

BHEL PEM-ELECTRICAL

PRE-QUALIFYING REQUIREMENTS FOR GENERATOR CIRCUIT BREAKER DOC. NO. PE-PQ-999-510-E001, REV. 2, dated 19.12.15

ITEMS : Generator circuit breaker complete with isolator, earth switches, surge capacitor, manual shorting connection

RATING : **Continuous current rating**: 6000 Amps and above, **Short circuit current rating**: 63kA and above, **Rated voltage**: Suitable for generator voltage of 10.5kV and above.

SCOPE: Supply : YES; Supervision of Erection & Commissioning : YES;
Erection & Commissioning : NO;

A) GENERAL CRITERIA FOR EVALUATION

1. Vendor should be designer and manufacturer of SF6 type generator circuit breaker.
2. Experience of at least 5 years to manufacture SF6 type generator circuit breaker suitable for direct connection to busduct.
3. In-house capability to carry out all routine & acceptance test as per relevant IEEE/IEC standard.
4. Availability of complete type test report as per relevant IEEE/IEC standard conducted at independent laboratory or witnessed by third party.
- 5a. Performance certificates for min. 2 years of trouble free operation from minimum 2 different installations/sites for above rating of GCB. Performance certificate should be from end user only.
OR
- 5b. Repeat orders received from two different purchasers/end users for above rating of GCB during last 5 years provided the gap between the awards of purchase orders is three 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 above rating of GCB.

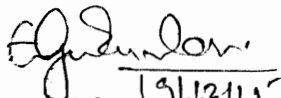
Note :

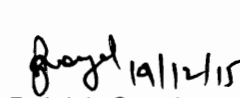
Vendor(s) should submit relevant documents in support of above mentioned General Criteria.

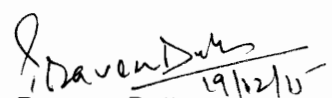
B) PROJECT SPECIFIC CRITERIA AGAINST ENQUIRY

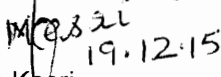
1. After satisfactory fulfilment of all the above criteria/ requirement, offer shall be considered for further evaluation as per NIT and all the other terms of the tender.
2. Consideration of offer will be subject to customer's approval of bidder (if applicable).
3. Any other project specific requirement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


Sandeep Lodh
[Technical Convenor]


SK Gurumukhi
[SH-E02]


Rajnish Goyal
[SH-E03]


Praveen Dutta
[SH-E01]

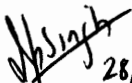

Meena Kesri
[DH-Electrical]

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PRE-QUALIFYING REQUIREMENTS FOR GENERATOR CIRCUIT BREAKER

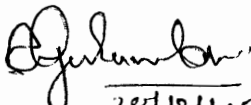
ANNEXURE – I
PROJECT SPECIFIC CRITERIA AGAINST ENQUIRY

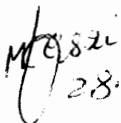
Project: 1X800 MW GSECL, Wanakbori STPP, Unit -8

- NIL -


28/12/15
[Dealing Engineer]


28/12/15
[Controlling Officer]


28/12/15
[Section Head]


28.12.15
[DH-Electrical]