



BHARAT HEAVY ELECTRICALS LIMITED
PROJECT ENGINEERING MANAGEMENT, NOIDA

Date: 05 Feb 2021

CORRIGENDUM- 03

PROJECT	:	5X800 MW YADADRI TPS
PACKAGE	:	CONDENSATE POLISHING UNIT
ENQUIRY NO	:	PE/PG/YAD/E-6595/2020 Dated 25.01.2021
SUBJECT	:	TECHNICAL AMENDMENT+ PRE BID QUERY REPLY

Type of Corrigendum			
Technical Corrigendum -	☒	Commercial Corrigendum -	☒

Please note the following:

- 1. Reply to Pre-Bid Query & Technical Amendment No # 2 attached with this corrigendum shall be treated as part of NIT.**

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

Yours faithfully,

For and on behalf of BHEL

Sharad Chandra
Manager/BOP



**AMENDMENT ON TECHNICAL SPECIFICATION
FOR
CONDENSATE POLISHING UNIT
5X800 MW YADADRI TPS**

SPECIFICATION NO.: PE-TS-417-155-A001

AMENDMENT NO # 2

REV. NO. 00

DATE: 29/01/2021

Page 1 of 1

The following modifications with respect to Technical Specification for **CONDENSATE POLISHING UNIT** BHEL's Technical PQR for 5X800 MW YADADRI TPS shall apply.

Bidder to note that existing documents detail as appearing in the NIT stands modified with modified Document details as mentioned below in **SCHEDULE A** and to be complied by the bidder.

SCHEDULE-A

MODIFIED CLAUSES/ PAGE NUMBERS:

SI no.	Vol. No.	Section/ Description	Clause no	Page no	Existing Document Detail	Modified Document Detail
1.	-	PQR Annexure-I	-	-	PQR along with Annexure-I Rev 00	PQR along with Annexure-I Rev 00 has been replaced with PQR along with Annexure-I Rev 01. Bidder to refer and comply the same.



**Power Sector – PEM Noida
Technical Pre - Qualification Requirements
(For Open/Global Tender)**

Sheet 1 of 1

**PROJECT: 5X800 MW YADADRI THERMAL
POWER STATION**

PACKAGE:CONDENSATE POLISHING UNIT

DEPARTMENT:- MECHANICAL AUXILIARY

REVISION:- REV 01

PRE-QUALIFICATION REQUIREMENT – CONDENSATE POLISHING UNIT IN YADADRI TPS (5X800 MW)

The bidder is required to meet the Provenness criterion and / or qualification requirement for condensate polishing unit as per criteria stipulated below:

1.0 a)	The Bidder should have designed, supplied, erected and commissioned at least one (1) Condensate Polishing Plant with external regeneration system, comprising of at least two (2) deep mixed bed type service vessels operating in parallel and in conjunction with the main TG unit. Each of these vessels shall have a minimum capacity of 325 m3/hr running successfully for minimum one (1) year from date of commissioning as on the date of bid opening. The bidder shall be qualified for plants having similar external regeneration system with associated mechanical, electrical & control systems, incorporating the same resin separation and regeneration process as adopted in the plants by virtue of which the bidder is qualified.
1.0 b)	The Bidder who do not meet the qualification requirements stipulated at clause 1.0 a) above, may also participate provided the Bidder is a Contractor in water treatment plant and has executed at least one (1) number ion exchange based demineralising plant of minimum capacity of 60 Cu.m/hr consisting of maximum two (2) streams and associates for this bid with an Associate /Collaborator/Technology provider/Licenser/Qualified equipment manufacturer who in turn fully meets the requirements stipulated at clause 1.0 a) above. In such case, the Bidder shall be required to furnish a 'letter of support' from the Associate /Collaborator/Technology provider/Licenser/Qualified equipment manufacturer as per Annexure-I along with scope matrix for execution and both the bidder and its Associate shall be jointly and severally liable to the owner for successful performance of Condensate Polishing Plant.
2.0	Bidder has to submit of following supporting documents meeting above mentioned pre-qualifying requirements. Copy of minimum one performance certificate in English from end user along with copy of related Purchase Order (PO)/ Letter of Intent(LOI)/ Letter of award(LOA) or Work order(WO) specifying that the product is running successfully for one (1) year from date of commissioning, in support of PQR clause mentioned at S. No. 1.0 a) & 1.0 b) above.
3.0	Bidder shall submit design documents to substantiate technical parameters specified in PQR, if the same is not mentioned in performance certificate/ purchase order. In order to meet the PQR, the bidder shall provide all necessary data such as type, design, make, capacity, duty conditions, date of commissioning/ operation etc.
4.0	Bidder to submit all supporting documents in English. If documents submitted by bidder are in language other than English, a translation copy of its pertinent passages in English language shall be used for purposes of interpretation of the bid. The English Translation copy of the documents shall be carried out by professional translators and the translator shall certify that he is proficient in both languages in order to translate the document and that the translation is complete and accurate. Further, translation shall be authenticated by the Indian Consulate located in the Country where the documents have been issued or the Embassy of that Country in India.
5.0	Notwithstanding anything stated above, BHEL/Customer reserves the right to assess the capabilities and capacity of the bidder to perform the contract, should the circumstances warrant such assessment in overall interest of BHEL/Customer.
6.0	Consideration of offer shall be subject to customer's approval of bidder.
7.0	After satisfactory fulfilment of all the above criteria/ requirement, offer shall be considered for further evaluation as per NIT and all other terms of the tender.

ANNEXURE-I

**LETTER OF SUPPORT FOR SATISFACTORY PERFORMANCE OF CONDENSATE POLISHING UNIT
FOR YADADRI TPS (5X800 MW)**

To: Telengana State Power Generation Corporation Ltd

Vidyut Soudha

Khairatabad, Hyderabad-500 082

Sub: Letter of Support submitted From (name of the Associate /Collaborator*/Technology provider*/Licensor*/Qualified equipment manufacturer*) undertaking the responsibility for satisfactory performance of Condensate polishing unit.

Dear Sirs,

1. In accordance with the Award of the Contract by BHEL, PEM, Noida-201301 (Name of the Contractor) to M/s. (Name of the vendor), we the aforesaid Associate /Collaborator*/Technology provider*/Licensor*/Qualified equipment manufacturer*, (M/s) shall be fully responsible for the satisfactory performance of the Condensate polishing unit.
2. Further, the manner of achieving the objective set forth in point 1 above shall be as follows:
For Condensate polishing unit,
 - a) We shall provide and shall be fully responsible for design, engineering & commissioning, manufacturing and assembly drawings of Condensate polishing unit. Condensate polishing unit shall be manufactured and supplied as per above design provided by us and the drawings approved by Employer.
 - b) We shall depute technical experts to Bidder's/sub-vendor's works for supervision during manufacturing, assembly, erection, commissioning and final testing (as and when necessary) of the Condensate polishing unit.
 - c) We shall promptly carry out all the corrective measures and shall promptly provide corrected design and shall undertake replacements, rectifications or modifications to the equipment as required in case the equipment fails to demonstrate successful performance as per contract at site.
 - d) We shall participate in Technical Co-ordination meetings (TCMs) from time to time, as and when required by Employer
3. We, the Associate /Collaborator*/Technology provider*/Licensor*/Qualified equipment manufacturer* do hereby undertake and confirm that this Letter of Support shall be valid till the contractual guarantee period.

Signature of the Authorised Representative: ...

For M/s

(Associate*/Collaborator*/Technology provider*/Licensor/Qualified equipment manufacturer*)

Name

Designation

Date.....

Common Seal of the Company

***: Strike off whichever is not applicable.**

CONDENSATE POLISHING UNIT FOR 5X800 MW YADADRI TPS

PRE-BID QUERIES

Sl. No.	Volume	Section	Clause No.	Page No.	Specification Requirement	Clarification	Reason for Clarification / Bidder's Assumption	BHEL Replies
1.	PE-TS-417-155A-A001	SUB SECTION - IA	Scope of Service, Point No.11	39	Arrangement of all instruments, equipment, lab facilities, reagents, monitoring gadgets for monitoring, pre-commissioning, carrying out trial run, commissioning, PG test & till plant hand over.	1. M/s BHEL to kindly spell out time duration for PG after commissioning. 2. M/s BHEL to please clarify about the plant handing over strategy, it shall be just after PG test or it will be handing over with BTG package. 3. M/s BHEL to provide handing over time to calculate the reagent consumption for analysers. 4. In case M/s BHEL has any reservation to provide timeline for each section then clearly provide the time duration for chemical consumption.	M/s BHEL to clarify.	Bidder to please note that the details asked shall be mutually discussed and decided during the detail engineering.