



BHARAT HEAVY ELECTRICALS LIMITED
PROJECT ENGINEERING MANAGEMENT, NOIDA

Date-28-Oct-20

CORRIGENDUM- 09

PROJECT	:	(3X200 MW+3x500 MW) RAMAGUNDAM STAGE-I & II FGD	
PACKAGE	:	AGITATOR	
TENDER ENQUIRY NO	:	PE/PG/RGM/E-6520/2020	Dt. 01/09/2020
Bid Submission Due Date	:	03/11/2020, 2.00 PM	
SUBJECT	:	REGARDING REPLY OF PRE BID QUERY & AMENDMENT 2 of Technical Specification no. PE- TS- 467- 571- 18000- A001.	

Type of Corrigendum			
Technical Corrigendum -	☒	Commercial Corrigendum -	☐

In reference to the above mentioned tender enquiry for **AGITATOR** package

Please find attached the reply of Pre-Bid query asked by bidders along with this Corrigendum no. 9, also find attached AMENDMENT 2 of Technical Specification no. PE- TS- 467- 571- 18000- A001.

All the other terms and conditions of the tender enquiry remains same.

Yours faithfully,

For and on behalf of BHEL

Dt. 27.10.2020.

Ref: Enquiry: PE/PG/RGM/E-6520/2020 Dtd. 01.09.20				
Item: Supply of Agitator for (3X200+3X500) MW RAMAGUNDAM STG-I & II STPP FGD				
S.No.	Ref. clause	Page No.	As mention in Spec.	To be read as
1	ANNEXURE -B OF AMENDMENT -1 OF TECHNICAL SPECIFICATION (specification No. PE-TS-467-571-18000-A001),	9 OF 17	Agitator schedule	Revised agitator schedule is attached as Annexure- A.
2	Clause 4.1 (II)/ANNEXURE -C OF AMENDMENT -1 OF TECHNICAL SPECIFICATION (specification No. PE-TS-467-571-18000-A001),	11 OF 17	Clause No- II, CFD analysis requirement.	Refer Annexure- B

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dt 27.10.2020

6	Slope of roof shall be considered approximate 5 deg for all the tanks.
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ANNEXURE-B

PRE-BID CLARIFICATION SCHEDULE - (3X200+3X500) MW RAMAGUNDAM STG-I & II STPP FGD

S.No.	Section/Clause/ Page No.	Statement of the referred clause	Clarification required	BHEL Reply
1	Technical Corrigenda/specification No. PE-TS-467-571- 18000-A001,Section- I,Rev 01,Sub section – C1,4.1 Technical requirement clause No-II	Clause No- II, CFD analysis requirement.	Please let us know that CFD analysis requirement is for all Tags /Types or wrt any specific tag.	CFD requirement shall be for all continuously running agitators except for the sump agitators (which are intermittent in operation) and only one out of two limestone slurry tank agitators.
2			Please specify scenario of CFD analysis. 1 st scenario = Start up, 2 nd Scenario = normal operation and 3 rd scenario = Restart after the power failure.	Bidder to note that the requirement for the uniform suspension has been specified in the technical specification. Accordingly, CFD analysis shall be done to meet the technical specification requirement.
3			Please Provide D80 particle size distribution data.	Please refer the agitator schedule for the particle distribution data. Bidder shall design the agitator using the data given in the technical specification.
4			What parameters needs to be checked during the analysis? Velocity of particle distribution requirement or specific gravity variation across the tank	The parameters shall be decided based on the requirements given in the technical specification.
5			Time duration for the study.	To be decided by the bidder based on the requirement given in the technical specification.