

**BHEL PEM-ELECTRICAL**

**PRE-QUALIFYING REQUIREMENTS FOR GENERATOR CIRCUIT BREAKER  
DOC. NO. PE-PQ-999-510-E001, REV. 1**

**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. Experience certificates for min. 2 years of trouble free operation from minimum 2 different end users for applicable rating of GCB.  
OR
- 5b. Repeat orders received from two different agencies during last 5 years provided the gap between the awards of purchase orders is three years for applicable rating of GCB.  
OR
- 5c. 1 no. experience certificate (as per sl. no. 5a) and 1 no. repeat order (as per sl. no. 5b).

**Note :**

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

*[Signature]*

*[Signature]*  
23/7/15

*[Signature]* 23/7/15

*[Signature]*  
23.7.15

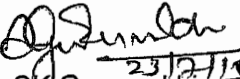
**BHEL PEM-ELECTRICAL**

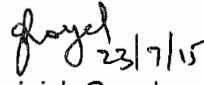
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DOC. NO. PE-PQ-999-510-E001, REV. 1**

**B) PROJECT SPECIFIC CRITERIA AGAINST ENQUIRY**

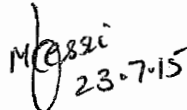
1. After satisfactory fulfilment of all the above criteria/ requirement, offer shall be considered for further evaluation as per NIT and all the other terms of the tender.
2. Consideration of offer will be subject to customer's approval of bidder (if applicable).
3. Any other project specific requirement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

BHEL PEM-ELECTRICAL

PRE-QUALIFYING REQUIREMENTS FOR GENERATOR CIRCUIT BREAKER  
DOC. NO. PE-PQ-999-510-E001, REV. 01

ANNEXURE – I

PROJECT SPECIFIC CRITERIA AGAINST ENQUIRY

Project: 2X660 MW Ennore STPS

- NIL -

*Suresh*  
24/07/15

[Dealing Engineer]

*Man*  
24/07/15

[Controlling Officer]

*Pragat*  
24/7/15

[Section Head]

*M/0322*  
24.7.15

[DH-Electrical]