

To  
ALL BIDDERS

**Sub: Corrigendum -03 for Issue of Clarifications**

**JOB:** RECEIPT OF MATERIALS FROM BHEL / CUSTOMER STORES / STORAGE YARD, HANDLING AT STORES/STORAGE YARD, SITE OF WORK, TRANSPORTATION TO SITE OF WORK, ERECTION, TESTING, ASSISTANCES FOR COMMISSIONING & TRIAL OPERATION, INSULATION, FINAL PAINTING AND HANDING OVER OF **STEAM TURBINE, TURBO-GENERATOR, CONDENSER AND ASSOCIATED AUXILIARIES INCLUDING BOUGHT OUT ITEMS, ETC. OF 5X270 MW THERMAL POWER PLANT INDIA BULLS AMARAVATHI PHASE II UNIT 6 to 10 DEVIDED INTO BLOCK 1(Unit 6, 7 & 10 ) and BLOCK 2 (Unit 8 & 9).**

SN	Tender Specification Number	Unit Number & Project
1	BHE/PW/PUR/AMRT1-STG U-6,7 & 10/956	270 MW STG Sets of Unit 6, 7 & 10 (Block I)
2	BHE/PW/PUR/AMRT1-STG U-8 & 9/957	270 MW STG Sets of Unit 8 & 9 (Block II)

Bidders to kindly take note of the following:

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**AA) clarification to the Queries of Bidders**

SN	Queries by Bidder	Clarification by BHEL
1	(Page No. 67, 68 & 69 of TCC) For Hardwar BOI Items: Please provide the weight of items from BG001 to BT094	Individual weight of Hardwar BOI Items can not be provided. However total tentative weight of Hardwar BOI may be taken as 235 MT including 65 MT TG integral piping.
2	(Page no.: 71 of TCC) For all 5 Units : Please confirm the weight given for HP Heater No. 5, 6, Re Joints, Flash Tank, Misc Tanks & BF Valves is for one unit or for 5 .	The weight given is unit wise i.e weight per item. Refer TABLE-2 attached with his corrigendum
<b>CLARIFICATION FOR OTHER ITEMS</b>		
1	Capacity of EOT crane (Turbine Hall)	Capacity of EOT crane is 90MT
2	What would be the total Tonnage of Strand jack lifting structure?, As it is mentioned vide Cl. no.16.1 of TS in TG erection contractor scope.	Tentatively weight of Strand jack lifting structure may be taken as 200 MT.
3	Who's scope is preparation of foundation for installation of lifting towers for strand jack system?	Preparation of foundation is in BHEL / India Bulls scope. However secondary grouting of foundation (bolts /packets/ plates etc) as required will be in the scope of contractor under this tender specification.
4	Whether Erection of De-aerator is in Contractor's scope or not?	Dearator erection is excluded from TG scope.
5	What would be the total Tonnage of Strand jack lifting structure? As it is mentioned vide Cl. no.16.1 of TS in TG erection contractor scope.	Collection of strand jack arrangement from BHEL store / site and shifting back to BHEL store / site including transport arrangement for the same is in the scope of contractor under this tender specification. Assembly, installation, commissioning and dismantling will be carried out by the supplier of Strand jack equipment. However the Assistance as required in assembly, erection, testing and commissioning with respect to required T & P, EOT crane operator and additional manpower as required will be in the scope of contractor under this tender specification. For reference the tentative weight of Strand jack arrangement may be taken as 200 MT.

भारत हेवी इलेक्ट्रिकल्स लिमिटेड  
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Ref: BHE/PW/PUR/AMRT1-STG/956-957/Corrigendum 03

Date 21/02/2012

-----Page 2 of 2-----

**BB) Clarification in Annexure – I (Weight details)**

Weight details are attached in TABLE - 1 (Weight Details) attached with this corrigendum

**CC) EXTENSION of LAST DATE:**

The last date for submission of Tender has been re  
scheduled to 28/02/2012, 15.00 hrs.

Technical Bid shall be opened on 28/02/2012 at 16.00 hrs

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All other Terms and conditions of the Tender Specification shall remain unaltered unless expressly amended by  
BHEL in writing.

Bidders are requested to submit as a part of Technical Bid, a copy of this corrigendum duly countersigned by the  
authorized signatory and stamped with the Official seal as a token of Bidder's unqualified acceptance of this  
corrigendum.

This letter is hosted as file titled "Corrigendum 03 (956-957)" against NIT-11225 in BHEL web page  
(www.bhel.com→Tender Notifications → View Corrigendum).

Thanking you,

Yours faithfully,

AGM (Purchase)

Encl: Table 1 & 2 to Corrigendum -03 dated 21/02/2012

**TABLE-1 to Corrigendum 03 dated 21/02/2012  
Clarification to Annexure - I (Weight Details) of Volume IA "TCC"**

SL NO	DESCRIPTION	WEIGHT (MT) PER UNIT	REMARKS by Bidder	Clarification by BHEL
1	Turbine	584.15		
2	Generator	366		
3	Codenser	337.19		
4	Hardwar BOI Items	NIL	Please Indicate the weights details of each items	Individual weight of Hardwar BOI Items can not be provided. However total tentative weight of Hardwar BOI may be taken as 235 MT including 65 MT TG integral piping.
5	TG / Generator Integral Piping	65		
6	BFP	98.63	Please Indicate UOM (MT OR KG)	UOM is in MT.
7	CEP	35.37	Please Indicate UOM (MT OR KG)	UOM is in MT.
8	For All 5 Units		Is this system common Block I & II, If So wheather this system to be executed by Block I agency or Block II agency	<a href="#">Refer below table.</a>
9	PEM BOI		Please Indicate the weights details of each items	Weight details has already indicated in tender documents.
10	Insulation	25	Please Indicate this item in BOQ.	This is part of the scope of work.

**TABLE - 2 to Corrigendum 03 dated 21/02/2012**

S.N.	Scope	Total Quantity	Total Quantity	Total Quantity	Approx. Wt per UOM (In MT)
		( For 5 Units)	( For Block 1- 3 Units)	( For Block 2- 2 Units)	
1	HP Heater No. 5	5 Nos.	3 Nos.	2 Nos.	33.6
2	HP Heater No. 6	5 Nos.	3 Nos.	2 Nos.	43
<b>3. RE Joints</b>					
3.1	Inlet Assy.	5 Set	3 Set	2 Set	17.2
3.2	Outlet Assy.	5 Set	3 Set	2 Set	15.2
<b>4. Flash Tank</b>					
4.1	HP Drain Flash Tank	5 Nos.	3 Nos.	2 Nos.	4.7
4.2	LP Drain Flash Tank	5 Nos.	3 Nos.	2 Nos.	2.2
4.3	Flash Vessel	5 Nos.	3 Nos.	2 Nos.	1
<b>5. Misc Tanks</b>					
5.1	Clean Oil Tank	2 Nos.	1 No.	1 No.	10.3
5.2	Dirty Oil Tank	2 Nos.	1 No.	1 No.	10.3
5.3	Oil Unloading Vessel	2 Nos.	1 No.	1 No.	0.58
5.4	DMCW Tank	5 Nos.	3 Nos.	2 Nos.	6
<b>6. BF Valves</b>					
6.1	1800 Dia	20 Nos.	12 Nos.	8 Nos.	7.035
6.2	600 Dia	20 Nos.	12 Nos.	8 Nos.	0.825
6.3	500 Dia	15 Nos.	9 Nos.	6 Nos.	0.645
6.4	450 Dia	15 Nos.	9 Nos.	6 Nos.	0.445
6.4	400 Dia	15 Nos.	9 Nos.	6 Nos.	0.43