BHARAT HEAVY ELECTRICALS LIMITED
PROJECT ENGINEERING MANAGEMENT, NOIDA

Date-10-Apr-24

CORRIGENDUM- 04

PROJECTs	**:**	**2 X 800 MW NTPC LARA TPP STAGE-II**
PACKAGE	**:**	**COOLING TOWER - Induced Draft Cooling Towers (IDCT)**
ENQUIRY NO	**:**	**PE/PG/LAR/E-7421/2023 Dated-1-Mar-24**
SUBJECT	**:**	**PRE-BID CLARIFICATION**

Type of Corrigendum			
Technical Corrigendum -	☑	Commercial Corrigendum -	☑

Bidders are requested to go through the following -

- Please find **Annexure A to Corrigenda 04 for clarification** by BHEL against additional pre-bid queries raised by prospective bidders. Bidders are requested to comply the same while quoting for this tender enquiry.

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

Digitally signed by Sumeet Sahay
DN: cn=Sumeet Sahay, o=Bharat Heavy Electricals Ltd, ou=PS-PEM, email=sumeetsahay@bhel.in, c=IN

SUMEET SAHAY
Manager/BOP

BHARAT HEAVY ELECTRICALS LIMITED
PROJECT ENGINEERING MANAGEMENT, NOIDA

ANNEXURE A

BHEL'S CLARIFICATION TO THE PRE BID QUERIES

Sr. No.	Document – Corrigenda No	Clause no.	Page no. Subject Query	BHEL Response
1	02	18 & 74	Since Owner (NTPC Limited) has already carried out detailed geo-technical investigation of the cooling tower area and the extract from that report which is enclosed as part of Corrigendum 02 needs to be followed by bidders for cooling tower / foundation design & civil estimation purpose for the subject project, BHEL should confirm principally that in case the actual soil quality is inferior to the soil quality given in Corrigendum 02, the order price will be corrected.	Bidder has to consider the geo-technical investigation data as per amendment issued and soil bearing capacities in the IDCT area as mentioned at Page 130/138 of the specification. Bidder is not expected to carry out any soil investigation.
2	02	174	Only GA Drawing of cooling tower shall be furnished in AutoCAD format. All other drawings / documents shall be furnished pdf format. This is as per our company policy. Please confirm.	Bidder to provide all drawings in AutoCAD format.
3	02	206	NTPC specification / Section D-1-12(G) covers the detail requirement for High Performance Moisture Compatible Corrosion Resistant Coating System manufactured as per technical specifications of Central Electrochemical Research Institute, Karaikudi. This is the standard practice for all cooling tower packages of NTPC Limited.. No plastering is required on the surface prior to application of this paint as it does not enhance any performance of the paint or longevity of the surface, rather it delays the entire execution process. On the other hand Clause # 9.09.03 of Sub-Section D-1-9 of Technical Specification refers to RCC walls having min. 12 mm thick cement sand 1:6 plaster is a generic clause and is referring to normal building surfaces and cannot be inferred for IDCT structures. Hence, we request BHEL to confirm that the coating system mentioned under section D-1-12(G) shall only be applicable & any other clause covering details of coating system elsewhere in the specification can be ignored.	Agreed. Bidder may consider High Performance Moisture Compatible Corrosion Resistant Coating System as per section D-1-12(G) of Technical Specification without plastering.
4	03	33		
5	03	17	We once again request BHEL to permit globalization of the cost of free issue items viz. cement and reinforcement steel i.e. variation in the quantity of individual free issue items should be permitted so long as the total cost of free issue items does not exceed the total quoted figure.	NIT terms will prevail. Kindly comply the same.
6	02	123	PG test will depend upon the ideal test conditions viz., plant load etc. which is beyond cooling tower contractor's control.	NIT terms will prevail. Kindly
7	02	37		

			Hence cooling tower contractor cannot continue to extend the validity of the subject BG till completion of the PG Test, whcih is not under their control. There has to be a cut-off period for this BG extension. Please review and amend this requirement suitably.	comply the same.
8	02	94	As mentioned above since PG test will depend upon the ideal test conditions viz., plant load etc. which is beyond cooling tower contractor's control, the mentioned guarantee period is very difficult to be accepted. There has to be a reasonable cut-off for guarantee period. Requesting BHEL TO review this requirement and amend this clause suitably.	NIT terms will prevail. Kindly comply the same.
9	02	125	We request BHEL to accept joint arbitration only as per Arbitration & Conciliation Act, 1996 and as amended thereafter.	NIT terms will prevail. Kindly comply the same.
10	02	144	The subject contract is independent of other contracts being executed by us with BHEL. Hence any amount of money being outstanding at any point of time in the contract for subject project cannot be recovered from dues of other contracts and vice versa. We request BHEL to withdraw this stipulation.	NIT terms will prevail. Kindly comply the same.
11	--	--	We request BHEL to provide interest-free mobilization advance.	NIT terms will prevail. Kindly comply the same.
12	Tender notice_4, Technical specifications, book 1 of 2, vide clause no.20, under page no. 12 of 195 : As per this clause, “Piping 200 NB & above shall be Carbon steel rolled and Welded as per IS 3589 from CS plates as per IS:2062”.		The pipe diameters envisaged for the cooling tower package are varying from 800 mm to 4000 mm for riser and buried under ground headers. We intend to consider spiral welded pipes for these diameters and request BHEL to confirm their acceptance of the spiral welded pipes.	Bidder to follow tender specification.
13	As per Tender notice_4, Technical specifications, book 1 of 2, under page no. 74 of 195 : As per Annexure III, Co-ordinates & battery limits for layout of IDCT 3, the length of hot water main header pipe works out tobe 20 mtr. from edge of cooling tower. As per page no.8 of 195 under clause 18.1, the terminal		We request BHEL to confirm the terminal point / distance of hot header pipe tobe considered from edge of CT basin wall.	The terminal point for HW pipe shall be as per terminal point (cl no. 18.1, at page no 8 of 195, Book 1 of 2).

	point is mentioned as 10 mtr. at edge of CT basin wall.		
14		We did not find the bottom of Hot water header pipe at terminal and request BHEL to provide the same.	Bidder to follow tender specification.

Digitally signed by Sumeet Sahay
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