



ISO 9001, ISO 14001 and  
OHSAS 18001 certified company  
SubContract and Purchase Deptt.

Bharat Heavy Electricals Limited  
(A Govt. Of India Undertaking)  
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## CORRIGENDUM-1

**Sub: Amendment against open tender enquiry for “Material Handling and Erection of Pelton type turbines, generators, transformers, switchgears, bus duct, excitation systems, C&I etc., testing & Commissioning of 4X200 MW Parbati-II HEP located at Sainj, Distt- Kullu, Himachal Pradesh.”**

**TENDER NO. BHEL/ NR /SCT/ PARBATI/ HTG & MM/ 855**

**BHEL WEB SITE NIT REF: NIT\_11322**

This corrigendum contains following amends in the specifications and shall form a part of the above tender. This corrigendum is to be submitted, duly signed and stamped, along with the Technical bid (Part-I).

- 1. Due date of submission and opening of the tender is hereby extended as follows;**

LAST DATE OF SALE	:	20.02.2012
DUE DATE OF TENDER SUBMISSION	:	20.02.2012
DATE OF OPENING	:	20.02.2012

- 2. Technical and Commercial Clarifications to Tender Specifications: -**  
Technical and Commercial Clarifications to Tender Specifications as enclosed at ANNEXURE-A shall form a part of Corrigendum.

All other terms and conditions shall remain unaltered.

**SDGM/SCT**

**ANNEXURE-A**

**Technical and Commercial Clarifications to Tender Specifications**

**TENDER NO. BHEL/ NR /SCT/ PARBATI/ HTG & MM/ 855**

**Sub.: “Material Handling and Erection of Pelton type turbines, generators, transformers, switchgears, bus duct, excitation systems, C&I etc., testing & Commissioning of 4X200 MW Parbati-II HEP located at Sainj, Distt- Kullu, Himachal Pradesh.”**

<b>SR.</b>	<b>Tender Document – Technical Conditions of Contract (TCC) Clause No. / Page No.</b>	<b>Bidder’s Query</b>	<b>BHEL REPLY</b>
1	1-C / Page 26 of 105	Please provide Drawing no. 0-202-08-14401	Enclosed in PDF with reply.
2	1-E / Page 27 of 105	Please provide Drawing no. 0-205-01-14401	Enclosed in PDF with reply.
3	1-M / Page 30 of 105	Please provide Drawing no. 0-216-05-14401	Enclosed in PDF with reply.
4	2-B / Page 30 of 105	-Please confirm, whether assembly & core building of stator will be done in the pit or in Assembly Bay area	Assembly & core building of stator shall be done in Assembly Bay area. Winding shall however be done either in service bay or pit depending on site condition at the time.
		-Who will provide supports for Stator Core Building?	BHEL shall be providing supports for stator core building.
		-Who will provide pressing tool kit for Core Building	Pressing tool kit for Core Building shall be provided by BHEL
		-Please clarify that, who will arrange the testing equipment to carry out Core Flux Test, HV Test and other test of Generator Stator.	Core flux test equipment’s (Transformer, cable etc) shall be provided by BHEL. Other testing equipment’s including HV test kit shall be arranged by Bidders.
5	2-D / Page 31 of 105	-Who will provide supports for Rotor Rim Building?	<b>BHEL</b> shall be providing supports for Rotor Rim Building.
		-Please clarify the scope of supply for Lifting arrangement of Rotor.	Lifting beam arrangement shall be provided by BHEL.
		-Who will provide pressing tool kit for Rotor Rim Building	BHEL shall be provide pressing tool kit for Rotor Rim Building as T&P.
		Please clarify that, who will arrange Broaching machine to carry out Broaching of Rotor Rim	Broaches are supplying with T&P by BHEL and Broaching machine shall be arranged by Bidder to carry out Broaching of Rotor Rim

6	2-P / Page 32 of 105	Major Instruments & Devices - Please clarify , who will carry out calibration of Instruments OR it is pre-calibrated	No special calibration is required for these. However any settings required shall be done during precommissionin/ commissioning of this equipment's .which is part of scope of work.
7	4 / Page 33 of 105	13.8 KV IPBD – - Please provide the delivery conditions such as Outer/Inner dia, No. of Pieces, Quantum of Supporting Structure in MT etc.	The outer dia (enclosure) of main bus duct is approx. -1100 mm with thickness of approxi-8.0mm and inner dia (conductor) of main bus duct is approxi-530 mm with thickness of approx.-16.0mm.The outer /inner dia of delta/Tap off bus duct will be lower than the main bus duct. Most of the sections of bus duct will be in running lengths of approx. 2.0 to 2.5 Meters .Weight of supporting structure will be approxi-15 -20 MT
		- Please clarify the scope of supply of Filler Wire for IPBD.	Filler Wire for IPBD shall be supplied by bidder.
8	5 / Page 34 of 105	Generator Transformer – - Please provide the Oil qty. in Liters for each Gen. Transformer.	Approx.30000+10% liters oil for each Gen. Transformer shall be supplied by BHEL.
9	General	Please provide general layout drawing and Elevation drawings	Enclosed in PDF with reply.