



KARNATAKA ANTIBIOTICS AND PHARMACEUTICALS LIMITED
BULK DRUG - 7ACA Project

Pre-Bid Queries Dt. 24.03.2023

Cooling Tower

Tender Ref no :

KAPL/BPP/CS/3253

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	PAHARPUR COOLING TOWERS LIMITED	-	Testing and Performance testing shall be done at site in presence of customer..... Necessary flow rate measurement shall be done by customer. Inlet /outlet temp and wet bulb measurement shall be done by supplier to establish the capacity as per the performance chart. Testing by CTI certified agency shall not be applicable.	Acceptable
2		-	PVC fill spacing shall be 19mm flute size in place of 25mm.	Acceptable
3		-	We request you provide us your bank details for preparation of EMD.	Please refer clause No- 17.3 of the tender document.
4		-	We request you to confirm the bid submission address...(i.e. at Bangalore or Madhyapadesh)	The bid submission to be addressed as per tender to Bangalore address.
5		-	RCC basin with necessary accessories shall be in client scope	The civil work shall be in KAPL scope for providing the RCC basin with necessary accessories.
6		-	Necessary covered storage space near to cooling tower shall be provided by customer.	Open space will be provided to the vendor
7		-	Time of completion shall be 6 month from the date of order.	Yes, the delivery time line shall be 6-8 months from the date of issue of PO.
8		-	We can not accept the given payment terms. Please approve 15% advance , 80 % against readiness of material at our factory, 5% against installation.	Un changed
9		-	We request you to confirm any special concession available to you for GST. GST applicable on cooling tower is 18%.	GST is applicable.
10	Maya Cooling Towers	-	You have requested a CTI-certified cooling tower assembly in the tender. CTI is offered certification to the entire range of cooling towers by random testing of a single tower in the series and does not allow any customization in the certified tower range.	Minimum fill pitch of 19mm is acceptable. Noise level of 65 db is acceptable. If CTI certification is not available the design shall be certified by IIT.

Control... 2



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Cooling Tower

Tender Ref no : **KAPL / BDP / CG / 3953**

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11		-	As per your specification, your wise consultant has targeted a few very important technical points. fills pitch of 25mm (which is very important for nonlogging of fills and delivering longer life), a Noise restriction of 65 dB (Which is required for comfortable surroundings), and a restriction for RPM(required to control fan sound by controlling fan tip speed). Preference to the Lowest KW of the fan.	Minimum fill pitch of 19mm is acceptable. Noise level of 65 db is acceptable. If CTI certification is not available the design shall be certified by IIT.
12		-	Considering these points supplied tower of any of the parties will not comply with the CTI. but they will take the advantage of their certified cooling tower range on paper.	Minimum fill pitch of 19mm is acceptable. Noise level of 65 db is acceptable. If CTI certification is not available the design shall be certified by IIT.
13		-	We would request you to please increase the participation by removing this restriction as you have already kept the Validation in your scope of work therefore we are bound to demonstrate the performance of the tower as per clauses 1.6.2 to 1.8, also third-party testing can be performed as per clause 1.8, we are certainly ready to offer the verification of design and tower performance validation by any of the reputable agency you recommend.	Minimum fill pitch of 19mm is acceptable. Noise level of 65 db is acceptable. If CTI certification is not available the design shall be certified by IIT.
14		-	Sir, we are not only the OEM for cooling towers but also have supplied various cooling tower components for most world-renowned OEMs. (B&W, Spig, Hamon, L&T, BHEL, HAC, GEA, ENEXIO, Holtech, and many more) Note - we request you to please let us know your take on this to make the participation decision in this tender.	Only OEM shall participate in the tender.



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Cooling Tower

Tender Ref no :

KAPL | BDP | CG | 2252

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15		-	Kindly check on the following typo error - Under "Annexure I Technical Datasheet - COOLING TOWER for Process" on line 16 "per cell heat rejection capacity" is mentioned as 1000, this need to be corrected. under the same cell in "Annexure I Technical Datasheet-COOLING TOWER for Process chiller," no data is present, which also needs your attention.	The observation is noted and it should be read as "500" instead of "1000". The observation is noted in "Annexure I Technical Datasheet-COOLING TOWER for Process Cooling Tower" need to be calculated as per capacity and number of cells. (The revised technical data sheet is attached)
16		-	At some point, the only option for Framework structure and support structure was given as GI/ MS HDG, but as per the latest development in the field, all such thing is also possible in "Pultruded FRP"(this offered robust performance and long lift) therefore I request you to please allow this option also.	Please quote as per tender. The vendor may quote their design also as an alternative with proper justification.
17		-	Material Hub and Material Fastener are contradictory, under fan fastener is used only in the hub which is mentioned as "Heavily galvanized M S or Al. Alloy Hubs with SS hardware" whereas again Material Fastener is mentioned as "Epoxy Coated MSHDG" this should be also be SS/SS304/SS316.	All hardwares shall be of SS-304

Contd ... 4,



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*** Please add signatories

List of Vendor present for Pre-Bid Queries

Blue Star	Thara Nair
Maya Cooling Towers	Amit Chourasia
PAHARPUR COOLING TOWERS LIMITED	Bhavni Shah


Yeshwanth Rao
(E - Microbiology)


Gautam SVS
(AM - QA)


Kanak Banot
(SM - Purchase)


B Ramesh
(AGM - Finance)


Somnath Datta
(AGM - Bulk Drug Project)


Jagadish Chapparrashakar
(DGM - Finance)


N C Mahesha
(DGM-FD)


Supriya Kulkarni
DGM - ABM &


B U Karnath
(GM-Technical Bulk Project)


Shantesh Kumar
(GM - Bulk Project)

K P Rajan
KAPL - Consultant

DCPL
KAPL - Consultant