



BHARAT HEAVY ELECTRICALS LIMITED
PROJECT ENGINEERING MANAGEMENT, NOIDA

Date-18-Nov-24

CORRIGENDUM- 10

PROJECTs	:	3X800 MW TALABIRA
PACKAGE	:	COOLING TOWER - Induced Draft Cooling Towers (IDCT)
Enquiry No.	:	77/23/6121/VIN Dated 18.09.24
SUBJECT	:	DUE DATE EXTENSION, AMENDMENT -2 PRE-BID REPLIES

Type of Corrigendum			
Technical Corrigendum -	<input checked="" type="checkbox"/>	Commercial Corrigendum -	<input checked="" type="checkbox"/>

In reference to the above-mentioned tender enquiry please note the following.

1. Due date extended upto 02.12.2024 (Submission by 12:00 PM and Opening at 04:00 PM).
2. Please attached Amendment -2 of technical specification
3. Replies of Pre-bid queries

All the other terms and conditions of the tender enquiry remain unchanged. All the bidders are requested to quote accordingly.

Yours faithfully,


For and on behalf of BHEL

Vinit Kumar Verma
Sr. Manager/BOP



BHARAT HEAVY ELECTRICALS LIMITED
PROJECT ENGINEERING MANAGEMENT, NOIDA

Sl. No	Bidder's Query	BHEL Reply
1.	Please withdraw amendment to Clause No. 2.13 (second row) as issued vide Technical amendment-01 (Spec No PE-TS-511-165-W001) of Corrigendum-04 dated 17-10-2024 and restore the earlier clause. The previously amended clause cannot be complied with, technically.	Please refer technical amendment-2 in this regard.
2.	Please permit the civil design of the cooling towers to a "pre-cast" construction as an alternative to "cast-in-situ".	Bidder to follow technical specification. Precast elements can only be used in cover slabs etc in line with specification.
3.	Please allow the use of Portland Pozzolana Cement (PPC) as an alternative to OPC. In addition please indicate suitable loading rate (as well as penal rate) for same. Please also incorporate necessary change(s) in the price schedule format.	Bidder to follow technical specification.

	TECHNICAL SPECIFICATIONS		SPECN. NO.:		PE-TS-511-165-W001	
	INDUCED DRAFT COOLING TOWER					
	AMENDMENT NO. 2		REV. NO.	0	DATE:	16.11.2024

1.0 With reference to Technical data-Part-A (MECHANICAL) (pages 56 to 58 of 1274) of Technical Specification, please consider the Specification amended as below:

Cl no.	Clause as mentioned in Technical Specification	Amended Clause
2.13 (second row) - As per amendment-1	At Design L/G, contribution of Fill Zone KaV/L shall be minimum 85% of the total KaV/L required for the tower. i.e (KaV/L)fill $\geq 0.85 \times$ (KaV/L) total (KaV/L)spray +rain $\leq 0.15 \times$ (KaV/L) total	No contribution of rain zone and spray zone to be considered in thermal design of IDCT.
2.24	Cl no. 2.24, Minimum Fill Plan area (including standby cells) - 5700 SqM	DELETED
2.17	Maximum limit on total power consumption per cooling tower for the cooling tower fans at fan motor inlet terminals: 2100 KW	Maximum limit on total power consumption per cooling tower for the cooling tower fans at fan motor inlet terminals: 2200 KW
5.2	Fan Auxiliary power consumption: 2100 KW	Fan Auxiliary power consumption: 2200 KW

Additional Clause:

1. Final interpretation clause: The interpretation of any technical specification clause, requirement, or provision within this document (i.e technical specification, technical amendments/ corrigendums etc)) shall rest solely with BHEL. The decision and interpretation made by BHEL shall be deemed final and binding on bidder without exception.

2. It bidder's responsibility to design the cooling tower and its components to meet the performance requirements at given design conditions while complying to all the technical constraints specified in technical specification.