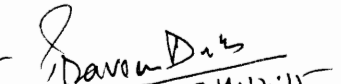
B) PROJECT SPECIFIC CRITERIA AGAINST ENQUIRY

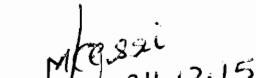
1. After satisfactory fulfilment of all the above criteria/ requirement, offer shall be considered for further evaluation as per NIT and all the other terms of the tender.
2. Consideration of offer will be subject to customer's approval of bidder (if applicable).
3. Any other project specific requirement shall be as per Annexure-I and bidder shall submit relevant supporting documents.


24/12/2015
Abhay Agrawal
[Technical Convenor]


24/12/15
SK Gurumukhi
[SH-E02]


24/12/15
Rajnish Goyal
[SH-E03]


24.12.15
Praveen Dutta
[SH-E01]


24.12.15
Meena Kesri
[DH-Electrical]

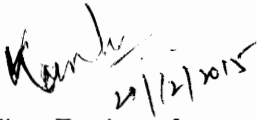
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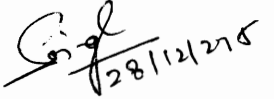
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DOC. NO. PE-PQ-999-302-E001, REV. 2**

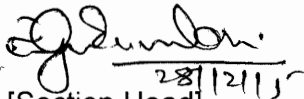
ANNEXURE – I**PROJECT SPECIFIC CRITERIA AGAINST ENQUIRY**

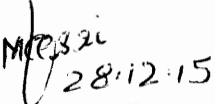
PROJECT: 1x800MW WANAKBORI TPS

-NIL-


[Dealing Engineer]


[Controlling Officer]


[Section Head]


[DH-Electrical]