



**Bharat Heavy Electricals Limited**  
**Material Management Division,**  
**Transmission Business Group,**  
5<sup>th</sup> Floor, Advant Navis IT Business Park,  
Plot No. 7, Sector-142, Expressway Noida,  
Noida-201305  
Distt. Gautam Budh Nagar (U.P.)  
Phones: 0120-6748487

**SUBJECT- Corrigendum-3 TO NIT No.23061**

**DATE 17.08.2015**

1. Project : TANGEDCO Ennore Project.
2. Equipment / Item : 400KV GIS
3. Enquiry No. / Date : 185E094, Dtd.22-06-2015

With reference to the above tenders, kindly note the following;

Due date of tender submission has been extended from **18.08.2015 to 28.08.2015** upto **2.00 PM.**

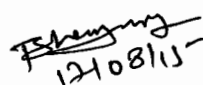
Opening of the tender shall be at **2:30 PM** on same day.

Also note following clarification on technical specification, same shall be part of tender so plz make sure to incorporate the same.

<b><u>Sno</u></b>	<b><u>Clause</u></b>	<b><u>Pg Number</u></b>	<b><u>Clause Description</u></b>	<b><u>BHEL Clarification</u></b>
1	1.05.08	Section 2, Annexure A, Pg. 6 of 19	The gap between open contacts shall withstand at least rated phase to ground voltage for 8 hrs. at zero gauge pressure of SF6 Gas. The breaker shall also withstand all dielectric stresses in open position at SF6 lockout pressure for 60 mins.	Bidder to quote with technical deviation (if any) in technical deviation schedule. Deviations are acceptable to us subject to final acceptance from customer (TRANZEDCO). <b><u>Cost of withdrawal of deviation shall be submitted along with price bid.</u></b>
2	11.02.00	Section 2, Pg. 17 of 21	Test on <u>complete assembled feeder bay</u> : 1. The lightning Impulse Feeder withstand voltage test. 2. Switching Impulse withstand voltage test.	
3	1.03.00	Section 2, Annexure A, Pg. 1 of 19	Rated closing time of CB shall be < 45ms	Rated closing time of circuit breaker (CB) shall be <100ms as per CEA.

*Ram*  
17/08/15

<b><u>Sno</u></b>	<b><u>Clause</u></b>	<b><u>Pg Number</u></b>	<b><u>Clause Description</u></b>	<b><u>BHEL Clarification</u></b>
4	1.04.06	Sec 2 Annex A page 2 of 19	<u>Trip circuits</u> : However even at 50% of rated supply voltage the breaker shall be able to operate.	The Service condition shall be kept limited to 70% -110% of the supply voltage as per IEC 62271-1-Cl 5.8.2.
5	1.03.00	Section 2, Annexure A, Pg. 1 of 19	<u>CIRCUIT BREAKERS</u> Ratings :Short Circuit Making Current is 163kAp	Short Circuit Making Current is 157.5kAp ( $2.5 \times I_{sc}$ , where $I_{sc}$ is 63kAmp)for 50Hz as per IEC.

  
12/08/15  
**Bhagchand Kumawat**  
**Mgr (TBMM)**