



BHARAT HEAVY ELECTRICALS LIMITED
PROJECT ENGINEERING MANAGEMENT, NOIDA

Date-24-Aug-21

CORRIGENDUM- 05

PROJECT	:	1 X 660 MW WBPDCS SAGARDIGHI EXTN V
PACKAGE	:	AIRCONDITIONING SYSTEM
ENQUIRY NO	:	PE/PG/SGI/E-6703/2021 dtd. 23.07.2021
SUBJECT	:	Pre-bid replies

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

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

Description	Bidders Query	BHEL reply
1.	In Section I Air Conditioning System, clause 5.00.00 Design and Constructional Requirement, sub clause 5.03.00 (pp 87/300), Water Cooled Screw Chiller (A) Twin Screw Multi Circuit Multi Compressor with built in redundancy is asked for It is submitted that the capacity of each chilling unit is 110 TR and going for a multiple compressor option for a screw chiller in this size is not a feasible option, therefore you may opt for 110 TR screw chilling unit with single compressor.	Bidder to follow specification.
2.	Under the same sub clause 5.03.00 (pp 90/300) (C) General (iv) Duty Condition for Chiller is 12/7 °C in evaporator & 37/41.4 °C in Condenser (revised after considering Clarifications 1) The water cooled screw chilling units with 37/41.4 °C in Condenser water inlet/outlet duty conditions is a challenging proposition as the size of the chilling unit would be required to be much bigger to achieve the desired actual capacity at the higher condensing temperature. At max the chiller is selected at 35 °C condenser inlet temperature. Under the given high ambient WBT conditions it would be a better option to go for air cooled chilling units instead of water cooled chilling units. The air cooled chilling units would be much more efficient and perform better. This would replace the cooling towers and the condenser water pumps.	Bidder to follow specification.

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
Dy. Manager