BHARAT HEAVY ELECTRICALS LIMITED
PROJECT ENGINEERING MANAGEMENT, NOIDA

Date-13-Sep-19

CORRIGENDUM- 06

PROJECTs	:	**1X660 MW UPRVUNL PANKI TPS EXT.**
PACKAGE	:	**GAS CHLORINATION PLANT**
ENQUIRY NO	:	PE/PG/PKI/E-6271/2019 Dated 25.07.2019
SUBJECT	:	**PRE-BID CLARIFICATION + DUE DATE EXTENSION**

Type of Corrigendum			
Technical Corrigendum -	☑	Commercial Corrigendum -	☑

In reference to the above mentioned tender enquiry for **GAS CHLORINATION PLANT** package

Please note the following.

1. Due date has extended from 13-Sep-19 to 20-Sep-19 till 02:00 PM. Bid opening shall be done at 03:00 PM on the due date.
2. BHEL replies to Pre-Bid Queries attached

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

UPENDRA CHAUDHARY

Digitally signed by UPENDRA CHAUDHARY
DN: c=IN, o=BHARAT HEAVY ELECTRICALS LIMITED, postalCode=201301, st=Uttar Pradesh,
2.5.4.20=9aef92814d1167bfba18bea4c9c2ce391b8276731139d007915dbf62a123dc9f, serialNumber=51ba24e18a574d7bbe9bd58d10bd2ccbb7c39ffe5c1ab8b90155dd007d2cdd38, cn=UPENDRA CHAUDHARY
Date: 2019.09.13 16:54:48 +05'30'

Upendra Chaudhary
Manager/BOP

Pre-bid Clarifications dated 13.09.2019						
VOLUME	**SECTION**	**CLAUSE No**	**PAGE NO**	**SPECIFICATION REQUIREMENT**	**CLARIFICATION**	**BHEL Replies**
Volume III	II A	25	335 to 362 of 563	Air Conditioning and Ventilation system	We have not considered in our scope of supply and not applicable for us. There is no clarity in this scope. Lots of items like condenser / compressor/air handling unit etc are mentioned, not part of our supply. Incase air conditioning is to be considered, room size / specs have to be mentioned. With respect to ventilation system please provide the layout / specs of ventilation. For the room for which ventilation system has to be provided, System like number of air changes required for the volume of the room, room size required.	Bidder to refer Specific Tech. Requirements for Chlorination Plant scope. Technical Spec. requirement is clear and bidder to follow the same. However, 1 no. common MCC room size of 18M (L) x 6M (W) x 4.5M (H) and 1 no. common control room size of 8M (L) x 8M (W) x 4.5M (H) & battery room of 4M (L) x 8M (W) x 4.5M (H) size may please considered for AC & Ventilation requirements. MCC panel heat dissipation data and control panel heat dissipation data shall be provided during detailed engineering.
Volume II B	Sub Section – I A	6.0 – c, d, f	15 of 563	Terminal Points	Please note that we can provide 5 mtrs pipe length from our Booster Pump suction only not from chlorination building. We don't know about your chlorination building size. Orientation of room (NWSE), which points you will terminate in chlorination building. Hence to have clarity we shall consider from our booster pump suction 5 mts or water termination piping from our side shall not exceed 5 mts total. If you need any extra pipe length is in BHEL scope.	Technical Spec. requirement is clear and bidder to follow the same.
Volume II B	Sub Section – I A,	Annexure - XI	102 to 117 of 563	Storage & Preservation	We have not considered in our scope. It is not practical to provide shelter & storage facilities for this small job hence we request for BHEL to provide. Please note this is a small Turnkey project handled by MSMED and not big size. It is difficult to build storage sheds and store for materials for small size contract for a period of 16 months. It is giving responsibility without authority to a small MSMED company. Besides the plant is all open and difficult to store and preserve safety without proper authorization and power. Very expensive to considering the project value of the contract. We request you to give space in BHEL stores just like any small supply contract.	Technical Spec. requirement is clear and bidder to follow the same.
VOLUME II B	SUB – SECTION I A	14. , I, II, III	18,19,20 of 563	DCS Panel	Please let us know the scope of DCS panel, Electrical relay based control panel, Junction boxes, OFC Cables and interconnecting control cables between DCS and junction boxes. There is no clarity in respect to DCS. In DCS shall be in our scope, details of DCS shall not given clearly. Scope clarity is not there, please clarify. Please note MCC/UPS / Earthing Pit etc is not in our scope.	Please note that DCS/ DDCMIS is in BHEL's scope. Technical specification requirements are clear w.r.t. other requirements and bidder to follow the same.
VOLUME II B	SUB – SECTION I C	4	258 of 563	Redundancy of Sensors	Redundancy of Sensors is not clear, please let us know for what instruments /sensor redundancy is required and how many each.	Bidder to refer the technical amendment being issued
VOLUME II B	SUB – SECTION I A	12	17 of 563	Statutory Clearance	We have been asked to provide statutory clearance for everything without specifying. What statutory clearance and from whom, hence it is not possible for us to accept this carte blanche class for such a small order. Please note we are not doing civil works and it is not practical for us to get any clearance from PCB, Patta, VAO, NOC from municipality etc. Hope you will understand.	Technical specification requirements are clear and bidder to follow the same.
VOLUME II B	SUB – SECTION I B	4	231 of 563	Any other equipment/ material/ service required for completeness of system based on system offered by the vendor (to ensure trouble free and efficient)	We don't consider this type of general statement. Please mention clearly what is required to be provided by us, beyond this we will provide anything extra.	Technical specification requirements are clear and bidder to follow the same.
GST Related Corrigendum to GCC Rev. 06		Clause No.03 Instruction to bidder		Total erection & commissioning charges including applicable tax but excluding freight along with GST should be minimum 20% (or as specified in NIT) of the total quoted package price (excluding mandatory spares but including all taxes and freight), failing which the break-up of prices shall be adjusted accordingly for ordering.	Not Acceptable. Please note under GST regime we will get the taxes offset for purchase of materials, if you put the cost of Supply and Erection (80% : 20%) we lose this offset effect as our cost of project materials supply will be more than 85%, there in we get only 80% and we pay more taxes also. Further in service we may not get service bills more than 20% and we cannot get taxes offset here also. This is putting a MSMED company like us in a difficult position, three folds 1) We have to invest more and get less money after long waiting (considering your payment terms of more than 45 to 60 days). 2) We don't get the taxes offset benefit and also we pay more tax upfront before getting paid. 3) We loss on taxes service offset during erection also, as we cannot generate service bill to that effect, service cost is less than supply cost. Hope you will understand our predicament and consider our deviation of 90% supply & 10% service.	Shall be as per GST Related Corrigendum to GCC Rev. 06