
	Power Sector – PEM Noida Technical Pre - Qualification Requirements (For Open Tender)	PROJECT: 1 X 660 MW SAGARDIGHI EXTENSION PROJECT UNIT-V
		PACKAGE: CONDENSATE POLISHING UNIT
		DEPARTMENT:- MECHANICAL AUXILIARY
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CONDENSATE POLISHING UNIT IN SAGARDIGHI EXTENSION PROJECT (1 x 660 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	<p>A) The bidder should have designed, supplied, erected and commissioned Condensate Polishing Plant with external regeneration system, which shall be in successful operation in at least one (1) Unit of capacity 600 MW or above for a minimum period of one (1) year as on 01.07.2020.</p> <p style="text-align: center;">OR</p> <p>B) The CPU system may also be procured from such regular Indian origin manufacturers (similar equipment/system) who have proven design for the type of equipment/ subsystem/ modules/ items/ components and have supplied in at least two (2) no. of thermal power units of 500 MW or above, working satisfactorily for a minimum period of two (2) years within last 7 years as on 01.07.2020</p> <p>Additionally, the bidder should have a technology sharing licence agreement for the equipment/ subsystem of CPU with a collaborator who is a regular manufacturer/ supplier of such equipment/ subsystem of CPU with at least for the duty specified/ required for this project and meets the criteria as specified in serial number (1.0 A) above.</p> <p>In this case, the Bidder shall be required to furnish a 'letter of support' from the Collaborator as per Annexure-I for execution and the bidder shall be solely liable for the successful performance of condensate polishing plant with technical support from Collaborator.</p> <p style="text-align: center;">OR</p> <p>C) The bidder/ associate partner can also bid either himself or his group company if its parent company/ subsidiary company/ group company/ JV company (equity participation not less than 25%) meets the criteria fulfilment mentioned against serial number (1.0 A) above. Necessary end user credentials meeting the qualification intent in favour of those entities in whose strength bidder/ associate partner have selected the proven system of CPU must be submitted for approval along with the declaration of legal relationship with such entities. The bidder/ associate partner must get the design and engineering documents vetted from all such approved entities in the project.</p>
2.0	<p>If the bidder does not possess the credentials mentioned at sl no 1 above, they may alternately submit credentials as follows:</p> <p>A) The Bidder should have designed, supplied, erected and commissioned at least one (1) Condensate Polishing Plant of mixed bed, deep bed type consisting of service vessel of minimum capacity of 500 M3/hr. The plant shall have external regeneration system, incorporating the same resin separation and regeneration process as proposed by the bidder for this package. The above plant should have been in successful operation for a period of at least one (1) year as on date of bid opening.</p> <p style="text-align: center;">OR</p> <p>B) The Bidder who do not meet the qualification requirements stipulated at (2.0 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 who in turn fully meets the requirements stipulated (2.0 A) above.</p> <p>In such a case, the Bidder shall be required to furnish a letter of technical support from Collaborator / Associate for successful performance of Condensate Polishing Plant, as per the format enclosed in Annexure-1. This letter of technical support should be submitted to Employer prior to the placement of order on approved sub-vendor.</p>

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3.0	Bidder has to submit the performance certificate in English from end user/ users 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.
4.0	<p>Bidder shall submit design documents to substantiate technical parameters specified in PQR, if the same is not mentioned in performance certificate/ purchase order.</p> <p>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.</p>
5.0	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.
6.0	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.
7.0	Consideration of offer shall be subject to end customer's approval of bidder.
8.0	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.
9.0	The bidders approved by WBPDCCL for CPU for 1 x 660 MW Sagardighi Extension Project need not to submit credentials as specified in this document (Serial No. 1, 2). The list of approved suppliers by WPDCL is annexed as Annexure – II.

Notes:

- Please note, PQR indicated at Serial No. 1.0 is requirement of BHEL's end customer (M/s WBPDCCL).
- Bidders are advised to furnish the PQR documents in line with sl no. 1.0 which is specific requirement of BHEL's end customer (M/s WBPDCCL). However, in case the bidder feels that they are not meeting the requirement of Sl No. 1.0, but can meet the requirement of Sl No. 2.0, they are advised to submit the bid along with PQR documents meeting the Sl No. 2.0. The bids meeting the requirement of Sl No. 2.0 shall be technically recommended by BHEL and shall be forwarded to end customer for acceptance with respect to Sl No. 2.0 and shall be subject to approval of the bidder(s) by M/s WBPDCCL.
- In case BHEL's end customer (M/s WBPDCCL) does not consider any relaxation with respect to Sl No. 2.0, the bids and bidder's approval shall be solely governed with respect to Sl No. 1.0 of the PQR and bidder shall not have any claim with respect to Sl No. 2.0.

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ANNEXURE - I

LETTER OF SUPPORT FOR SATISFACTORY PERFORMANCE OF CONDENSATE POLISHING UNIT FOR SAGARDIGHI EXTENSION PROJECT (1x660 MW)

To:

West Bengal Power Development Corporation Ltd.
 Bidyut Unnayan Bhaban, 3/C, Block-LA, Sector III
 Bidhannagar, Kolkata-700 098

Sub: Letter of Support submitted from.....(name of the Collaborator) 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 to M/s.....(name of the vendor) , we the aforesaid Technology Provider, (M/s.....) shall be fully responsible for the satisfactory performance of the Condensate polishing unit of Sagardighi Extension Project (1x660 MW).
2. Further, the manner of achieving the objective set forth in point 1 above shall be as follows, for condensate polishing Plant (CPP),
 - a) We shall be fully responsible for design, engineering & commissioning and extending all necessary support for putting into satisfactory operation and carrying out the Guarantee Tests for Condensate polishing plant to the satisfaction of the employer.
 - b) We shall depute technical experts to Bidder's/ sub-vendor's works for supervision during manufacturing, assembly, inspection, as and when required by employer. We shall participate in site erection, commissioning and final testing (as and when necessary) of the Condensate polishing Plant.
 - c) We shall participate in Technical Co-ordination meetings (TCMs) from time to time, as and when required by Employer.
 - d) We shall promptly carry out all the corrective measure and shall promptly provide corrected design and shall undertake replacements, rectifications or modifications to the Condensate Polishing plant as and when required by employer in case the Condensate Polishing plant fails to demonstrate successful performance as per contract at site.
3. We, technology provider do hereby undertake and confirm that this Letter of Technical Support shall be valid shall be valid up to the end of the defect liability period of contract.

Signature of the Authorised Representative:

For M/s
 (Collaborator)

Name

Designation

Date.....

Common Seal of the Company

923539/2022/PS-PEM-MAX



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ANNEXURE - II

**Following suppliers/ vendors are approved by M/s WBPDCCL for CPU for 1 x 660 MW SAGARDIGHI EXTN.
 PROJECT UNIT – V:**

1. BGR Energy Systems Limited.
2. DRIPLEX Water Engineering International Private Limited, Hardwar.
3. Ion Exchange (India) Ltd.
4. THERMAX Limited. Pune.
5. VA Tech WABAG Ltd