

Scope of work for 'Rate contract of repair, rewinding & supply of spares for Ceiling fans/ exhaust fan/desert cooler fans/wall mounted and pedestal fans/ Earth pit etc.'

Sl.No.	Description of Items	Unit	Qty.
<b>1</b>	<b>Ceiling Fan</b>	---	
<b>(A)</b>	<b>Service Work</b>	---	
(i)	Servicing charge	Nos.	80
(ii)	Copper re-winding of stator	Nos.	75
<b>(B)</b>	<b>Replacement of Spares as follow:</b>	---	
(i)	Capacitor 2.5MFD, 220V, AC	Nos.	60
(ii)	Bearing Model No.: 6201	Nos.	30
(iii)	-do- 6203	Nos.	30
(iv)	-do- 6301	Nos.	15
(v)	Bushing	Nos.	15
(vi)	Sheet Machining	Nos.	70
<b>2</b>	<b>Desert Cooler:</b>	---	
<b>(A)</b>	<b>Service Work</b>	---	
(i)	Servicing charges	Nos.	4
(ii)	Shaft	Nos.	1
(iii)	Copper re-winding of fan motor	Nos.	2
<b>(B)</b>	<b>Replacement of Spares as follows:</b>	----	
(i)	Capacitor 4MFD, 220V, AC	Nos.	4
(ii)	Bush for Fan shaft	Nos.	4
<b>3</b>	<b>Exhaust Fan:</b>	---	
<b>(A)</b>	<b>Service Work</b>	---	
(i)	Servicing charges	Nos.	10
(ii)	Copper re-winding of fan motor 550W/230V AC	Nos.	10
(iii)	Shaft	Nos.	2
<b>(B)</b>	<b>Replacement of Spares as follows:</b>	----	
(i)	Capacitor 2.5 MFD, 220V, AC	Nos.	10
(ii)	Bearing NBC/SKF make	Nos.	10
(iii)	Bushing	Nos.	10
<b>4</b>	<b>Wall mounted/Pedestal Fan motor/Induction Motor</b>	---	
<b>(A)</b>	<b>Service Work</b>	---	
(i)	Servicing charges	Nos.	15
(ii)	Copper re-winding: 1-Phase 1 HP 3000 RPM	Nos.	2
(iii)	Copper re-winding: 1-Phase 1.5 HP 3000 RPM	Nos.	2
(iv)	Copper re-winding: 1-Phase 2 HP 3000 RPM	Nos.	2
(v)	Copper re-winding: 3-Phase 1 HP low/high	Nos.	2
(vi)	Copper re-winding: 3-Phase 2 HP low/high	Nos.	2
(vii)	Copper re-winding: 3-Phase 3 HP low/high	Nos.	2
(viii)	Copper re-winding: 3-Phase 5 HP low/high	Nos.	1
(ix)	Copper re-winding: 3-Phase 10 HP low/high	Nos.	1
(x)	Copper re-winding: 3-Phase 15 HP low/high	Nos.	1
(xi)	Copper re-winding: 3-Phase 20 HP low/high	Nos.	1
(xii)	Bearing sheet machining	Nos.	2
<b>(B)</b>	<b>Replacement of Spares as follows:</b>	----	
(i)	Cooling Fan (PVC)	Nos.	2
(ii)	Copper Bushing for below 5HP	Nos.	2
<b>5</b>	<b>Submercible Motor</b>		
<b>(A)</b>	<b>Service Work</b>		
(i)	Servicing charges	Nos.	6

(ii)	Copper re-winding: 1-Phase 0.5 HP 3000 RPM	Nos.	1
(iii)	Copper re-winding: 1-Phase 1 HP 3000 RPM	Nos.	1
(iv)	Copper re-winding: 1-Phase 2 HP 3000 RPM	Nos.	1
<b>6</b>	<b>Control Transformers</b>	---	
<b>(A)</b>	<b>Service Work</b>	---	
(i)	Control transformer up to 200 VA Rewinding	Nos.	8
(ii)	Control transformer up to 201-300 VA Rewinding	Nos.	2
(iii)	Control transformer up to 301-500 VA Rewinding	Nos.	1
<b>7</b>	<b>EARTH PIT</b>	---	
<b>(A)</b>	<b>Service Work</b>	---	
(i)	Testing of earth pit	Nos.	60
(ii)	Servicing of earth pit	Nos.	4
<b>(B)</b>	<b>Supply &amp; Erection work:</b>	---	
(i)	Construction of earth pit in RCC surface (Type of Earthing Cl Pipe (min. 50mm inner dia 13mm thick electrode) size: 1.31 ft inner dia x 11ft depth	Nos.	1
(ii)	Construction of earth pit in Sand/Soil Surface (Type of Earthing Cl Pipe (min. 50mm inner dia 13mm thick electrode) size: 1.31ft inner dia x 11ft depth	Nos.	3
(iii)	Construction of earth pit in Sand/Soil Surface (Type of Earthing Cl Plate(600mmX600mmX6mm thick electrode) size: 1.31ft X 1.31ft X 11ft depth	Nos.	3



Format of price bid for 'Rate contract of repair, rewinding & supply of spares for Ceiling fans/ exhaust fan/desert cooler fans/wall mounted and pedestal fans/Earth pit etc.'

Sl.No.	Description of Items	Unit	Qty.	Rate(Rs./Qty.)	Amount(Rs.)
<b>1</b>	<b>Ceiling Fan</b>	---			
<b>(A)</b>	<b>Service Work</b>	---			
(i)	Servicing charge	Nos.	80		
(ii)	Copper re-winding of stator	Nos.	75		
<b>(B)</b>	<b>Replacement of Spares as follow:</b>	---			
(i)	Capacitor 2.5MFD, 220V, AC	Nos.	60		
(ii)	Bearing Model No.: 6201	Nos.	30		
(iii)	-do- 6203	Nos.	30		
(iv)	-do- 6301	Nos.	15		
(v)	Bushing	Nos.	15		
(vi)	Sheet Machining	Nos.	70		
<b>2</b>	<b>Desert Cooler:</b>	---			
<b>(A)</b>	<b>Service Work</b>	---			
(i)	Servicing charges	Nos.	4		
(ii)	Shaft	Nos.	1		
(iii)	Copper re-winding of fan motor	Nos.	2		
<b>(B)</b>	<b>Replacement of Spares as follows:</b>	----			
(i)	Capacitor 4MFD, 220V, AC	Nos.	4		
(ii)	Bush for Fan shaft	Nos.	4		
<b>3</b>	<b>Exhaust Fan:</b>	---			
<b>(A)</b>	<b>Service Work</b>	---			
(i)	Servicing charges	Nos.	10		
(ii)	Copper re-winding of fan motor 550W/230V AC	Nos.	10		
(iii)	Shaft	Nos.	2		
<b>(B)</b>	<b>Replacement of Spares as follows:</b>	----			
(i)	Capacitor 2.5 MFD, 220V, AC	Nos.	10		
(ii)	Bearing NBC/SKF make	Nos.	10		
(iii)	Bushing	Nos.	10		
<b>4</b>	<b>Wall mounted/Pedestal Fan motor/Induction Motor</b>	---			
<b>(A)</b>	<b>Service Work</b>	---			
(i)	Servicing charges	Nos.	15		
(ii)	Copper re-winding: 1-Phase 1 HP 3000 RPM	Nos.	2		
(iii)	Copper re-winding: 1-Phase 1.5 HP 3000 RPM	Nos.	2		
(iv)	Copper re-winding: 1-Phase 2 HP 3000 RPM	Nos.	2		
(v)	Copper re-winding: 3-Phase 1 HP low/high	Nos.	2		
(vi)	Copper re-winding: 3-Phase 2 HP low/high	Nos.	2		
(vii)	Copper re-winding: 3-Phase 3 HP low/high	Nos.	2		
(viii)	Copper re-winding: 3-Phase 5 HP low/high	Nos.	1		
(ix)	Copper re-winding: 3-Phase 10 HP low/high	Nos.	1		
(x)	Copper re-winding: 3-Phase 15 HP low/high	Nos.	1		
(xi)	Copper re-winding: 3-Phase 20 HP low/high	Nos.	1		
(xii)	Bearing sheet machining	Nos.	2		
<b>(B)</b>	<b>Replacement of Spares as follows:</b>	----			
(i)	Cooling Fan (PVC)	Nos.	2		
(ii)	Copper Bushing for below 5HP	Nos.	2		
<b>5</b>	<b>Submercible Motor</b>				
<b>(A)</b>	<b>Service Work</b>				
(i)	Servicing charges	Nos.	6		
(ii)	Copper re-winding: 1-Phase 0.5 HP 3000 RPM	Nos.	1		
(iii)	Copper re-winding: 1-Phase 1 HP 3000 RPM	Nos.	1		
(iv)	Copper re-winding: 1-Phase 2 HP 3000 RPM	Nos.	1		

6	<b>Control Transformers</b>	---			
(A)	<b>Service Work</b>	---			
(i)	Control transformer up to 200 VA Rewinding	Nos.	8		
(ii)	Control transformer up to 201-300 VA Rewinding	Nos.	2		
(iii)	Control transformer up to 301-500 VA Rewinding	Nos.	1		
7	<b>EARTH PIT</b>	---			
(A)	<b>Service Work</b>	---			
(i)	Testing of earth pit	Nos.	60		
(ii)	Servicing of earth pit	Nos.	4		
(B)	<b>Supply &amp; Erection work:</b>	---			
(i)	Construction of earth pit in RCC surface (Type of Earthing Cl Pipe (min. 50mm inner dia 13mm thick electrode) size: 1.31 ft inner dia x 11ft depth	Nos.	1		
(ii)	Construction of earth pit in Sand/Soil Surface (Type of Earthing Cl Pipe (min. 50mm inner dia 13mm thick electrode) size: 1.31ft inner dia x 11ft depth	Nos.	3		
(iii)	Construction of earth pit in Sand/Soil Surface (Type of Earthing Cl Plate(600mmX600mmX6mm thick electrode) size: 1.31ft X 1.31ft X 11ft depth	Nos.	3		
(C)	<b>Total Amount</b>				
(D)	<b>GST</b>				
(I)	<b>Grand Total</b>				

*Shayee*

**Special terms and condition**

- 1- Contractor shall provide and replace genuine spares parts as listed in BOQ (Annexure-B)  
Hence, vendor to ensure to maintain adequate stock and availability of the required spares.
- 2- **Breakdown restore schedule:** Service response time by the contractor against breakdown notice by BHEL shall be the essence of the contract. Hence, breakdown/service requirement of any item must be attended & resolved within **48 Hours** (BHEL off days excluded) of intimation by BHEL through e-mail/phone.
- 3- **Penalty: 2 times** of daily-based annual CMC charge will be deducted from vendor bill if problem does not restore as per breakdown restore schedule.(Considering 365 days/year)
- 4- **Risk Purchase:** In case, contractor does not carry out the services/repair as per Breakdown restore schedule, in order to safeguard its interest under the contract, BHEL, at its own discretion, may get the services/repair/replacement of spares done through suitable alternative source(s) at risk & cost of the contractor. In such cases, any cost incurred to BHEL over and above contracted rates shall be recovered from dues payable to the contractor and no claim of compensation of loss, whatsoever, incurred by the contractor due to such recovery, shall be entertained by BHEL.
- 5- Contractor must have its service centre in Rudrapur. The following details of service centre to be provided by bidder:
  - (a) Address of service centre :
  - (b) Name of Contact person :
  - (c) Contact phone no. / e-mail ID:
- 6- **Warranty Period:** All re-winding work will have 1-month warranty and spares will have at least 3 months warranty.

