

BILL OF QUANTITIES

JOB FABRICATION AND INSTALLATION OF CONDENSER FOR CHILLER NO 01 OF CENTRAL AC SYSTEM OF CPC HEAD OFFICE

Item	Description	Qty	Unit	Rate	Amount
I	<p>Note</p> <p>Following samples should be submitted along with the bid</p> <p>i. Condenser tube</p> <p>ii. Condenser fin (plain sheet before forming)</p> <p>iii. Condenser fin (formed one)</p> <p>iv. Finished condenser sample (size : 12"x12" and threw row)</p>	1	No		
II	Technical datasheets of the condenser tubes and condenser fins should be submitted along with the bid				
III	A list of previous projects carried out by the bidder should be submitted bidder proposal. To be eligible for this bid, bidder shall have experience of at least seven years in fabrication & installation of condenser for chiller				
IV	Bidder shall be prepared to make arrangements for CPC engineers to visit the factor and condenser unit installed by the bidder at least 04 years ago.				
1	<p>Fabrication and Installation of new condenser for chiller no 01 central AC system of CPC head office (to replace existing decayed condenser unit). Bidder should inspect the unit prior to price. (Total eight(08) nos of condenser are to be replaced and offer shall include the cost of supply and fabrication of bracets). Minimum warranty should be six months . Removed condenser units shall be handed over to CPC.</p> <p>Chiller Data</p> <p>Brand - Carrier</p> <p>Model - 30X A0452</p> <p>Refrigerant - R 134</p> <p>Weight - 4900 Kg</p> <p>Dimension (LxWxH) - 4800x2250x2300 mm</p> <p>Cooling capacity - 450 Kw</p> <p>Compressor - 130 Kw</p> <p>Total for motor power - 12 Kw</p> <p>Efficiency (COP) - 3.18</p> <p>Power supply - 400V/3P/50Hz</p> <p>Required Specification of Condenser</p> <p>Dimensions (LxWxT) - 1930 x 1120 x 100 mm</p> <p>Pipe diameter - 3/8"</p> <p>Minimum of thickness of condenser fins - 0.15</p>	1	No		

Item	Description	Qty	Unit	Rate	Amount
	Material Pipe -copper Fins - Aluminum End plate - Zn coated sheet				
2	Supply of refrigent (R 134) for two systems (system A & B)	145	No		
3	Recovery of refrigerant, Pressure testing, vacuuming and charging of refrigerent for two systems (system A & B)	1	Kg		
Sub Total					
Add NBT					
Sub Total					
VAT					
Total					

Total amount in words :

Name of tenderer :

VAT Registration No :

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Signature of Tenderer

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Date