

## FINANCIAL BID

NIT No. CURAJ/R/F.136/2022/343 dtd 30.04.2022

**Name of the Work:** Non-Comprehensive Annual Maintenance Contract of Air Conditioners at Central University of Rajasthan (SH: Servicing and Repair Rate Contract)

<b>Schedule- A</b> (SH: Servicing of Air Conditioners)					
Item No.	Description	Approx. Qty	Unit	Rate	Amount (in Rs.)
<b>1</b>	<b>servicing of existing installed AC units, i/c checking the units and accessories for functional tests, cleaning of filter units, tightening of loose joints (if any), oiling, greasing and any other minor repairing work etc. as reqd, as per std practice.</b>				
a	Split AC of 1.0/1.5/2.0 TR or equivalent capacity.	400	job		
b	Tower AC of 4.0 TR or equivalent capacity.	50	job		
c	Ductable AC of 5.5 TR or equivalent capacity.	2	job		
d	Ductable AC of 11 TR or equivalent capacity.	4	job		
	Sum of Item No. 1		Rs.		
	GST @ 18%		Rs.		
	<b>Total Amount (incl GST) ='A'</b>		Rs.		

<b>Schedule- B</b> (SH: Repair Rate Contract for Air Conditioners)					
Item No.	Description	Approx. Qty	Unit	Rate	Amount (in Rs.)
<b>2</b>	<b>Installation, testing and commissioning of AC units (indoor &amp; outdoor) along with accessories issued by the client i/c handling charges complete etc. as per standard practice.</b>				
a	Split AC of 1.0/1.5/2.0 TR or equivalent capacity.	10	each		
b	Tower AC of 4.0 TR or equivalent capacity.	2	each		
<b>3</b>	<b>Dismantling of existing installed AC units along with accessories, Shifting them on new location with in the campus and Re-installation along with testing and commissioning etc. as reqd i/c handling charges complete, as per standard practice.</b>				
a	Split AC of 1.0/1.5/2.0 TR or equivalent capacity.	30	each		
b	Tower AC of 4.0 TR or equivalent capacity.	2	each		
<b>4</b>	<b>Supply and fixing of Flare Nut complete as reqd, as per standard practice for the following types of ACs:</b>				
a	Split AC of 1.0/1.5/2.0 TR or equivalent capacity: cooling copper pipe	20	each		
b	Split AC of 1.0/1.5/2.0 TR or equivalent capacity: condensing copper pipe	20	each		
c	Tower AC of 4.0 TR or equivalent capacity: cooling copper pipe	10	each		
d	Tower AC of 4.0 TR or equivalent capacity: condensing copper pipe	10	each		
e	Ductable AC of 5.5 TR or equivalent capacity: cooling copper pipe	2	each		
f	Ductable AC of 5.5 TR or equivalent capacity: condensing copper pipe	2	each		
g	Ductable AC of 11 TR or equivalent capacity: condensing copper pipe	4	each		
<b>5</b>	<b>Replacement of existing burnout Compressor from the outdoor unit in installed position and fixing the new Compressor in the AC unit i/c pressure testing &amp; gas charging i/c handling charges complete etc. as reqd, as per standard practice under buyback of old one. (Make: Highly/Mitsubishi Electric/Hitachi/GMCC/Copeland/Danfoss).</b>				
a	1.0 TR or equivalent capacity Split Inverter AC- R 410 A	1	each		
b	1.5 TR or equivalent capacity Split Non-Inverter AC- R 22	3	each		
c	1.5 TR or equivalent capacity Split Inverter AC- R 410 A	3	each		
d	2.0 TR or equivalent capacity Split Non-Inverter AC- R 22	3	each		
e	2.0 TR or equivalent capacity Split Inverter AC- R 410 A	3	each		
f	4.0 TR or equivalent capacity Tower Non Inv AC- R 22	10	each		
g	5.5 TR or equivalent capacity Duct Non Inv AC- R 410 A	1	each		

<b>6</b>	<b>Charging of refrigerant gas in AC units i/c flushing of gas, leakage detection, testing, replacement of filter brazing joints etc. as reqd, as per standard practice.</b>				
a	1.0 TR or equivalent capacity Split Inverter AC- R 410 A	3	job		
b	1.5 TR or equivalent capacity Split Non-Inverter AC- R 22	9	job		
c	1.5 TR or equivalent capacity Split Inverter AC- R 410 A	10	job		
d	2.0 TR or equivalent capacity Split Non-Inverter AC- R 22	10	job		
e	2.0 TR or equivalent capacity Split Inverter AC- R 410 A	10	job		
f	4.0 TR or equivalent capacity Tower Non Inv AC- R 22	10	job		
g	5.5 TR or equivalent capacity Duct Non Inv AC- R 410 A	2	job		
h	11 TR or equivalent capacity Duct Non Inv AC- R 410 A	2	job		
<b>7</b>	<b>Top up of refrigerant gas in AC units i/c leakage detection, testing, replacement of filter brazing joints etc. as reqd, as per standard practice.</b>				
a	R-22 Type Refrigerant Gas	20	kg		
b	R-32 Refrigerant Gas	5	kg		
c	R-410A Refrigerant Gas	20	kg		
<b>8</b>	<b>Pdg. &amp; fixing of extra cooling &amp; condensing copper pipe line along with round electric cable of "stranded copper conductor, PVC insulated &amp; PVC Sheathed" as per IS for connections from outdoor unit to indoor unit/voltage stabilizer etc. as reqd, as per standard practice, suitable for following type of ACs:</b>				
a	Split AC of 1.0/1.5/2.0 TR or equivalent capacity.	50	metre		
b	Tower AC of 4.0 TR or equivalent capacity.	20	metre		
c	Ductable AC of 5.5 TR or equivalent capacity.	10	metre		
<b>9</b>	<b>Pdg. &amp; fixing of extra drain pipe as reqd, as per standard practice, suitable for following type of ACs:</b>				
a	Split AC of 1.0/1.5/2.0 TR or equivalent capacity.	20	metre		
b	Tower AC of 4.0 TR or equivalent capacity.	10	metre		
<b>10</b>	<b>Pdg. &amp; fixing of AC outdoor unit floor/wall stand as reqd, as per standard practice, suitable for following type of ACs:</b>				
a	Split AC of 1.0/1.5/2.0 TR or equivalent capacity.	10	each		
b	Tower AC of 4.0 TR or equivalent capacity.	5	each		
<b>11</b>	<b>Replacement of existing faulty AC sensors with new sensor of same rating including removing, fixing, testing &amp; commissioning etc. as reqd, as per standard practice, suitable for following types of ACs:</b>				
a	Split AC of 1.0/1.5/2.0 TR or equivalent capacity.	20	each		
b	Tower AC of 4.0 TR or equivalent capacity.	10	each		
c	Ductable AC of 5.5 TR or equivalent capacity.	5	each		
d	Ductable AC of 11 TR or equivalent capacity.	5	each		
<b>12</b>	<b>Repairing (rewinding etc. complete) of existing faulty Condenser Cooling Fan Motor (AC/DC) including removing, fixing, testing &amp; commissioning etc. as reqd as per standard practice, suitable for following types of Acs:</b>				
a	Split AC of 1.0/1.5/2.0 TR or equivalent capacity	10	each		
b	Tower AC of 4.0 TR or equivalent capacity.	5	each		
c	Ductable AC of 5.5 TR or equivalent capacity.	1	each		
d	Ductable AC of 11 TR or equivalent capacity.	1	each		
<b>13</b>	<b>Replacement of existing fitted faulty Condenser Cooling Fan Motor (AC/DC) with new one of same rating as per IS, i/c handling charges complete etc. as reqd, as per standard practice under buyback of old one, suitable for following types of ACs:</b>				
a	Split AC of 1.0/1.5/2.0 TR or equivalent capacity	5	each		
b	Tower AC of 4.0 TR or equivalent capacity.	2	each		
c	Ductable AC of 5.5 TR or equivalent capacity.	1	each		
d	Ductable AC of 11 TR or equivalent capacity.	1	each		
<b>14</b>	<b>Replacement of existing fitted faulty AC indoor unit blower motor (AC/DC) with new one of same rating as per IS i/c handling charges complete etc. as reqd as per standard practice under buyback of old one, suitable for following type of ACs.</b>				
a	Split AC of 1.0/1.5/2.0 TR or equivalent capacity	5	each		
b	Tower AC of 4.0 TR or equivalent capacity.	2	each		
c	Ductable AC of 5.5 TR or equivalent capacity.	1	each		
d	Ductable AC of 11 TR or equivalent capacity.	1	each		

15	<b>Repairing of existing faulty PCB of Non-Inverter AC indoor unit including removing, fixing, testing &amp; commissioning etc. as required.</b>				
a	Split AC of 1.0/1.5/2.0 TR or equivalent capacity	5	each		
b	Tower AC of 4.0 TR or equivalent capacity.	5	each		
c	Ductable AC of 5.5 TR or equivalent capacity.	2	each		
d	Ductable AC of 11 TR or equivalent capacity.	2	each		
16	<b>Repairing of existing faulty PCB of Non-Inverter AC outdoor unit including removing, fixing, testing &amp; commissioning etc. as required.</b>				
a	Tower AC of 4.0 TR or equivalent capacity.	5	each		
b	Ductable AC of 11 TR or equivalent capacity.	2	each		
17	<b>Repairing of existing faulty PCB of Inverter AC indoor unit including removing, fixing, testing &amp; commissioning etc. as required.</b>				
a	Split AC of 1.0/1.5/2.0 TR or equivalent capacity	5	each		
18	<b>Repairing of existing faulty PCB of Inverter AC outdoor unit including removing, fixing, testing &amp; commissioning etc. as required.</b>				
a	Split AC of 1.0/1.5/2.0 TR or equivalent capacity	5	each		
19	<b>Replacement of existing faulty PCB of Non-Inverter AC indoor unit with new one of same rating &amp; capacity including removing, fixing, testing &amp; commissioning etc. as required.</b>				
a	Split AC of 1.0/1.5/2.0 TR or equivalent capacity	5	each		
b	Tower AC of 4.0 TR or equivalent capacity.	5	each		
c	Ductable AC of 5.5 TR or equivalent capacity.	1	each		
d	Ductable AC of 11 TR or equivalent capacity.	1	each		
20	<b>Replacement of existing faulty PCB of Non-Inverter AC outdoor unit with new one of same rating &amp; capacity including removing, fixing, testing &amp; commissioning etc. as required.</b>				
a	Tower AC of 4.0 TR or equivalent capacity.	5	each		
b	Ductable AC of 11 TR or equivalent capacity.	1	each		
21	<b>Replacement of existing faulty PCB of Inverter AC indoor unit with new one of same rating &amp; capacity including removing, fixing, testing &amp; commissioning etc. as required.</b>				
a	Split AC of 1.0/1.5/2.0 TR or equivalent capacity	5	each		
22	<b>Replacement of existing faulty PCB of Inverter AC outdoor unit with new one of same rating &amp; capacity including removing, fixing, testing &amp; commissioning etc. as required.</b>				
a	Split AC of 1.0/1.5/2.0 TR or equivalent capacity	5	each		
23	<b>Replacement of existing faulty Running Capacitor of AC with new one of same rating as per IS including removing, fixing, testing &amp; commissioning etc. as reqd, as per std practice.</b>				
a	Split AC of 1.0/1.5/2.0 TR or equivalent capacity	100	each		
24	<b>Repairing of existing faulty 01 Ph, 240 V, 50 Hz, AC Voltage Stabilizer/Regulator including removing, fixing, testing &amp; commissioning etc. as reqd as per std practice.</b>	30	each		
25	<b>Replacement of existing faulty "Four-Way Reversing Valve-Copper" of Hot &amp; Cool Split AC of 1.5/2.0 TR or equivalent capacity with new one of same rating as per IS including removing, fixing, testing &amp; commissioning etc. as reqd, as per std practice.</b>	3	each		
	Sum of Item No. 2 to 25		Rs.		
	GST @ 18%		Rs.		
	<b>Total Amount (incl GST) = 'B'</b>		Rs.		
	<b>Net Amount (A+B) incl GST</b>		Rs.		

Signature & Seal of Bidder