



# PALTECH COOLING TOWERS & EQUIPMENTS LTD.



HEAD OFFICE: Plot No. 774, IIInd Floor, Udyog Vihar, Phase - V, Gurugram, Haryana-122016 Tel.: 0124-4499700, Fax: 0124-4222466  
E-mail: paltech@paltech.net.in, Website: www.paltech.in

**COOLING TOWERS • PROCESS CHILLING PLANTS**

PCTE/QUO/DS -617/2024  
July 16, 2024

**M/s. JAILAXMI ALLOY STEELS PVT. LTD.**  
**Village Pharola**  
**Tq. Paithan, Dist. Aurangabad**  
**Maharashtra-431107**  
E-Mail : [projects@jailaxmispecialsteel.com](mailto:projects@jailaxmispecialsteel.com)

**Kind Attn : Mr. Manish Patel, GM (Rolling Mill & Engineering), Mobile : +91-8956065932**  
**Subject: Offer for Induced Draft Pultruded FRP Cooling Tower**

Dear Sir,

This is with reference to your email dated 12.07.2024 regarding your requirement for Induced Draft Pultruded FRP Cooling Tower.

## INTRODUCTION

Our company, Paltech Cooling Towers & Equipments Ltd., is one of the leading suppliers of the Cooling Towers more than 35 years. We are an:-

- Only Cooling Tower and Chilling Plants manufacturing company. Paltech has ISO-9001:2015, 14001:2015, and OHSAS 45001:2018 certifications.
- We have been conferred with 'National Award' for Excellency in Engineering Sector for Excellency by Hon'ble Vice President of India & for Quality by Hon'ble Prime Minister of India, Mr. Manmohan Singh.
- Associated member of Cooling Technology Institute, U.S.A. since last more than 20 years.
- Only Cooling Tower manufacturing company whose FRP Fans have been designed by India's most premier Institute, I.I.T., Mumbai.
- Have modern, state of art, well-equipped factory spread in an area of more than 1,00,000 sq. ft.
- Only Cooling Tower manufacturing company whose Gearboxes have been designed by India's most premier Institute, I.I.T., Delhi.
- Have more than 10000 clients worldwide.
- Only Cooling Tower manufacturing company which have under one roof manufacturing facility of all components of Cooling Towers (Except Motors) at our Sohna, Dist. Mewat (Haryana) works.

As far as our experience of doing big job is concerned please note that, we already have successfully executed a RCC Cooling Tower of **14,000 M<sup>3</sup>/Hr** for M/s. Prakash Industries Ltd., at Champa (Chhattisgarh), India for **50 MW** power station and **27,000 M<sup>3</sup>/Hr** for M/s. Prakash Industries Ltd., at Champa (Chhattisgarh), India for **100 MW** power station. Now, we have commissioned a project from **KANTI BIJLEE UTPADAN NIGAM LIMITED (A JOINT VENTURE OF NTPC LTD. AND BIHAR STATE ELECTRICITY BOARD (BSEB))** at **MUZAFFARPUR, BIHAR** for **2 x 28000 M<sup>3</sup>/Hr** Capacity RCC Cooling Towers for their **2 x 195 MW** Power Plant.



**Registered Office & Factories :**  
26 & 26A Roz-Ka-Meo Industrial Area, Phase-I,  
District - Nuh, Haryana -122103, India. Telefax.: 0124-2362961, 2363139  
CIN NO. : U74899HR1994PLC038579  
**Sales offices: All over INDIA**

Based on the same we are pleased to submit our most competitive offer along with terms & conditions as under.

**COLD WELL – 1 FOR MILL (ICW)**

**Cooling Tower suitable to cool 450 M<sup>3</sup>/Hr. (2 x 225 M<sup>3</sup>/Hr. ) of hot water from 45°C to 35°C at Wet Bulb Temperature of 27°C**

**Details of the Cooling Tower:**

Type of Cooling Tower & Shape	: <b>Pultruded</b> FRP Counter Flow Rectangular Shape without Basin
<b>Model No.</b>	: <b>2PPCFR-2323N (2.3 L)      No. of Cells: 02</b>
Length	: 7192 mm
Width	: 3570 mm
Height	: 4010 mm
Weatherproof fan motor per cell	: HP,RPM,V/Ph/Hz      12.5,560,415/3/50
Fan Diameter per cell	: 2265 mm
Approx. operating wt. of Cooling Tower	: 7720 Kgs
Max. Head required at Cooling Tower Inlet	
Flange	: 1 kg/cm <sup>2</sup>
<b>Quantity</b>	: <b>One.</b>

**Prices:**

<b>Supply of Cooling Tower</b>	: <b>Rs. 13,69,000.00</b>
<b>Erection Charges</b>	: <b>Rs. 70,000.00</b>

**MATERIAL SPECIFICATION FOR PULTRUDED FRP COUNTER FLOW COOLING TOWER**

Framework	:	Pultruded Fiber Glass Reinforced Polyester
Casing/louvers/fan deck	:	Fiber Glass Reinforced Polyester
Fills	:	<b><u>PVC SPLASH FILLS</u></b>
Fan stack	:	Fiber Glass Reinforced Polyester
Nozzles	:	Polypropylene Nozzles
Drift eliminators	:	Poly Vinyl Chloride
Fan blades	:	Aluminum Alloy / Fiber Glass Reinforced Polyester
Fan hub	:	Hot Dipped Galvanized Steel
Fan Guard	:	Hot Dipped Galvanized Steel
Bolts/nuts/washers	:	Galvanized Steel
Mechanical equipment support	:	
And all other steel components	:	Hot Dipped Galvanized Steel
Basin	:	Reinforced Concrete Cement (By Client)

## **COLD WELL – 2 FOR MILL (DCW)**

**Cooling Tower suitable to cool 450 M<sup>3</sup>/Hr. (2 x 225 M<sup>3</sup>/Hr. ) of hot water from 45°C to 35°C at Wet Bulb Temperature of 27°C**

### Details of the Cooling Tower:

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Fan hub	:	Hot Dipped Galvanized Steel
Fan Guard	:	Hot Dipped Galvanized Steel
Bolts/nuts/washers	:	Galvanized Steel
Mechanical equipment support		
And all other steel components	:	Hot Dipped Galvanized Steel
Basin	:	Reinforced Concrete Cement (By Client)

## TERMS & CONDITIONS

1.	Prices	The quoted prices are Ex-Works, Sohna, Dist. Nuh (Haryana).
2.	Packing Charges	Extra @ 2.5% on material cost.
3.	GST	Extra @ 18% on 100% PO value shall be payable before dispatch.
4.	Insurance, Octroi & Freight Forwarding Charges.	Extra as per actual, on to – pay basis.
5.	Validity	30 days w.e.f., issue of this offer.
6.	Expected Delivery	16 – 20 weeks. from the date of receipt of order.
7.	Expected Erection Period	4 – 5 weeks after handing over to us clear site with civil foundation bolts complete, in all respects.
8.	To be provided by you free of charge.	<ul style="list-style-type: none"><li>• Unskilled manpower as required at site.</li><li>• Lodging, Boarding to our technician during erection and commissioning.</li></ul>
9.	Terms of Payment	<ul style="list-style-type: none"><li>• 50% in advance with order.</li><li>• 50% plus taxes against our proforma invoice prior to dispatch.</li></ul> <p>In case the payment is not made as agreed above the left over payment shall be recovered with an interest @ 24% per annum along with other litigation expenses from the defaulting party.</p>
10.	Exclusion	Above price do not include starter for electric motor, cabling, external piping to Cooling Tower pump controls, foundation bolts, Civil works, instruments and any items not specified in our offer.
11.	HSN Code	8419-8940

We hope you will find the above in order and shall look forward to receiving your valued order at the earliest.

Thanking you,

Yours truly,

(Vijay Kumar)

Director

**PALTECH COOLING TOWERS & EQUIPMENTS LTD.**

Plot No. 774, 2nd Floor, Phase – V, Udyog Vihar,

Gurugram – 122016, Haryana, Ph: 0124-4499700,

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E-mail: [vijay@paltech.net.in](mailto:vijay@paltech.net.in)

**CC:- KORUS ENGINEERING SOLUTIONS PVT. LTD.**

**Head office : 912, 9th Floor, Pearls Best Heights-II**

**Plot No. C-9, Netaji Subhash Place, Pitampura**

**New Delhi -110 034**

**Engineering**

**Office : Plot no 32, Pocket 4B, Sector 16 HSIIDC**

**Bahadurgarh, Haryana – 124507**

**Kind Attn. : Mr. Dinesh Dikshit/ Mr. Pawan Kumar Grover**

**Mobile : +91-9971694240/9818763616**

**E-mail : [dikshitdinesh@korus.co.in](mailto:dikshitdinesh@korus.co.in) / [pawan@korus.co.in](mailto:pawan@korus.co.in)**