

	PROJECT: 3x660 MW NABINAGAR STPP		DOC NO.: PE-PQ-457-571-A101	
	PRE-QUALIFICATION REQUIREMENT (PQR)		DATE	17.02.2020
	GYPSUM DEWATERING SYSTEM		REV NO.	00

1.0	The bidder shall submit its credentials having previously designed and manufactured for at least one (1) number Vacuum Belt Filter for dewatering process in a Wet Limestone based FGD application in Coal fired power plant, of minimum capacity of 52.24 Tons per hour (wet cake), which is in successful operation for a period of not less than one (1) year as on 13.12.2019.
2.0	In case the Bidder does not have above credential, but is a manufacturer, previously designed and manufactured, at least one (1) number Vacuum Belt Filter for dewatering process in a Wet Limestone based FGD application in Coal fired power plant or in any other process application, of the minimum same capacity i.e., 52.24 Tons per hour (wet cake), which is in successful operation for a period of not less than one (1) year as on 13.12.2019.
3.0	In case bidder is not meeting either of the above clauses, it shall fulfil the requirement <i>placed at the Annexure-1</i> pertaining to the Provenness criteria for vacuum belt filter and associated equipments for the Flue Gas Desulphurisation System. Further, a duly filled-in format placed at Annexure-2 shall be furnished in such case(s).
4.0	The supplier has to submit following supporting documents meeting above mentioned pre-qualifying requirement: Copy of minimum one (1) performance certificate (in English) from end user along with copy of related Purchase Order (PO) or Letter of intent (LOI) or Letter of Award (LOA) or Work Order (WO) in support of PQR above.
5.0	Bidder shall submit design documents to substantiate technical parameters specified in PQR, if the same is not mentioned in performance certificate/purchase order.
6.0	Bidder to submit all supporting documents in English. If documents submitted by bidder are in language other than English, a translation of its pertinent passages in English language in which case, for purposes of interpretation of the bid, the translation shall govern. The English Translation 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.
7.0	Notwithstanding anything stated above, BHEL/NPGCPL reserves the right to assess the capabilities and capacity of the bidder to perform the contract, should the circumstances warrant such assessment in the overall interest of BHEL/NPGCPL.
8.0	After satisfactory fulfilment of all the above criteria/ requirement, offer shall be considered for further evaluation as per NIT and all the other terms of the tender.

Notes:

- Please note, PQR indicated at Clause no 1 is requirement of BHEL's customer (M/s NPGCPL) with respect to capacity and FGD application in coal fired power plant and to be considered by M/s NPGCPL while approving the bidder.
- BHEL is in the process of seeking with M/s NPGCPL for relaxation with respect to alternate process application which is indicated at clause no. 2.**

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3. Bidders are advised to furnish the PQR documents in line with Clause no. 1 which is specific requirement of BHEL's end customer. However, in case the bidder feels that they are not meeting the requirement of clause no. 1, but can meet the requirement of clause no. 2, then they are advised to submit the bids along with PQR documents meeting the clause no. 2. **The bids meeting the requirement of clause no. 2 shall be technically recommended by BHEL and shall be forwarded to end customer for acceptance of any relaxation in line with the clause no. 2 and shall be subject to approval of bidder(s) by M/s NPGCPL.**
4. In case BHEL's end customer (M/s NPGCPL) does not consider any relaxation with respect to clause no. 2 above, the bids and bidder's approval shall be governed with respect to clause no. 1 of PQR and bidder will not have any claim with respect to clause no. 2.

Prepared By

Reviewed By

Approved By

Annexure-1 to Doc No. PE-PQ-457-571-A101

1. Bidder shall offer and supply only the type of the specified equipment(s) for which he himself or the manufacturer proposed by the bidder for the equipment(s) is qualified.
2. A JV / Subsidiary Company formed for manufacturing and supply of equipment(s) as listed at clause no. 1.0 of document no. PE-PQ-457-571-A101, in India can also manufacture such equipment(s), provided that it has a valid collaboration or licensing agreement for design, engineering, manufacturing of such equipment(s) in India with a qualified equipment manufacturer who meets the requirements stipulated at the said clause (or the technology provider of the qualified equipment manufacturer) for the respective equipment(s). Before taking up the manufacturing of such equipment(s), the bidder/ his sub-vendor(s) must create /have created manufacturing facilities at his works as per collaborator's/licenser's design, manufacturing and quality control system for such equipment(s).
3. Further, in such a case, such qualified equipment manufacturers should have, directly or indirectly through its holding company/ subsidiary company, at least 26% equity participation in the Indian Joint Venture Company/ Subsidiary Company, which shall be maintained for a lock-in period of seven (7) years from the date of incorporation of such Joint Venture/ Subsidiary or up to the end of defect liability period of the contract, whichever is later.
4. In such case(s), the bidder shall furnish the following details of JV/Subsidiary company:
 - a. Copy of document of incorporation of JV/Subsidiary company in India
 - b. Copy of valid ongoing collaboration and technology transfer agreement for design, engineering, manufacturing, supply of such equipment in India with the collaborator who meets the requirement stipulated at clause 1.0 of document no. PE-PQ-457-571-A101.
 - c. Copy of document of at least 26% equity participation of qualified equipment manufacturer in the Indian JV company/subsidiary company directly or indirectly through its holding/Subsidiary company, which shall be maintained for a lock-in period of seven (7) years from the date of incorporation of such JV/Subsidiary or up to the end of defect liability period, of the contract whichever is later.
 - d. Further, the details of collaborator or technology provider of the qualified equipment manufacturer who meets the requirement stipulated at clause 1.0 & 2.0 of document no. PE-PQ-457-571-A101 shall be filled by the bidder in the format placed at Annexure-2.
5. Before taking up the manufacturing of such equipment(s) as per clause 2 above, the Bidder must create (or should have created) manufacturing and testing facilities at its works as per Collaborator / licensor's design, manufacturing and quality control system for such equipments duly certified by the Collaborator / licensor. Further, the Collaborator / Licensor shall provide (or should have provided) all design, design calculation, manufacturing drawings and must provide (or should have provided) technical and quality surveillance assistance and supervision during manufacturing, erection, testing, commissioning of equipments.
6. Bidder shall offer and supply only the type of the above equipment(s) for which it, itself or the manufacturer / Collaborator(s) / Licensor(s) proposed by the Bidder for the above equipment(s) is qualified.
7. BHEL/NPGCPL reserves the right to fully satisfy himself regarding capability and capacity of Bidder / its sub-vendor(s) and the proposed arrangement and may prescribe additional requirement before allowing manufacture of the equipment listed above for this contract.
8. Whenever the term 'coal fired' is appearing, 'Coal' shall be deemed to also include Bituminous coal/ Brown coal/ Anthracite coal/ Lignite.

- G. Vacuum Belt filters:** We declare that, we/our Sub-Vendor, have designed (either by itself or under collaboration / licensing agreement), *manufactured/*got manufactured and supplied at least one (1) number of Vacuum Belt filter of minimum 80% of the offered Vacuum Belt filter capacity , Belt type, working in Wet Limestone based FGD application in Coal fired power plant and which has been in successful operation for minimum one(1) year reckoned as on the date of consideration for approval but not later than six months to award date of contract to the Main bidder, as per the details furnished below:

Sl. No.	Description	Reference Work
1.	Name of the reference plant & location:	
2.	Client name and his address:	
3.	No. of units and capacity in MW of unit:	
4.	Whether power plant is coal fired	-*Yes/*No
5.	Whether operating in a Wet Limestone based FGD application in coal fired power plant	-*Yes/*No
6.	Name of equipment manufacturer & address:	
7.	Date of commission of the equipment:	
8.	Model no. of the equipment:	
9.	Brief Technical particulars of the equipment:	
10.	Capacity-	TPH

Sl. No.	Description	Reference Work
11.	Whether the equipment(s) are in successful operation in atleast one(01) plant for a period not less than one(01) year reckoned as on the date of consideration for approval but not later than six months to award date of contract to the Main bidder	-*Yes/*No
12.	Flue gas Desulphurization system details:	*Technical extract/ *paper letter/ *email/ *Drwaing from user or *contract docu ment or *scheme or *any document in public domain enclosed at annexure....to Attachment-3K
13.	Scope of Work:	*Letter of Award or *Contract or *P.O. enclosed at Annexure.....to Attachment-3K
14.	Performance details:	*Certificate/*Letter/*E-mail from End user enclosed at Annexure.....to Attachment-3K

* Strike off whichever is not applicable.