

ANNEXURE – I

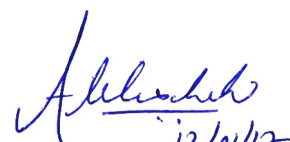
PROJECT SPECIFIC CRITERIA AGAINST ENQUIRY

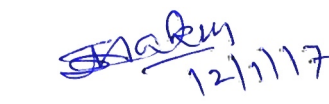
1X250 MW Rourkela TPS

The Bidder/sub-vendor should have designed, manufactured, tested, supplied, erected & commissioned/ supervised erection and commissioning of at least two (2) numbers of Generator Circuit Breakers (Air blast or Sulphur Hexafluoride) which are in successful operation for at least two (2) years prior to the date of Techno-Commercial bid opening i.e. 02/04/2015

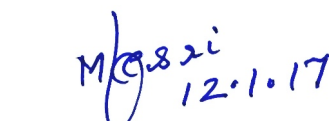
The above reference GCB should have rating equivalent to or higher with respect to following parameters:

- a) Rated voltage
- b) Current rating
- c) Rated short circuit current carrying capability for one (1) second.
- d) Rated short circuit peak making and latching current carrying capability.
- d) Rated symmetrical RMS short circuit current interrupting capability.


[Dealing Engineer]


[Controlling Officer]


[Section Head]


[DH-Electrical]

	PRE-QUALIFICATION REQUIREMENTS FOR GENERATOR CIRCUIT BREAKER	PE-PQ-999-510-E001
		REVISION NO. 03 DATE 29/04/2016
		SHEET NO. 1 OF 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; Erection & Commissioning : NO; Supervision of Erection & Commissioning : YES;

1	Availability of complete type test report as per relevant IEEE/IEC standard conducted at independent laboratory or witnessed by third party.
2	Vendor should be designer and manufacturer of generator circuit breaker.
3	In-house capability to carry out all routine & acceptance test as per relevant IEEE/IEC standard.
4	Option -1 : Performance certificates for min. 2 years of trouble free operation at minimum 2 different installations/sites for above rating of GCB. Performance certificate should be from end user only. OR Option-2 : Repeat orders received from two different purchasers/end users for above rating of GCB during last 5 years from the date of application for registration or date of techno-commercial bid opening (as applicable) provided the gap between the awards of purchase orders 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 above rating of GCB.
5	Minimum two (2) nos. purchase orders for supply of Generator Circuit Breaker of above rating 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://bhhelpem.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".

PREPARED BY 29/04/16 NAME: SANDEEP LODH DESIGNATION: DGM	REVIEWED BY 29/4/16, NAME: RAJNISH GOYAL DESIGNATION: AGM	APPROVED BY 29.04.16 NAME: MEENA KESRI DESIGNATION: AGM & DH(E)
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