



**TECHNICAL PRE-QUALIFICATION REQUIREMENT**  
**PACKAGE: COMPRESSED AIR SYSTEM**  
(GROUP I)

PE-TS-510/ 527/ 528/  
529/ 530-555-A001

DATE	DEC 2025
REV. No.	00
PAGE No.	Page 1 of 1

S. No.	DESCRIPTION
1.	<b>TECHNICAL PRE-QUALIFICATION REQUIREMENT</b>
	<b>COMPRESSED AIR SYSTEM</b>
	<ul style="list-style-type: none"><li>The bidder should have designed, manufactured, supplied, erected/supervised erection and commissioned/supervised commissioning of at least one (1) number non-lubricated oil free screw type air compressor of minimum capacity 20 NM<sup>3</sup>/min or at least one (1) number centrifugal air compressor of minimum capacity 50 NM<sup>3</sup>/min and at rated discharge pressure of 8 kg/cm<sup>2</sup> (g), which should have been in successful operation for at least one (1) year as on date of techno commercial bid opening. Bidder shall offer only the type of compressors for which he is qualified.</li></ul>

**NOTES:**

a.	The Bidder 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 clause mentioned at S. No. 1.0 above.
b.	Bidder shall submit design documents to substantiate technical parameters specified in PQR, if the same is not mentioned in performance certificate / purchase order.
c.	Bidder to submit all supporting documents in English. If documents submitted by bidder are in language other than English, a self-attested English translated document should also be submitted.
d.	Consideration of offer shall be subjected to customer's approval of bidders, if applicable.
e.	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.
f.	Notwithstanding anything stated above, CUSTOMER/BHEL 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 the CUSTOMER/BHEL (Bidder to furnish details mentioned in Annexure-i Group I).
g.	The bidder shall meet PQR based on its own credentials. Bid from joint venture (JV) company / Consortium bid is not acceptable.
h.	<b>Sub-Supplier Qualification Requirement for Air Drying Plant (ADP):</b> The ADP proposed to be supplied for this package, shall be sourced from such manufacturers who have manufactured and supplied at least one (1) number Air Drying Plant each of capacity 50 NM <sup>3</sup> /min or more and the type same as offered, which should have been in successful operation for at least one (1) year as on on date of techno commercial bid opening. Bidder has to furnish an undertaking to meet this sub-supplier Qualification Requirement. However, Bidder to furnish the required documents (as mentioned against Note no. a) for establishing ADP provenness as per Annexure-ii Group I of this PQR, after placement of order.



**TECHNICAL PRE-QUALIFICATION REQUIREMENT**  
**PACKAGE: COMPRESSED AIR SYSTEM**  
**(GROUP II)**

**PE-TS-510/ 527/ 528/  
529/ 530-555-A001**

DATE	DEC 2025
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PAGE No.	Page 1 of 1

S. No.	DESCRIPTION
1.	<b>TECHNICAL PRE-QUALIFICATION REQUIREMENT</b>
	<b>COMPRESSED AIR SYSTEM</b>
	<ul style="list-style-type: none"> <li>The bidder should have designed, manufactured, supplied, erected/supervised erection and commissioned/supervised commissioning of at least two (2) number non-lubricated oil free screw type air compressor of minimum capacity 40 NM<sup>3</sup>/min or at least two (2) number centrifugal air compressor of minimum capacity 50 NM<sup>3</sup>/min and at rated discharge pressure of 8 kg/cm<sup>2</sup> (g), which should have been in successful operation for at least two (2) year prior to the date of techno commercial bid opening. Bidder shall offer only the type of compressors for which he is qualified.</li> </ul>

**NOTES:**

a.	The Bidder 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 clause mentioned at S. No. 1.0 above.
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g.	The bidder shall meet PQR based on its own credentials. Bid from joint venture (JV) company / Consortium bid is not acceptable.
h.	<b>Sub-Supplier Qualification Requirement for Air Drying Plant (ADP):</b> The ADP proposed to be supplied for this package, shall be sourced from such manufacturers who have manufactured and supplied at least two (2) number Air Drying Plant each of capacity 40 NM <sup>3</sup> /min or more and the type same as offered, which should have been in successful operation prior to the date of techno commercial bid opening. Bidder has to furnish an undertaking to meet this sub-supplier Qualification Requirement. However, Bidder to furnish the required documents (as mentioned against Note no. a) for establishing ADP provenness as per Annexure-i Group II of this PQR, after placement of order.

# PQR ANNEXURE i Group I

<b>i.</b>	<b>Item/Scope of Sub-contracting</b>			
<b>ii.</b>	<b>Address of the registered office</b> 	<b>Details of Contact Person</b> <i>(Name, Designation, Mobile, Email)</i> 		
<b>iii.</b>	<b>Name and Address of the proposed Sub-vendor's works where item is being manufactured</b> 	<b>Details of Contact Person:</b> <i>(Name, Designation, Mobile, Email)</i> 		
<b>iv.</b>	<b>Annual Production Capacity for proposed item/scope of sub-contracting</b>			
<b>v.</b>	<b>Annual production for last 3 years for proposed item/scope of sub-contracting</b>			
<b>vi.</b>	<b>Details of proposed works</b>			
1.	<b>Year of establishment of present works</b>			
2.	<b>Year of commencement of manufacturing at above works</b>			
3.	<b>Details of change in Works address in past (if any)</b>			
4.	<b>Total Area</b>			
	<b>Covered Area</b>			
5.	<b>Factory Registration Certificate</b>	<b>Details attached at Annexure – F2.1</b>		
6.	<b>Design/ Research &amp; development set-up</b> <i>(No. of manpower, their qualification, machines &amp; tools employed etc.)</i>	<b>Applicable / Not applicable if manufacturing is as per Main Contractor/purchaser design</b>  <b>Details attached at Annexure – F2.2</b> <i>(if applicable)</i>		
7.	<b>Overall organization Chart with Manpower Details</b> <i>(Design/Manufacturing/Quality etc)</i>	<b>Details attached at Annexure – F2.3</b>		
8.	<b>After sales service set up in India, in case of foreign sub-vendor</b> <i>(Location, Contact Person, Contact details etc.)</i>	<b>Applicable / Not applicable</b>  <b>Details attached at Annexure – F2.4</b>		
9.	<b>Manufacturing process execution plan with flow chart indicating various stages of manufacturing from raw material to finished product including outsourced process, if any</b>	<b>Details attached at Annexure – F2.5</b>		
10.	<b>Sources of Raw Material/Major Bought Out Item</b>	<b>Details attached at Annexure – F2.6</b>		
11.	<b>Quality Control exercised during receipt of raw material/BOI, in-process , Final Testing, packing</b>	<b>Details attached at Annexure – F2.7</b>		
12.	<b>Manufacturing facilities</b> <i>(List of machines, special process facilities, material handling etc.)</i>	<b>Details attached at Annexure – F2.8</b>		

# PQR ANNEXURE i Group I

13.	<b>Testing facilities</b> (List of testing equipment)	<b>Details attached at Annexure – F2.9</b>
14.	<b>If manufacturing process involves fabrication then-</b>	<b>Applicable / Not applicable</b>
	<b>List of qualified Welders</b>	<b>Details attached at Annexure – F2.10</b>
	<b>List of qualified NDT personnel with area of specialization</b>	<b>(if applicable)</b>
15.	<b>List of out-sourced manufacturing processes with Sub-Vendors' names &amp; addresses</b>	<b>Applicable / Not applicable</b>  <b>Details attached at Annexure. –F2.11</b> <b>(if applicable)</b>
16.	<b>Supply reference list including recent supplies</b>	<b>Details attached at Annexure – F2.12</b> <b>(as per format given below)</b>
<b>Project/ package</b>	<b>Customer Name</b>	<b>Supplied Item (Type/Rating/Model /Capacity/Size etc)</b>
17.	<b>Product satisfactory performance feedback letter/certificates/End User Feedback</b>	<b>Attached at annexure - F2.13</b>
18.	<b>Summary of Type Test Report (Type Test Details, Report No, Agency, Date of testing) for the proposed product</b> (similar or higher rating) <b>Note:- Reports need not to be submitted</b>	<b>Applicable / Not applicable</b>  <b>Details attached at Annexure – F2.14</b> <b>(if applicable)</b>
19.	<b>Statutory / mandatory certification for the proposed product</b>	<b>Applicable / Not applicable</b>  <b>Details attached at Annexure – F2.15</b> <b>(if applicable)</b>
20.	<b>Copy of ISO 9001 certificate</b> (if available)	<b>Attached at Annexure – F2.16</b>
21.	<b>Product technical catalogues for proposed item (if available)</b>	<b>Details attached at Annexure – F2.17</b>
<b>Name:</b>	<b>Desig:</b>	<b>Sign:</b>

**Company's Seal/Stamp:-**

## PQR ANNEXURE i Group I

**Sub :** Sub-Qualifying Requirements for the Compressed Air System stipulated in Clause

Sl.No.	Item	Plant 1
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### A) Air Compressor

In line with the Sub-qualifying requirements stipulated in Clause 4.7 of Sub-Section-IA, Part-A, Section-VI, we / our sub-vendor confirm that we/our sub-vendor have designed, manufactured, supplied, erected /supervised erection and commissioned/supervised commissioning of atleast one (1) no. non-lubricated oil free screw type air compressor of minimum capacity 20 NM3/min each or atleast one (1) no. centrifugal air compressors of minimum capacity 50 NM3/min each and at rated discharge pressure of 8 Kg./cm2(g) which have been in successfull operation for atleast one (1) year.

1. Name of the Project  
and its address where the  
system is installed .....
2. Name of the Client with  
address, name of Contact  
person(s) with tel.no.  
& fax no. ....
3. Order No. and date
4. Purchase order enclosed Yes/No
5. Name of the Manufacturer & Address
6. Date of commissioning of the  
compressors
7. No. of Compressors supplied
8. Whether the scope of work  
executed for the aforesaid  
compressors included the following
  - a) Designed Yes/No
  - b) Manufactured Yes/No

Signature of authorized signatory.....

## PQR ANNEXURE i Group I

Sl.No.	Item	Plant 1
	c) Supplied	Yes/No
	d) Erected/supervised erection	Yes/No
	e) Commissioned/supervised commissioning	Yes/No
9.	Brief Technical particulars of the Compressors (Bidder to fill)	
	a) whether the compressor supplied was non lubricated oil free screw/centrifugal type air compressor	
	b) Make & Model	
	c) Capacity	
	i) Flow (NM3/Min)	
	ii) Discharge pressure [Kg/cm2/(g)]	
10.	Whether atleast <b>one (01)</b> compressor have been in successful operation for a period of not less than one (01) year.	
11.	Whether documentary evidence in support of above enclosed?	Yes/No

Signature of authorized signatory.....

## PQR ANNEXURE ii Group I

### B) Air Drying plant

We/our sub-vendor further declare that the Air Drying Plant (ADP) to be supplied under the package shall be sourced from manufacturer(s) M/s..... who have manufactured and supplied atleast one (1) no. Air Drying Plant each of capacity 50 NM3/min or more and the type same as offered, which have been in successful operation for atleast one (01) year. The experience details of manufacturer are as follows :

Sl.No.	Item	Plant 1
1.	Name of the Project and its address where the system is installed	.....
2.	Name of the Client with address, name of Contact person(s) with tel.no. & fax no.	.....
3.	Order No. and date	
4.	Purchase order enclosed	Yes/No
5.	Name of the Manufacturer & Address	
6.	Date of commissioning of the Air drying unit	
7.	No. of Air drying unit supplied	
8.	Whether the scope of work executed for the aforesaid Air drying unit included the following	
	a) Manufactured	Yes/No
	b) Supplied	Yes/No
9.	Brief Technical particulars of the Air Drying unit (Bidder to fill)	
	a) Type	
	b) Flow (NM3/Min)	

Signature of authorized signatory.....

## PQR ANNEXURE ii Group I

Sl.	Item	Plant 1
10.	Whether atleastone (01) air drying plants have been in successful operation for atleast one year.	
11.	Whether documentary evidence in support of above enclosed?	Yes/No

Date :

(Signature).....

Place :

(Printed Name).....

(Designation).....

(Common seal).....

Signature of authorized signatory.....



## PQR ANNEXURE i Group II

**Sub :** Sub-Qualifying Requirements for the Compressed Air System stipulated in Clause No. 4.4.8 of Chapter 04, "Provenness" , Volume II of Technical Specification of Bidding Documents.

In line with the Sub-Qualifying Requirements stipulated in clause no. 4.4.8 of Chapter 04, "Provenness" , Volume II of Technical Specification of Bidding Documents, we have designed, manufactured, supplied, erected/supervised erection and commissioned/supervised commissioning of at least two (2) numbers non-lubricated oil free screw type air compressor of minimum capacity 40 NM3 /min each or at least two(2) numbers centrifugal air compressors of minimum capacity 50 NM3 /min each and at rated discharge pressure of 8 kg/cm<sup>2</sup> (g) which have been in successful operation for at least two (2) years prior to the date of techno-commercial bid opening.

We have manufactured and supplied at least two (2) numbers Air Drying Plant each of capacity 40 NM3/min or more and the type same as offered, which have been in successful operation prior to the date of techno- commercial bid opening

S No.	Item	Plant 1	Plant 2
<b>A)</b>	<b>Air Compressor</b>		
1.	Name of the Project and its address where the system is installed	.....	.....
2.	Name of the Client with address, name of Contact person(s) with tel.no. & fax no.	.....	.....
3.	Order No. and date		
4.	Purchase order enclosed	Yes/No	Yes/No
5.	Name of the Manufacturer & Address		
6.	Date of commissioning of the compressors		
7.	No. of Compressors supplied		

## PQR ANNEXURE i Group II

8. Whether the scope of work executed for the aforesaid compressors included the following

a)	Designed	Yes/No	Yes/No
b)	Supplied	Yes/No	Yes/No
c)	Manufactured	Yes/No	Yes/No
d)	Erected	Yes/No	Yes/No
e)	Commissioned	Yes/No	Yes/No

## PQR ANNEXURE i Group II

S No.	Item	Plant 1	Plant 2
9.	Brief Technical particulars of the Compressors (Bidder to fill)		
	a) whether the compressor supplied was non lubricated oil free screw/centrifugal compressor		
	b) Make & Model		
	c) Capacity		
	i) Flow NM <sup>3</sup> /Min)		
	ii) Discharge pressure (Kg/cm <sup>2</sup> /g)		
10.	Whether atleast two (2) compressor have been in successful operation for a period of not less than two (2) yeas prior to the date of techno-commercial bid opening		
11.	Whether documentary evidence in support of serial no 3) to 10) enclosed?	Yes/No	Yes/No
<b>B)</b>	<b>Air Drying plant</b>		
1.	Name of the Project and its address where the system is installed	.....	.....
2.	Name of the Client with address, name of Contact person(s) with tel.no. & fax no.	.....	.....
3.	Order No. and date		
4.	Purchase order enclosed	Yes/No	Yes/No
5.	Name of the Manufacturer & Address		
6.	Date of commissioning of the Air drying unit		

## PQR ANNEXURE i Group II

Sl.	Item	Plant 1	Plant 2
7.	No. of Air drying unit supplied		
8.	Whether the scope of work executed for the aforesaid Air drying unit included the following		
	a) Supplied	Yes/No	Yes/No
	b) Manufactured	Yes/No	Yes/No
9.	Brief Technical particulars of the Air Drying unit (Bidder to fill)		
	a) Type		
	b) Flow NM3/Min)		
10.	Whether at least two nos. air drying plants have been in successful operation prior to the date of techno-commercial bid opening.		
11.	Whether documentary evidence in support of serial no 3 to 10) enclosed?	Yes/No	Yes/No

- Date : (Signature).....

Place : (Printed Name).....

(Designation).....

(Common seal).....