

SCHEDULE OF RATES (SOR)

Sl. No.	Description	Unit	Qty	Per Unit Lumpsum Rate		Total Amount	
				In Figure (Rs)	In Words (Rs)	In Figure (Rs)	In Words (Rs.)
1	Replacement of compressor including supply of R-22 Gas and charging in case of failure with the compressor of 1.5 TR split air conditioners the work includes replacement of faulty compressor , installation of new compressor in the equipment, brazing it to copper piping connections only, the compressor supply in the scope of BCPL .	EA	10				
2	Replacement of compressor including supply of R-22 Gas and charging in case of failure with the compressor of 2.0 TR split air conditioners the work includes replacement of faulty compressor , installation of new compressor in the equipment, brazing it to copper piping connections only, the compressor supply in the scope of BCPL .	EA	3				
3	Replacement of compressor including supply of R-22 Gas and charging in case of failure with the compressor of 4.0 TR Tower air conditioners the work includes replacement of faulty compressor , installation of new compressor in the equipment, brazing it to copper piping connections only, the compressor supply in the scope of BCPL .	EA	2				
4	Supply & installation of new compressor including supply of R-22 Gas and charging in case of failure with the compressor of 1.5 TR split air conditioners the work includes replacement of faulty compressor, installation of new compressor in the equipment, brazing it to copper piping connections, the same make new compressor supply in the scope of Vendor .	EA	15				
5	Supply & installation of new compressor including supply of R-22 Gas and charging in case of failure with the compressor of 2.0 TR split air conditioners the work includes replacement of faulty compressor, installation of new compressor in the equipment, brazing it to copper piping connections, the same make new compressor supply in the scope of BCPL .	EA	5				
6	Supply & installation of new compressor including supply of R-22 Gas and charging in case of failure with the compressor of 4.0 TR Tower air conditioners the work includes replacement of faulty compressor, installation of new compressor in the equipment, brazing it to copper piping connections, the same make new compressor supply in the scope of Vendor .	EA	3				
7	Supply & instasllation of 1.5 Ton complete Body Kit of Split Air Conditioner without compressor	EA	20				

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				In Figure (Rs)	In Words (Rs)	In Figure (Rs)	In Words (Rs.)
8	Supply & instalation of 2.0 Ton complete Body Kit of Split Air Conditioner without compressor	EA	5				
9	Supply & charging of R-22 refrigerant gas in case of low pressure & leakage of refrigerant gas in 1.5/2.0 TR split air conditioners and 4.0 TR Tower air conditioners. This work shall have guarantee for six months followed by a leak test.	Kg	50				
10	Attending & rectifying the problem including attending all complaints of the 1.5/2.0 TR split air conditioners and 4.0 TR Tower A/Cs and rectifying it . During the maintenance the air filter shall be cleaned .	EA	200				
11	Dry Cleaning of 1.5/ 2.0TR Split Air conditioners and 4.0 TR Tower Air Conditioners incuding filter with cooling and condenser coils.	EA	300				
12	Overhauling / wet servicing the work includes complete overhauling of the 1.5/2.0 TR split air conditioners and 4.0 TR Tower A/Cs during the maintenance the unit shall be thoroughly cleaned with water & detergents. All power and control circuit wiring shall be checked.	EA	300				
13	Installation of 1.5/2.0 Ton split air conditioners and 4.0 TR Tower Air Conditioners : The work includes lifting & shifting, installation at it's existing foundation,fixing of out door and indoor unit, leak testing, Pipe brazing, gas charging & testing of 1.5 TR split A/C to restore it in normal working condition. Foundation shall be prepared by the BCPL. Also battery trolley shall be provided.	EA	20				
14	Supply & replacement of faulty parts in case of failure with new one for 1.5/2.0 TR split air conditioners and 4.0 TR Tower Air Conditioners. The work includes replacement of faulty parts, installation of new parts & testing of air conditioners.	EA					
14.01	Starting Capacitor 80-100 MFD	EA	50				
14.02	Running Capacitor 36-80 MFD	EA	50				
14.03	Starting Relay	EA	20				
14.04	Thermostat	EA	20				
14.05	Overload Relay	EA	20				
14.06	Out door fan motor of split A/C	EA	20				
14.07	Out door fan blade of split A/C	EA	20				
14.08	In door fan/blower motor of split A/C	EA	20				

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14.09	In door blower of split A/C	EA	20				
14.10	Air filter of split A/C	EA	20				
14.11	Control PCB of split A/C	EA	20				
14.12	Remote control of split A/C	EA	10				
14.13	Front grill of split A/C	EA	10				
14.14	Fan motor rubber pad	EA	10				
14.15	Compressor rubber pad	EA	10				
14.16	Gas filter	EA	10				
14.17	Capillary tubes	Mtr	50				
14.18	Copper tubes 1/4"DIA	Mtr	30				
14.19	Copper tubes 3/8"DIA	Mtr	30				
14.20	Copper tubes 1/2"DIA	Mtr	30				
14.21	Copper tubes 5/8"DIA	Mtr	30				
14.22	Split A/Cs piping insulation cover of In-door and Out door unit pipes	Mtr	50				
15	Multi unit split A/Cs change over unit in case of one indoor unit failures	EA	5				
16	Quarterly PM of Package Air Conditioner Units at various locations job includes but not limited to attending complaints & rectifying the problems, checking of interlock of safety/ control device, checking of all electrical connections in unit, cleaning of coils with water/ Chemicals / recommended solutions, air pressure etc. as per direction of EIC.	EA	60				
17	Attending & rectifying the problems as and when requirement basis, the work includes attending all complaints of Package Air Conditioner Units at various locations, job includes but not limited to attending all complaints & rectifying the problems, checking of interlock of safety/ control device, checking of all electrical connections in unit, if required cleaning to be done of coils with water and air pressure etc or as per direction of EIC.	EA	50				

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18	Complete overhauling of Package Air Conditioner Units at various locations job includes but not limited to attending all complaints & rectifying the problems, checking of interlock of safety/ control device, checking of all electrical connections in unit, cleaning of coils with water/ chemicals / recommended solutions, air pressure etc along with denting/painting works as when required basis or as per direction of EIC.	EA	20				
19	Supply and recharging of refrigerant as per direction of EIC, brazing it to copper piping connections. Leak test to be carried out to detect any leakage in the system by nitrogen pressure. Vacuumize the system and charging with R-22/R-134A refrigerant (recommended gas as per manufacture) as per required and direction of EIC. The job also includes supply of the required refrigerant for filling and all other consumable required to complete the job and this work valid for six months followed by a leak test etc.	Kg	100				
20	Supply and replacement of the condenser /evaporator unit of the package AC in case of failure and not repairable with the new condenser /evaporator unit of package air conditioner unit ranging from 5.0 TR to 16.5 TR. The work includes supply of recommended refrigerant, installation, testing and commissioning of supplied new condenser / evaporator unit in the equipment after leak testing, brazing it to copper piping connections, leak test to be carried out to detect any leakage in the Units and rectifying it vacuumized the system and charging with R-22 / R-134A Refrigerant (Gas as recommended by the manufacturer) as per requirement and direction of EIC. The work also includes supply of all others consumables required to complete the work. The faulty /Damage condenser/ evaporator unit will be the property of BCPL and to be shifted at designated BCPL Store.						
21	Supply and replacement of condenser unit of the package AC Units as per existing make and ratings, ranging from 5.0 TR to 9.0TR	EA	3				
22	Supply and replacement of condenser unit of the package AC Units as per existing make and ratings, ranging from 9.0TR to 16.5 TR	EA	2				
23	Supply and replacement of evaporator unit of the package AC Units as per existing make and ratings, ranging from 5.0 TR to 16.5 TR	EA	3				
24	Supply and replacement of evaporator unit of the package AC Units as per existing make and ratings, ranging from 9.0 TR to 16.5 TR	EA	2				

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25	Supply and replacement of below mentioned compressor in case failure with the new compressor for Package Air Conditioner Units ranging from 5.0 TR to 16.5 TR. The works includes but not limited to Supply of new compressor as per actual installed Make, Model and Rating (Range 5.0 TR to 16.5 TR) replacement of faulty compressor, installation & commissioning of new compressor in the equipment including supply & filling of recommended refrigerant gas after the leak test, brazing it to copper piping connection, leak test to be carried out to detect any leakage in the system and rectifying it. Vacuumized the systems and charging with R-22 OR R-134A Refrigerant OR Gas as recommended by the manufacturer as per requirement and direction of EIC. The works also includes supply /Charging of refrigerant gas and all other consumables required to the complete works. The faulty /Damage compressors will be the property of BCPL and to be shifted at designated BCPL Store and also the agency shall cover the supplied new compressor under the guaranty certificate period issued / covered by the manufacture .						
25.01	Compressor 5.0 TR to 9.0 TR Capacity (5.0, 5.5, 7.5, 8.5 & 9.0 TR)	EA	4				
25.02	Compressor 11 TR to 16.5 TR Capacity (11 & 16.5 TR)	EA	2				
25.03	Supply and replacement of the following accessories for the package air conditioner units ranging from 5.0 TR to 16.5 TR. If any fault/ abnormality is detected in it, the same shall be covered under the defect liability period as per SCC Part-B (Six month from date of installation) and the faulty /Damage materials will be the property of BCPL and to be shifted at designated BCPL Store.						
25.04	Thermostat	EA	5				
25.05	Over load relay	EA	5				
25.06	Blower motor	EA	5				
25.07	Fan blade of blower motor	EA	5				
25.08	Selector switch/rotary switch	EA	5				
25.09	Knob for selector/rotary switch	EA	5				
25.1	Copper Tube 11/8, 5/8,1/2 etc.	Mtr	25				
25.11	Bend/ Elbow 11/8, 5/8,1/2 etc.	EA	20				
25.12	LP/HP Cut Off Switch for 5.0/5.5/7.5/8.5/9.0/11.0/16.5 TR	EA	5				

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25.13	Expansion valve for 5.0/5.5/7.5/8.5/9.0/11.0/16.5 TR	EA	5				
25.14	Dryer Filter to 5.0/5.5/7.5/8.5/9.0/11.0/16.5 TR Unit	EA	5				
25.15	V-Belt size A-23 to A-41, B-32	EA	20				
25.16	Hand set-up Valves 5/8", 3/8"	EA	10				
25.17	Fan Blade for condenser blade	EA	3				
25.18	Crankcase heater for compressor	EA	5				
25.19	Compressor Contactor ranging from 5.0/5.5/7.5/8.5/9.0/11.0/16.5 TR	EA	2				
25.2	Package unit blower motor Contactor ranging from 5.0/5.5/7.5/8.5/9.0/11.0/16.5 TR	EA	2				
25.21	Package unit control relay ranging from 5.0/5.5/7.5/8.5/9.0/11.0/16.5 TR	EA	2				
25.22	O/L Relay for compressor ranging from 5.0/5.5/7.5/8.5/9.0/11.0/16.5 TR	EA	2				
25.23	O/L Relay for Package Unite Blower Motor for 5.0/5.5/7.5/8.5/9.0/11.0/16.5 TR	EA	2				
25.24	Compressor Oil for R-22 or R-134A	Ltr	20				
25.25	Healthiness Checking of Package Air Conditioner Units by OEM and identification of faults at BCPL Plant.	EA	10				
	SUB-TOTAL (Rs)						
	SERVICE TAX PERCENTAGE			SERVICE TAX AMOUNT			

TOTAL AMOUNT (IN FIGURE) _____

TOTAL AMOUNT (IN WORDS) _____

Note:

- 1) Bids would be evaluated on overall lowest cost bid basis as mentioned at preamble to SOR. Accordingly, all SOR items needs to be quoted otherwise bid will be liable for rejection.

Name of authorized person submitting the tender on behalf of the Bidder :

Designation of authorized person:

Name of firm / Contractor:

Address of firm / Contractor:

Date:
