

### **Chapter No. 33.28**

### **ERECTION, REPAIR AND REWINDING OF FANS:**

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11

**A** **ERECTION OF FANS:**

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Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
(ii)		Erection of cabin fan on the wall having connection with PVC insulated PVC sheathed two single core copper conductor (FRLS) cable 0.75mm sq. complete.								
		Unit :-	1	Each						
<b>I</b>		<b>Materials</b>								
(i)		PVC insulated PVC sheathed two single core copper conductor 0.75sq.mm cable	Metre	0.60	19.72	11.83				
(ii)		PVC gutties	Each	2.00	0.40	0.80				
(iii)		Iron Screw 38mm long	Each	2.00	0.80	1.60				
		Total - I				14.23				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.14.23				0.14				
		Add contractor's profit @ 10% i.e. on Rs. 14.37				1.44				
		Add labour cess @ 1% i.e. on Rs. 15.81				0.16				
						15.97	15.97			15.97
<b>II</b>		<b>Labour</b>								
		Taking output	1	Each						
(i)		Electrician	Day	3/50	164.69	9.88				
(ii)		Mazdoor (Skilled)	Day	7/50	164.69	23.06				
		Total - II				32.94				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.32.94				0.33				
		Add contractor's profit @ 21.5% i.e. on Rs. 33.27				7.15				
		Add labour cess @ 1% i.e. on Rs. 40.42				0.40				
		Labour for	1	Each		40.82				
		Labour for	1	Each		40.82	40.82		40.82	
		Cost for	1	Each			56.79			
		Add 10% for sub mountainous region								4.08
		Labour for	1	Each						44.90
		Cost for	1	Each						60.87

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
(iii)		Erection of exhaust fan on the wall/ window grill having connection with PVC insulated PVC sheathed two single core copper conductor (FRLS) cable 0.75mm sq. complete.								
		Unit :-	1	Each						
<b>I</b>		<b>Materials</b>								
(i)		PVC insulated PVC sheathed two single core copper conductor 0.75sq.mm cable	Metre	0.60	19.72	11.83				
(ii)		G.I. bolt & nut/rag bolt & nut etc. 32amp. to 200amp.	Each	4.00	8.00	32.00				
		Total - I				43.83				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.43.83				0.44				
		Add contractor's profit @ 10% i.e. on Rs. 44.27				4.43				
		Add labour cess @ 1% i.e. on Rs. 48.7				0.49				
						49.19	49.19			49.19
<b>II</b>		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
(i)		Electrician	Day	1/8	164.69	20.59				
(ii)		Mazdoor (Skilled)	Day	1/8	164.69	20.59				
		Total - II				41.18				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.41.18				0.41				
		Add contractor's profit @ 21.5% i.e. on Rs. 41.59				8.94				
		Add labour cess @ 1% i.e. on Rs. 50.53				0.51				
		Labour for	1	Each		51.04				
		Labour for	1	Each		51.04	51.04	51.04		
		Cost for	1	Each			100.23			
		<b>Add 10% for sub mountainous region</b>								5.10
		Labour for	1	Each						56.14
		Cost for	1	Each						105.33

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
<b>B REPAIR AND REWINDING OF CEILING FANS:</b>										
(i)		Full stator rewinding of a ceiling fan (condensor type) of 900mm sweep, including cleaning & insulating the stator slots, sleeving, soldering, wrapping of cotton tape, varnishing, re-assembling & testing etc., complete .								
		Unit :-	1	Each						
<b>I</b>		<b>Materials</b>								
(i)		Super enamelled copper wire for winding of suitable size		Kg.	0.300	520.98	156.29			
(ii)		Sleeve		Each	2.00	1.14	2.28			
(iii)		Varnish		Litre	0.050	130.81	6.54			
(iv)		PVC insulated twin twisted flexible wire with copper conductor 1100 volts grade 24/0.20mm		Metre	0.75	7.38	5.54			
		Total - I					170.65			
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.170.65					1.71			
		Add contractor's profit @ 10% i.e. on Rs. 172.36					17.24			
		Add labour cess @ 1% i.e. on Rs. 189.6					1.90			
							191.50			
		Scrap copper		Kg.	0.300	300.00	90.00			
							101.50			
								<b>101.50</b>		<b>101.50</b>
<b>II</b>		<b>Labour</b>								
		Taking output	1	Each						
(i)		Electrician		Day	1/4	164.69	41.17			
(ii)		Mazdoor (Skilled)		Day	1/4	164.69	41.17			
		Total - II					82.34			
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.82.34					0.82			
		Add contractor's profit @ 21.5% i.e. on Rs. 83.16					17.88			
		Add labour cess @ 1% i.e. on Rs. 101.04					1.01			
		Labour for	1	Each			<b>102.05</b>			
		Labour for	1	Each			102.05		102.05	
		Cost for	1	Each						
								<b>203.55</b>		
		<b>Add 10% for sub mountainous region</b>								10.21
		Labour for	1	Each						<b>112.26</b>
		Cost for	1	Each						<b>213.76</b>

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
(ii)		Full stator rewinding of a ceiling fan (condensor type) of 1200mm sweep, including cleaning & insulating the stator slots, sleeving, soldering, wrapping of cotton tape, varnishing, re-assembling & testing etc., complete .								
		Unit :-	1	Each						
<b>I</b>		<b>Materials</b>								
(i)		Super enamelled copper wire for winding of suitable size	Kg.	0.400	520.98	208.39				
(ii)		Sleeve	Each	2.00	1.14	2.28				
(iii)		Varnish	Litre	0.060	130.81	7.85				
(iv)		PVC insulated twin twisted flexible wire with copper conductor 1100 volts grade 24/0.20mm	Metre	0.75	7.38	5.54				
		Total - I				224.06				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.224.06				2.24				
		Add contractor's profit @ 10% i.e. on Rs. 226.3				22.63				
		Add labour cess @ 1% i.e. on Rs. 248.93				2.49				
						251.42				
		Scrap copper	Kg.	0.400	300.00	120.00				
						131.42	131.42			131.42
<b>II</b>		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
(i)		Electrician	Day	1/4	164.69	41.17				
(ii)		Mazdoor (Skilled)	Day	1/4	164.69	41.17				
		Total - II				82.34				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.82.34				0.82				
		Add contractor's profit @ 21.5% i.e. on Rs. 83.16				17.88				
		Add labour cess @ 1% i.e. on Rs. 101.04				1.01				
		Labour for	1	Each		102.05				
		Labour for	1	Each		102.05	102.05		102.05	
		Cost for	1	Each			233.47			
		<b>Add 10% for sub mountainous region</b>								10.21
		Labour for	1	Each						112.26
		Cost for	1	Each						243.68

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
(iii)		Full stator rewinding of a ceiling fan (condensor type) of 1400mm sweep, including cleaning & insulating the stator slots, sleeving, soldering, wrapping of cotton tape, varnishing, re-assembling & testing etc., complete .								
		Unit :-	1	Each						
<b>I</b>		<b>Materials</b>								
(i)		Super enamelled copper wire for winding of suitable size	Kg.	0.500	520.98	260.49				
(ii)		Sleeve	Each	2.00	1.14	2.28				
(iii)		Varnish	Litre	0.060	130.81	7.85				
(iv)		PVC insulated twin twisted flexible wire with copper conductor 1100 volts grade 24/0.20mm	Metre	0.75	7.38	5.54				
		Total - I				276.16				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.276.16				2.76				
		Add contractor's profit @ 10% i.e. on Rs. 278.92				27.89				
		Add labour cess @ 1% i.e. on Rs. 306.81				3.07				
						309.88				
		Scrap copper	Kg.	0.500	300.00	150.00				
						159.88	159.88			159.88
<b>II</b>		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
(i)		Electrician	Day	1/4	164.69	41.17				
(ii)		Mazdoor (Skilled)	Day	1/4	164.69	41.17				
		Total - II				82.34				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.82.34				0.82				
		Add contractor's profit @ 21.5% i.e. on Rs. 83.16				17.88				
		Add labour cess @ 1% i.e. on Rs. 101.04				1.01				
		Labour for	1	Each		102.05				
		Labour for	1	Each		102.05	102.05		102.05	
		Cost for	1	Each			261.93			
		<b>Add 10% for sub mountainous region</b>								10.21
		Labour for	1	Each						112.26
		Cost for	1	Each						272.14

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
(iv)		Full stator rewinding of a exhaust fan (condensor type) of 300mm sweep, including cleaning & insulating the stator slots, sleeving, soldering, wrapping of cotton tape, varnishing, re-assembling & testing etc., complete .								
		Unit :-	1	Each						
<b>I</b>		<b>Materials</b>								
(i)		Super enamelled copper wire for winding of suitable size	Kg.	0.300	520.98	156.29				
(ii)		Sleeve	Each	2.00	1.14	2.28				
(iii)		Varnish	Litre	0.050	130.81	6.54				
(iv)		PVC insulated twin twisted flexible wire with copper conductor 1100 volts grade 24/0.20mm	Metre	1.00	7.38	7.38				
		Total - I				172.49				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.172.49				1.72				
		Add contractor's profit @ 10% i.e. on Rs. 174.21				17.42				
		Add labour cess @ 1% i.e. on Rs. 191.63				1.92				
						193.55				
		Scrap copper	Kg.	0.300	300.00	90.00				
						103.55	103.55			103.55
<b>II</b>		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
(i)		Electrician	Day	1/4	164.69	41.17				
(ii)		Mazdoor (Skilled)	Day	1/4	164.69	41.17				
		Total - II				82.34				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.82.34				0.82				
		Add contractor's profit @ 21.5% i.e. on Rs. 83.16				17.88				
		Add labour cess @ 1% i.e. on Rs. 101.04				1.01				
		Labour for	1	Each		102.05				
		Labour for	1	Each		102.05	102.05		102.05	
		Cost for	1	Each			205.60			
		<b>Add 10% for sub mountainous region</b>								10.21
		Labour for	1	Each						112.26
		Cost for	1	Each						215.81

Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
(v)		Full stator rewinding of a exhaust fan (condensor type) of 380mm sweep, including cleaning & insulating the stator slots, sleeving, soldering, wrapping of cotton tape, varnishing, re-assembling & testing etc., complete .								
		Unit :-	1	Each						
<b>I</b>		<b>Materials</b>								
(i)		Super enamelled copper wire for winding of suitable size	Kg.	0.500	520.98	260.49				
(ii)		Sleeve	Each	2.00	1.14	2.28				
(iii)		Varnish	Litre	0.060	130.81	7.85				
(iv)		PVC insulated twin twisted flexible wire with copper conductor 1100 volts grade 24/0.20mm	Metre	1.00	7.38	7.38				
		Total - I				278.00				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.278				2.78				
		Add contractor's profit @ 10% i.e. on Rs. 280.78				28.08				
		Add labour cess @ 1% i.e. on Rs. 308.86				3.09				
						311.95				
		Scrap copper	Kg.	0.500	300.00	150.00				
						161.95	161.95			161.95
<b>II</b>		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
(i)		Electrician	Day	1/3	164.69	54.35				
(ii)		Mazdoor (Skilled)	Day	1/3	164.69	54.35				
		Total - II				108.70				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.108.7				1.09				
		Add contractor's profit @ 21.5% i.e. on Rs. 109.79				23.60				
		Add labour cess @ 1% i.e. on Rs. 133.39				1.33				
		Labour for	1	Each		134.72				
		Labour for	1	Each		134.72	134.72		134.72	
		Cost for	1	Each			296.67			
		<b>Add 10% for sub mountainous region</b>								13.47
		Labour for	1	Each						148.19
		Cost for	1	Each						310.14



Sr. No.	Code No.	Description	Unit	Quantity	Plain			For Sub-Mountainous Region		
					Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)	Rate (In Rs.)	Cost (In Rs.)	Total (In Rs.)
1	2	3	4	5	6	7	8	9	10	11
(vi)		Full stator rewinding of a exhaust fan (condensor type) of 450mm sweep, including cleaning & insulating the stator slots, sleeving, soldering, wrapping of cotton tape, varnishing, re-assembling & testing etc., complete .								
		Unit :-	1	Each						
<b>I</b>		<b>Materials</b>								
(i)		Super enamelled copper wire for winding of suitable size	Kg.	0.600	520.98	312.59				
(ii)		Sleeve	Each	2.00	1.14	2.28				
(iii)		Varnish	Litre	0.070	130.81	9.16				
(iv)		PVC insulated twin twisted flexible wire with copper conductor 1100 volts grade 24/0.20mm	Metre	1.00	7.38	7.38				
		Total - I				331.41				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.331.41				3.31				
		Add contractor's profit @ 10% i.e. on Rs. 334.72				33.47				
		Add labour cess @ 1% i.e. on Rs. 368.19				3.68				
						371.87				
		Scrap copper	Kg.	0.600	300.00	180.00				
						191.87	191.87			191.87
<b>II</b>		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
(i)		Electrician	Day	1/2	164.69	82.35				
(ii)		Mazdoor (Skilled)	Day	1/2	164.69	82.35				
		Total - II				164.70				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.164.7				1.65				
		Add contractor's profit @ 21.5% i.e. on Rs. 166.35				35.77				
		Add labour cess @ 1% i.e. on Rs. 202.12				2.02				
		Labour for	1	Each		204.14				
		Labour for	1	Each		204.14	204.14		204.14	
		Cost for	1	Each			396.01			
		<b>Add 10% for sub mountainous region</b>								20.41
		Labour for	1	Each						224.55
		Cost for	1	Each						416.42