



KARNATAKA ANTIBIOTICS AND PHARMACEUTICALS LIMITED
BULK DRUG - 7ACA Project



Pre-Bid Queries Dt. 23.03.2023
Tender Ref no : KAPL/BDP/CG/3251

NOTE: This Prebid Queries is part of the tender document and this supercedes the clauses of Tender

Sl. No.	Company Name	Bid Document Ref. No.	Queries Raised	KAPL Clarifications
1	Kirloskar Pneumatic	-	Capacity mentioned is 17000 Nm ³ /Hr - is this the total capacity of compressed air required for the plant? Please confirm	This is the actual output required from each compressor.
2		-	The quantity mentioned is 5 nos - does it mean to have capacity of 3400 Nm ³ /hr per compressor? So that 3400 Nm ³ /hr x 5 nos = 17000 Nm ³ /hr will meet the total capacity of 17000 Nm ³ /hr. Please confirm.	This output of 17000 NM ³ /Hr for each compressor.
3		-	Does it mean to have 17000 Nm ³ /hr capacity per compressor? Where 5 nos x 17000 Nm ³ /Hr = 85000 Nm ³ /hr will be the total required capacity of the plant. Please confirm.	This output of 17000 NM ³ /Hr for each compressor.
4		-	It is mentioned as capacity dry - does it mean to have the air dryer along with the compressor? Please confirm.	Yes, The capacity dry means in 17000 NM ³ /Hr dry. The air quality at the outlet of the reheater is 30°C and 50% RH.
5		-	If you require dry air what is the dew point required at atmospheric or pressure conditions (ADP/PDP)? Please confirm.	System as per tender document.
6		-	It is mentioned as a chiller (moisture separator) and reheater - please clarify.	Air leaving after cooler will go through chiller(heat exchanger) using chilled water 7-8°C. Air leaving the chiller will pass through reheater(heat exchanger) which is using the hot water leaving intercooler and after cooler as heating media.
7		-	Can layout drawing be provided?	Layout drawing has been uploaded in website.
8		-	Sound level mentioned as 80 db - is it with canopy? Please clarify.	85 db at 1 meter distance.
9		-	Turndown mentioned as 65% of normal capacity - is it turndown upto 25%	Accepted, however the compressor should have surge control arrangement.
10		-	Can we give quotation in \$	INR is only allowed as per the tender terms and condition
11		-	API 672 / API 614 - Standards are given can we deviate	Compressor shall generally confirm to API 672 and API 614.
12		-	Can water cooled motor can be given instead of air cooled	Only air cooled motor is accepted with IP-54 or IP-55 protection are accepted.
13		-	Can we provide 4/8 inch instead of 5/8 inch	As per tender only 5/8 inch tube to be provided for intercooler and after cooler.
14		-	Annexure - III Cooling water temperature available is 32°C but vendor need 25°C	Not acceptable. Compressor to be designed for 31/32°C cooling water temperature.
15		-	List of validation parameters?	Compressor to be tested as per PTC 10 code
16		-	Desired output of Humidity	50 % RH at reheater outlet.
17		-	Condition of NTP for RH is 2 % acceptable	No, RH of 0 %, Temperature -0°C and Pressure of 1.03 KG/cm ² .

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AIR COMPRESSOR 17000 Nm³/Hr
Tender Ref no : KAPL/BDP/CG/3251

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*** Please add signatories

List of Vendor present for Pre-Bid Queries			
Kirloskar Pneumatic	Yamsee Mohan M Senior Manager - Sales		
	Shubham Kurapa Assistant Manager - Marketing		
	Abhineet choudhary		
FS Compressors India (P) Limited	Abhineet choudhary		
Atlas Copco	Lokesh		
	Rahul Bagecha		

Yeshwanth Rao
(E - Microbiology)

Goutam SVS
(AM - QA)

Kanak Banot
(SM - Purchase)

Somnath Datta
(AGM - Bulk Drug Project)

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(DGM - Finance)

N C Mahesh
(DGM-FD)

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(AGM - Finance)

Supriya Kulkarni
DGM - ABM &
CS

B U Kamath
(GM-Technical Bulk Project)

Shalish Kumar
(GM - Bulk Project)

K P Rajan
KAPL - Consultant

DCPL
KAPL - Consultant