

		Itemwise Rate				
SNO	ITEM DESCRIPTION	QTY.	UNIT	RATE(Rs)	AMOUNT (RS.)	
<b>COOLING TOWER REPAIR (A)</b>						
1	Supply and Installation of PVC FILLS of 600x300x150mm- High efficiency , double edge Honey Comb PVC fills shall be film type , rigid, corrugated PVC sheets that are conducive to cooling water with UV protected and self extuinguished properties . Fills shall be cross corrugated and the surface of the sheet shall have a suitable micro structure to improve turbulance and water distribution . Fills sheet shall be bounded at all contact points . Films shall be of alternate tip configuration to improve water draingae and minimize air pressure drop . Thickness of the film should not be less than 0.2 mm .	800	Nos.			
2	PVC Eliminator size (600x600x100)mm -Drift eliminator shall be assembled in easily removable modules . Drift eliminator designed for maximum removal of entrained water droplets at operating face velocity . Circular type eliminators offering drift losses must not exceed 0.005% of the designed water flow rate .	100	Nos			
3	PVC Branch Pipe With Socket and cap : 4.2 metres long of 20 mm dia : should be made of standard PVC material as per IS 4985 (2000)-these subheader pipes should be connected through PVC nozzles . Water should spread over the maximum fills surface area uniformly through PVC splashing cups for efficient water Coverage	80	Nos			
4	GI Support Rod 15mmx4200mm -C class-ISI marked, if available	30	Nos			

5	GI supporting cleat of size (40x40x5)mm	60	Nos		
6	FRP Panel (1500x2400) mm : FRP panel sheet should be made of glass fibre wool of high grade unsaturated polyster resin with ultravoilet inehbitors coated with blue colour pigment . Sheet thickness should not less than 2.5mm	4	Nos		
7	FRP Pannel (1200x2400) mm : FRP panel sheet should be made of glass fibre wool and high grade unsaturated polyster resin with ultravoilet inehbitors coated with blue colour pigment . Sheet thickness should not less than 2.5mm	4	Nos		
8	FRP TOP SHEET (4200mm X4200mm)-FRP fan deck sheet should be made of glass fibre wool and high grade unsaturated polyster resin with ultravoilet inehbitors coated with colour pigment . Sheet thick ness should not less than 2.5mm	1	No		
9	ALUMINIUM .FAN SET ASSEMBLY (06 BLADE BORE 42MM ; Should be used for high efficiency fans and blades range utilised all aluminium cast alloy . Fan of cooling topwer of multi bladed axial flow aerofoil design. Fan should be furnished with manually adjusted pitch blades.Fan should be dynamically balanced and must be vibration free.Aluminium Fan set size- 2000 mmx 42 mmx 6 blades.	1	No		
10	COOLING TOWER BASE CHANNEL Made of Mild steel C type channel-100mmx50mmx50mm-thickness should not be less than 5mm	55	RM		
11	MS Angle 50x50x6 mm with Duco paint	30	RM		
12	SS NUT BOLT WITH WASHER (6 MM)	600	Nos		



**Annexure-C**

**Financial Bid**

Name of work: **Overhauling of Cooling Towers and Other allied works of HVAC Plant model 30 HXC 310A of Carrier make and descaling of 2 condensers of the Air Conditioning unit,**

<b>SNO.</b>	<b>Description of item</b>	<b>Amount In (Rs.) In INR( Exclusive of GST)</b>
1.	Cooling Tower dismantling , replacement of necessary spares , refitting, testing ( part A of Annexure B )	
2.	Descaling Operation of Two chillers /2Condensers (2+2) and 02 Internal filters (Part B of Annexure B )	
Total		
Total Amount (exclusive of GST) Rs. In words		

Signature of bidder

Address and seal of firm if any

Place & Date:

Company seal:

Note:

1. Prices to be quoted in Indian Rupees only in both figures & words.
2. Any cutting etc. shall be duly circled & signed by the bidder failing which Financial bid shall be rejected.
3. Vendor should quote price all inclusive, including all taxes and duties etc except the GST .
4. Payment will be released after deducting TDS and penalty, if any.
5. If the price Quoted in figures & words differs higher of the two, would be considered for bidding purpose .