	POWER SECTOR-PEM NOIDA	PACKAGE: COMPRESSED AIR SYSTEM	
	TECHNICAL PRE-QUALIFICATION REQUIREMENTS (FOR OPEN/GLOBAL TENDERS) To be read in conjunction with PEM general PQR	DEPARTMENT : MECHANICAL AUXILIARY	
	Sheet no 1 of 2	Rev 00	Dt: 23.07.2014

The following technical details are required from bidder to comply technical PQR:

For oil free <sup>Reciprocating</sup> ~~reciprocating~~ & Screw machines - minimum capacity of 20Nm<sup>3</sup>/min with min discharge pressure of 7.5 kg/sqcm (g). Vendor should be OEM.

Not Applicable for Unchahar TPS (1x500 MW) <sup>Reciprocating</sup> ~~Reciprocating~~ } For Centrifugal Machine 50 Nm<sup>3</sup>/min (Centrifugal) with min discharge pressure of 7.5 kg/sqcm (g). Vendor should be OEM/having technical collaboration/licensing agreement with OEM for centrifugal machine having supplied jointly and working satisfactorily.  
 Rekha  
 23.07.14


Supplier should have designing/manufacturing capability and having testing facility (in house or outsourced).

Compressed air system should have been successfully in use for at least one year (as on 15.06.2013...) in power plant or other industries e.g. refinery/steel/process/commercial etc. For this the supplier has to submit either of following supporting documents meeting below mentioned conditions.

- i) Copy of minimum one (1) performance certificate in English from end user along with copy of related Purchase Order specifying that the product is running successfully for one (1) year from date of commissioning.
- OR
- ii) Minimum one second/repeat purchase order (placed with a minimum gap of one (1) year after commissioning of first order) from same purchaser meeting the minimum pre-qualifying requirement.

OR

PREPARED BY			CHECKED & REVIEWED BY			APPROVED BY		
Rekha Kumari/ Sayan Roy	<i>Rekha Sayan Roy</i>	23.07.14	Harish Kumar / SK Bhowmik			Praveen Kishore	<i>Praveen Kishore</i>	25/07/2014
NAME	SIGNATURE	DATE	NAME	SIGNATURE	DATE	NAME	SIGNATURE	DATE

	POWER SECTOR-PEM NOIDA	PACKAGE: COMPRESSED AIR SYSTEM	
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- iii) Minimum three purchase orders (placed with minimum gap of one (1) year from previous purchase order) from same purchaser meeting the minimum pre-qualifying requirement.

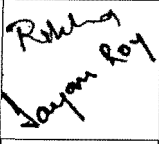
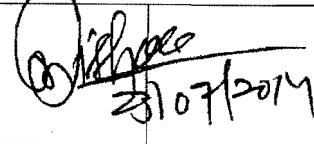
**Note:**

- i) Vendor shall submit design documents to substantiate technical parameters specified in PQR, if the same is not mentioned in performance certificate/purchase order.
- ii) Minimum two (2) nos. Purchase orders shall be submitted which should not be more than ten (10) years old as on date of application for registration/bid submission, for establishing continuity in business.
- iii) Vendor may also qualify based on the credential of principal meeting package specific pre-qualifying requirements having technical valid collaboration/licensing agreement.
- iv) In case documents submitted for meeting PQR are in language other than English, notarized English translation shall also be submitted.

Not Applicable  
for Unchahar  
TPS (1x500MW)  
Rekha  
23.07.14

**General:**

- (1) PEM registered vendors without technical limit are not required to submit the credentials to meet the PQR in case of open/global tender, however credentials may be required to be submitted for customer approval.
- (2) PEM registered vendors with technical limit are required to check PQR in case of open/global tender and will submit the credentials, if project specific PQR is more stringent than technical limit of registration in PEM. In such case, the bidder will be evaluated based on credential submitted.

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Rekha Kumari/ Sayan Roy		23.07.14	Harish Kumar / SK Bhowmik			Praveen Kishore		23/07/2014
NAME	SIGNATURE	DATE	NAME	SIGNATURE	DATE	NAME	SIGNATURE	DATE