

SOR : Annual rate contract for maintenance of VRF systems, split air conditioners, Water coolers, Refrigerators and Deep freezers Etc. for a period of one year at RFCL, Ramagundam (2023-24)										
							To be filled by bidders			
Sr.No.	Description		Number of machines	Service Frequency in one year	UOM	SOR Quantity for one year	Unit rate (Rs.)		Total Amount (Rs.)	
							In figure	In words	In figure	In words
(a)	(b)				(c)	(d)	(e)		(f) =(d)x (e)	
A1	Split AC Maintenance & Service									
	A1.1	Split AC 1.5 TR capacity (100Nos)	100	12	Per Machine	1200				
	A1.2	Split AC 2.0 TR capacity (122Nos)	122	12	Per Machine	1464				
	A1.3	Cassette AC 1.5TR capacity (7Nos)	7	12	Per Machine	84				
	A1.4	Cassette AC 2.0TR capacity (4Nos)	4	12	Per Machine	48				
	A1.5	Tower AC 4 TR Maintenance And Service	15	12	Per Machine	180				
	A1.6	Split AC 3.0 TR capacity (2Nos)	2	12	Per Machine	24				
A2	Maintenance & Service of VRF air conditioning system located at Ground & First floors of the Technical Building - North Wing -									
	A2.1	VRF system of 130TR capacity with a configuration of outdoor condensing units of 28HPx5Nos and 26HPx1Nos Indoor Units: Hi-Wall Split 1TRx2Nos, 1.5TRx52Nos, 2.0TRx10Nos, Cassette IDU 2.0TRx2Nos Refrigerant: 410a	66	12	Per Machine	792				
	A2.2	VRF system of 27TR capacity for Canteen & Reception with a configuration of outdoor condensing units of 22HPx1Nos and 12HPx1Nos Indoor Units: Hi wall Split Units 2.0TRx12Nos Refrigerant: 410a	12	12	Per Machine	144				
A3	Replacement and installation of split AC									
	A3.1	Replacement charges for 1.5TR Split AC			Per Machine	50				
	A3.2	Replacement charges for 2.0TR Split AC			Per Machine	50				
A4	Maintenance & Service of Water Coolers		18	12	Per Machine	216				
A5	Maintenance & Service of Refrigerators:									
	A5.1	Capacity ≤220lit	5	12	Per Machine	60				
	A5.2	Capacity 220-330lit	4	12	Per Machine	48				
	A5.3	Capacity >330lit	1	12	Per Machine	12				
A6	Maintenance & Service of Deep Freezers:									
	A6.1	Capacity 220-330lit	3	12	Per Machine	36				
	A6.2	Capacity >330lit	1	12	Per Machine	12				
A7	Maintenance & Service of Water Dispensers (Hot & Cold)		3	12	Per Machine	36				
A8	Maintenance & Service of Desert Coolers		15	12	Per Machine	180				
A9	Filling of wall holes up to 3 inches dia				Per Hole	100				
A10	Supply of Manpower									
	A10. 1	Unskilled manpower (08 Hrs. daily working basis)			Man days	20				
	A10. 2	Semi skilled manpower (08 Hrs. daily working basis)			Man days	20				
	A10. 3	Skilled manpower (08 Hrs. daily working basis)			Man days	20				
A11	Supply & Charging of Refrigerant									
	A11. 1	Supply and Charging of Refrigerant - R134a			kg	60				
	A11. 2	Supply and Charging of Refrigerant - R410			kg	60				
	A11. 3	Supply and Charging of Refrigerant - R407c			kg	60				
A12	Supply & Replacement of compressors									
	A12. 1	Supply & Replacement of 4T tower A.C. new compressors (Make : EMERSON)			No	5				
	A12. 2	Supply & Replacement of 2 TR A.C. new compressors (Make : GMCC)			No	20				
	A12. 3	Supply & Replacement of 1.5 TR A.C. new compressors (Make : GMCC)			No	20				
	A12. 4	Supply & Replacement of M/S Blue star make VRF unit compressor MODEL : ANB66FVJMT			No	2				
	A12. 5	Supply & Replacement of M/S Blue star make VRF unit compressor MODEL : ANB78FVSMT			No	3				
A13	Repairing and rewinding of AC motor									
	A13. 1	Repairing and rewinding of 1/2HP AC motor with new bearings and copper wire			No	60				
	A13. 2	Repairing and rewinding of 1HP AC motor with new bearings and copper wire			No	40				
A14	Supply and replacement of copper tube (dia 1/8" to 1")				KG	20				
A15	Painting with surface cleaning									
	A15. 1	Manual or hand tool cleaning of air conditioners, desert coolers or any other machine For Painting : Removal of loose rust, loose mill scale and loose paint, chipping,scrapping,standing and wire brushing surface should have a faint metallic sheen Confirming to : SSPC-SP-2 or Equivalent DT.2(ISO 5801-1)			sq. m	200				
	A15. 2	Painting of air conditioners, desert coolers or any other machine with one coat primer and two coats of enamel paint. The colour shall be off white or as instructed by the Engineer-in-Charge. The material shall be in the scope of the contractor. 2 coats of F-11 or F-12 @20 micron DFT/Coat			sq. m	200				
Total Contract Value Rs.							In figure (Rs.)			
In words :										

- Note :
- 1. GST shall be extra at applicable rates.
 - 2. Manpower will applicable for emergency, breakdown and extra special work on manpower call basis.