

**Chapter No. 33.22**  
**ON LOAD CHANGEOVER SWITCH:**

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

**ON LOAD CHANGEOVER SWITCH (Without Sheet Enclosure):**

33.22	A	Supply and erection of On Load Change over Switch with advance neutral UNIT (Panel mounting Cubical type) in the existing Cubical Panel. (Confirms to IS 13947 (PartIII). complete with G.I. Bolts, Nuts & Connection on both sides of switch with suitable size of Thimbles as per PWD General Specifications 2010.								
(i)		63amp. 415 volts four Pole on load change over switch with advance neutral UNIT								
		Unit :-	1	Each						
I		<b>Materials</b>								
(i)		63amp. 415 volts four Pole on load change over switch with advance neutral UNIT		Each	1.00	2794.84	2794.84			
(ii)		G.I. bolt & nut/rag bolt & nut etc. 32amp. to 200amp.		Each	4.00	8.00	32.00			
		Total - I					2826.84			
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.2826.84					28.27			
		Add contractor's profit @ 10% i.e. on Rs. 2855.11					285.51			
		Add labour cess @ 1% i.e. on Rs. 3140.62					31.41			
							3172.03			3172.03
II		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
(i)		Wireman (1st Class)		Day	1/3	164.69	54.35			
		Total - II					54.35			
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.54.35					0.54			
		Add contractor's profit @ 21.5% i.e. on Rs. 54.89					11.80			
		Add labour cess @ 1% i.e. on Rs. 66.69					0.67			
		Labour for	1	Each			67.36			
		Labour for	1	Each			67.36		67.36	
		Cost for	1	Each						
							3239.39			
		<b>Add 10% for sub mountainous region</b>								6.74
		Labour for	1	Each						74.10
		Cost for	1	Each						3246.13

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)		100amp. 415 volts four Pole on load change over switch with advance neutral UNIT								
		Unit :-	1	Each						
I		<b>Materials</b>								
(i)		100amp. 415 volts four Pole on load change over switch with advance neutral UNIT	Each	1.00	3918.69	3918.69				
(ii)		G.I. bolt & nut/rag bolt & nut etc. 32amp. to 200amp.	Each	4.00	8.00	32.00				
		Total - I				3950.69				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.3950.69				39.51				
		Add contractor's profit @ 10% i.e. on Rs. 3990.2				399.02				
		Add labour cess @ 1% i.e. on Rs. 4389.22				43.89				
						4433.11	4433.11			4433.11
II		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
(i)		Wireman (1st Class)	Day	1/2	164.69	82.35				
		Total - II				82.35				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.82.35				0.82				
		Add contractor's profit @ 21.5% i.e. on Rs. 83.17				17.88				
		Add labour cess @ 1% i.e. on Rs. 101.05				1.01				
		Labour for	1	Each		102.06				
		Labour for	1	Each		102.06	102.06		102.06	
		Cost for	1	Each			4535.17			
		<b>Add 10% for sub mountainous region</b>								10.21
		Labour for	1	Each						112.27
		Cost for	1	Each						4545.38

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)		125amp. 415 volts four Pole on load change over switch with advance neutral UNIT								
		Unit :-	1	Each						
I		<b>Materials</b>								
(i)		125amp. 415 volts four Pole on load change over switch with advance neutral UNIT	Each	1.00	5341.98	5341.98				
(ii)		G.I. bolt & nut/rag bolt & nut etc. 32amp. to 200amp.	Each	4.00	8.00	32.00				
		Total - I				5373.98				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.5373.98				53.74				
		Add contractor's profit @ 10% i.e. on Rs. 5427.72				542.77				
		Add labour cess @ 1% i.e. on Rs. 5970.49				59.70				
						6030.19	6030.19			6030.19
II		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
(i)		Wireman (1st Class)	Day	1/2	164.69	82.35				
		Total - II				82.35				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.82.35				0.82				
		Add contractor's profit @ 21.5% i.e. on Rs. 83.17				17.88				
		Add labour cess @ 1% i.e. on Rs. 101.05				1.01				
		Labour for	1	Each		102.06				
		Labour for	1	Each		102.06	102.06		102.06	
		Cost for	1	Each			6132.25			
		<b>Add 10% for sub mountainous region</b>								10.21
		Labour for	1	Each						112.27
		Cost for	1	Each						6142.46

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)		160amp. 415 volts four Pole on load change over switch with advance neutral UNIT								
		Unit :-	1	Each						
I		<b>Materials</b>								
(i)		160amp. 415 volts four Pole on load change over switch with advance neutral UNIT	Each	1.00	5693.19	5693.19				
(ii)		G.I. bolt & nut/rag bolt & nut etc. 32amp. to 200amp.	Each	4.00	8.00	32.00				
		Total - I				5725.19				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.5725.19				57.25				
		Add contractor's profit @ 10% i.e. on Rs. 5782.44				578.24				
		Add labour cess @ 1% i.e. on Rs. 6360.68				63.61				
						6424.29	6424.29			6424.29
II		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
(i)		Wireman (1st Class)	Day	3/4	164.69	123.52				
		Total - II				123.52				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.123.52				1.24				
		Add contractor's profit @ 21.5% i.e. on Rs. 124.76				26.82				
		Add labour cess @ 1% i.e. on Rs. 151.58				1.52				
		Labour for	1	Each		153.10				
		Labour for	1	Each		153.10	153.10	153.10		
		Cost for	1	Each			6577.39			
		<b>Add 10% for sub mountainous region</b>								15.31
		Labour for	1	Each						168.41
		Cost for	1	Each						6592.70

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)		200amp. 415 volts four Pole on load change over switch with advance neutral UNIT								
		Unit :-	1	Each						
I		<b>Materials</b>								
(i)		200amp. 415 volts four Pole on load change over switch with advance neutral UNIT	Each	1.00	7038.85	7038.85				
(ii)		G.I. bolt & nut/rag bolt & nut etc. 32amp. to 200amp.	Each	4.00	8.00	32.00				
		Total - I				7070.85				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.7070.85				70.71				
		Add contractor's profit @ 10% i.e. on Rs. 7141.56				714.16				
		Add labour cess @ 1% i.e. on Rs. 7855.72				78.56				
						7934.28	7934.28			7934.28
II		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
(i)		Wireman (1st Class)	Day	3/4	164.69	123.52				
		Total - II				123.52				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.123.52				1.24				
		Add contractor's profit @ 21.5% i.e. on Rs. 124.76				26.82				
		Add labour cess @ 1% i.e. on Rs. 151.58				1.52				
		Labour for	1	Each		153.10				
		Labour for	1	Each		153.10	153.10			
		Cost for	1	Each			8087.38			
		<b>Add 10% for sub mountainous region</b>								15.31
		Labour for	1	Each						168.41
		Cost for	1	Each						8102.69

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)		250amp. 415 volts four Pole on load change over switch with advance neutral UNIT								
		Unit :-	1	Each						
I		<b>Materials</b>								
(i)		250amp. 415 volts four Pole on load change over switch with advance neutral UNIT	Each	1.00	10055.50	10055.50				
(ii)		G.I. bolt & nut/rag bolt & nut etc. 250amp. to 400amp.	Each	4.00	12.00	48.00				
		Total - I				10103.50				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.10103.5				101.04				
		Add contractor's profit @ 10% i.e. on Rs. 10204.54				1020.45				
		Add labour cess @ 1% i.e. on Rs. 11224.99				112.25				
						11337.24	11337.24			11337.24
II		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
(i)		Wireman (1st Class)	Day	3/4	164.69	123.52				
		Total - II				123.52				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.123.52				1.24				
		Add contractor's profit @ 21.5% i.e. on Rs. 124.76				26.82				
		Add labour cess @ 1% i.e. on Rs. 151.58				1.52				
		Labour for	1	Each		153.10				
		Labour for	1	Each		153.10	153.10		153.10	
		Cost for	1	Each			11490.34			
		<b>Add 10% for sub mountainous region</b>								15.31
		Labour for	1	Each						168.41
		Cost for	1	Each						11505.65

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
(vii)		320amp. 415 volts four Pole on load change over switch with advance neutral UNIT								
		Unit :-	1	Each						
I		<b>Materials</b>								
(i)		320amp. 415 volts four Pole on load change over switch with advance neutral UNIT	Each	1.00	10647.00	10647.00				
(ii)		G.I. bolt & nut/rag bolt & nut etc. 250amp. to 400amp.	Each	4.00	12.00	48.00				
		Total - I				10695.00				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.10695				106.95				
		Add contractor's profit @ 10% i.e. on Rs. 10801.95				1080.20				
		Add labour cess @ 1% i.e. on Rs. 11882.15				118.82				
						12000.97	12000.97			12000.97
II		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
(i)		Wireman (1st Class)	Day	1.20	164.69	197.63				
		Total - II				197.63				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.197.63				1.98				
		Add contractor's profit @ 21.5% i.e. on Rs. 199.61				42.92				
		Add labour cess @ 1% i.e. on Rs. 242.53				2.43				
		Labour for	1	Each		244.96				
		Labour for	1	Each		244.96	244.96	244.96		
		Cost for	1	Each			12245.93			
		<b>Add 10% for sub mountainous region</b>								24.50
		Labour for	1	Each						269.46
		Cost for	1	Each						12270.43

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
(viii)		400amp. 415 volts four Pole on load change over switch with advance neutral UNIT								
		Unit :-	1	Each						
I		<b>Materials</b>								
(i)		400amp. 415 volts four Pole on load change over switch with advance neutral UNIT	Each	1.00	15305.06	15305.06				
(ii)		G.I. bolt & nut/rag bolt & nut etc. 250amp. to 400amp.	Each	4.00	12.00	48.00				
		Total - I				15353.06				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.15353.06				153.53				
		Add contractor's profit @ 10% i.e. on Rs. 15506.59				1550.66				
		Add labour cess @ 1% i.e. on Rs. 17057.25				170.57				
						17227.82	17227.82			17227.82
II		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
(i)		Wireman (1st Class)	Day	1.50	164.69	247.04				
		Total - II				247.04				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.247.04				2.47				
		Add contractor's profit @ 21.5% i.e. on Rs. 249.51				53.64				
		Add labour cess @ 1% i.e. on Rs. 303.15				3.03				
		Labour for	1	Each		306.18				
		Labour for	1	Each		306.18	306.18	306.18		
		Cost for	1	Each			17534.00			
		<b>Add 10% for sub mountainous region</b>								30.62
		Labour for	1	Each						336.80
		Cost for	1	Each						17564.62



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
(ix)		630amp. 415 volts four Pole on load change over switch with advance neutral UNIT								
		Unit :-	1	Each						
I		<b>Materials</b>								
(i)		630amp. 415 volts four Pole on load change over switch with advance neutral UNIT	Each	1.00	18225.59	18225.59				
(ii)		G.I. bolt & nut/rag bolt & nut etc. 250amp. to 400amp.	Each	4.00	12.00	48.00				
		Total - I				18273.59				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.18273.59				182.74				
		Add contractor's profit @ 10% i.e. on Rs. 18456.33				1845.63				
		Add labour cess @ 1% i.e. on Rs. 20301.96				203.02				
						20504.98	20504.98			20504.98
II		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
(i)		Wireman (1st Class)	Day	2.50	164.69	411.73				
		Total - II				411.73				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.411.73				4.12				
		Add contractor's profit @ 21.5% i.e. on Rs. 415.85				89.41				
		Add labour cess @ 1% i.e. on Rs. 505.26				5.05				
		Labour for	1	Each		510.31				
		Labour for	1	Each		510.31	510.31	510.31		
		Cost for	1	Each			21015.29			
		<b>Add 10% for sub mountainous region</b>								51.03
		Labour for	1	Each						561.34
		Cost for	1	Each						21066.32

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
(x)		800amp. 415 volts four Pole on load change over switch with advance neutral UNIT								
		Unit :-	1	Each						
I		<b>Materials</b>								
(i)		800amp. 415 volts four Pole on load change over switch with advance neutral UNIT	Each	1.00	26432.66	26432.66				
(ii)		G.I. bolt & nut/rag bolt & nut etc. 250amp. to 400amp.	Each	4.00	12.00	48.00				
		Total - I				26480.66				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.26480.66				264.81				
		Add contractor's profit @ 10% i.e. on Rs. 26745.47				2674.55				
		Add labour cess @ 1% i.e. on Rs. 29420.02				294.20				
						29714.22	29714.22			29714.22
II		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
(i)		Wireman (1st Class)	Day	2.5	164.69	411.73				
		Total - II				411.73				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.411.73				4.12				
		Add contractor's profit @ 21.5% i.e. on Rs. 415.85				89.41				
		Add labour cess @ 1% i.e. on Rs. 505.26				5.05				
		Labour for	1	Each		510.31				
		Labour for	1	Each		510.31	510.31	510.31		
		Cost for	1	Each			30224.53			
		<b>Add 10% for sub mountainous region</b>								51.03
		Labour for	1	Each						561.34
		Cost for	1	Each						30275.56

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
(xi)		1000amp. 415 volts four Pole on load change over switch with advance neutral UNIT								
		Unit :-	1	Each						
I		<b>Materials</b>								
(i)		1000amp. 415 volts four Pole on load change over switch with advance neutral UNIT	Each	1.00	43992.81	43992.81				
(ii)		G.I. bolt & nut/rag bolt & nut etc. 250amp. to 400amp.	Each	4.00	12.00	48.00				
		Total - I				44040.81				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.44040.81				440.41				
		Add contractor's profit @ 10% i.e. on Rs. 44481.22				4448.12				
		Add labour cess @ 1% i.e. on Rs. 48929.34				489.29				
						49418.63	49418.63			49418.63
II		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
(i)		Wireman (1st Class)	Day	2.5	164.69	411.73				
		Total - II				411.73				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.411.73				4.12				
		Add contractor's profit @ 21.5% i.e. on Rs. 415.85				89.41				
		Add labour cess @ 1% i.e. on Rs. 505.26				5.05				
		Labour for	1	Each		510.31				
		Labour for	1	Each		510.31	510.31	510.31		
		Cost for	1	Each			49928.94			
		<b>Add 10% for sub mountainous region</b>								51.03
		Labour for	1	Each						561.34
		Cost for	1	Each						49979.97

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>ON LOAD CHANGEOVER SWITCH (With Sheet Enclosure)</b>										
33.22	B	Supply and erection of On Load Change over Switch with advance neutral UNIT in sheet enclosure on the existing surface. (Confirms to IS 13947 (PartIII). complete with G.I. Bolts, Nuts etc. according to the size of holes in the body of the enclosure & Connection on both sides of switch with suitable size of Thimbles as per PWD General Specifications 2010.								
(i)		63amp. 415 volts four Pole on load change over switch with advance neutral UNIT in sheet enclosure								
		Unit :-	1	Each						
I		<b>Materials</b>								
(i)		63amp. 415 volts four Pole on load change over switch with advance neutral UNIT in sheet enclosure		Each	1.00	3844.75	3844.75			
(ii)		G.I. bolt & nut/rag bolt & nut etc. 32amp. to 200amp.		Each	4.00	8.00	32.00			
		Total - I					3876.75			
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.3876.75					38.77			
		Add contractor's profit @ 10% i.e. on Rs. 3915.52					391.55			
		Add labour cess @ 1% i.e. on Rs. 4307.07					43.07			
							4350.14			4350.14
II		<b>Labour</b>								
		Taking output	1	Each						
(i)		Wireman (1st Class)		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	
		Cost for	1	Each						
		Add 10% for sub mountainous region								13.47
		Labour for	1	Each						148.19
		Cost for	1	Each						4498.33

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
(iii)		100amp. 415 volts four Pole on load change over switch with advance neutral UNIT in sheet enclosure								
		Unit :-	1	Each						
I		<b>Materials</b>								
(i)		100amp. 415 volts four Pole on load change over switch with advance neutral UNIT in sheet enclosure	Each	1.00	5176.63	5176.63				
(ii)		G.I. bolt & nut/rag bolt & nut etc. 32amp. to 200amp.	Each	4.00	8.00	32.00				
		Total - I				5208.63				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.5208.63				52.09				
		Add contractor's profit @ 10% i.e. on Rs. 5260.72				526.07				
		Add labour cess @ 1% i.e. on Rs. 5786.79				57.87				
						5844.66	5844.66			5844.66
II		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
(i)		Wireman (1st Class)	Day	1/3	164.69	54.90				
(ii)		Mazdoor (Skilled)	Day	1/3	164.69	54.90				
		Total - II				109.80				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.109.8				1.10				
		Add contractor's profit @ 21.5% i.e. on Rs. 110.9				23.84				
		Add labour cess @ 1% i.e. on Rs. 134.74				1.35				
		Labour for	1	Each		136.09				
		Labour for	1	Each		136.09	136.09	136.09		
		Cost for	1	Each			5980.75			
		<b>Add 10% for sub mountainous region</b>								13.61
		Labour for	1	Each						149.70
		Cost for	1	Each						5994.36

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)		125amp. 415 volts four Pole on load change over switch with advance neutral UNIT in sheet enclosure								
		Unit :-	1	Each						
I		<b>Materials</b>								
(i)		125amp. 415 volts four Pole on load change over switch with advance neutral UNIT in sheet enclosure	Each	1.00	7024.06	7024.06				
(ii)		G.I. bolt & nut/rag bolt & nut etc. 32amp. to 200amp.	Each	4.00	8.00	32.00				
		Total - I				7056.06				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.7056.06				70.56				
		Add contractor's profit @ 10% i.e. on Rs. 7126.62				712.66				
		Add labour cess @ 1% i.e. on Rs. 7839.28				78.39				
						7917.67	7917.67			7917.67
II		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
(i)		Wireman (1st Class)	Day	1/3	164.69	54.90				
(ii)		Mazdoor (Skilled)	Day	1/3	164.69	54.90				
		Total - II				109.80				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.109.8				1.10				
		Add contractor's profit @ 21.5% i.e. on Rs. 110.9				23.84				
		Add labour cess @ 1% i.e. on Rs. 134.74				1.35				
		Labour for	1	Each		136.09				
		Labour for	1	Each		136.09	136.09		136.09	
		Cost for	1	Each			8053.76			
		<b>Add 10% for sub mountainous region</b>								13.61
		Labour for	1	Each						149.70
		Cost for	1	Each						8067.37

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)		160amp. 415 volts four Pole on load change over switch with advance neutral UNIT in sheet enclosure								
		Unit :- 1 Each								
I		<b>Materials</b>								
(i)		160amp. 415 volts four Pole on load change over switch with advance neutral UNIT in sheet enclosure	Each	1.00	7393.75	7393.75				
(ii)		G.I. bolt & nut/rag bolt & nut etc. 32amp. to 200amp.	Each	4.00	8.00	32.00				
		Total - I				7425.75				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.7425.75				74.26				
		Add contractor's profit @ 10% i.e. on Rs. 7500.01				750.00				
		Add labour cess @ 1% i.e. on Rs. 8250.01				82.50				
						8332.51	8332.51			8332.51
II		<b>Labour</b>								
		<b>Taking output</b> 1 Each								
(i)		Wireman (1st Class)	Day	1/3	164.69	54.90				
(ii)		Mazdoor (Skilled)	Day	1/3	164.69	54.90				
		Total - II				109.80				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.109.8				1.10				
		Add contractor's profit @ 21.5% i.e. on Rs. 110.9				23.84				
		Add labour cess @ 1% i.e. on Rs. 134.74				1.35				
		Labour for 1 Each				136.09				
		Labour for 1 Each				136.09	136.09	136.09		
		Cost for 1 Each					8468.60			
		<b>Add 10% for sub mountainous region</b>								13.61
		Labour for 1 Each								149.70
		Cost for 1 Each								8482.21

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)		200amp. 415 volts four Pole on load change over switch with advance neutral UNIT in sheet enclosure								
		Unit :-	1	Each						
I		<b>Materials</b>								
(i)		200amp. 415 volts four Pole on load change over switch with advance neutral UNIT in sheet enclosure	Each	1.00	8539.78	8539.78				
(ii)		G.I. bolt & nut/rag bolt & nut etc. 32amp. to 200amp.	Each	4.00	8.00	32.00				
		Total - I				8571.78				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.8571.78				85.72				
		Add contractor's profit @ 10% i.e. on Rs. 8657.5				865.75				
		Add labour cess @ 1% i.e. on Rs. 9523.25				95.23				
						9618.48	9618.48			9618.48
II		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
(i)		Wireman (1st Class)	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			9822.62			
		<b>Add 10% for sub mountainous region</b>								20.41
		Labour for	1	Each						224.55
		Cost for	1	Each						9843.03



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
(vii)		250amp. 415 volts four Pole on load change over switch with advance neutral UNIT in sheet enclosure								
		Unit :-	1	Each						
I		<b>Materials</b>								
(i)		250amp. 415 volts four Pole on load change over switch with advance neutral UNIT in sheet enclosure	Each	1.00	12347.56	12347.56				
(ii)		G.I. bolt & nut/rag bolt & nut etc. 250amp. to 400amp.	Each	4.00	12.00	48.00				
		Total - I				12395.56				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.12395.56				123.96				
		Add contractor's profit @ 10% i.e. on Rs. 12519.52				1251.95				
		Add labour cess @ 1% i.e. on Rs. 13771.47				137.71				
						13909.18	13909.18			13909.18
II		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
(i)		Wireman (1st Class)	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			14113.32			
		<b>Add 10% for sub mountainous region</b>								20.41
		Labour for	1	Each						224.55
		Cost for	1	Each						14133.73

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
(viii)		320amp. 415 volts four Pole on load change over switch with advance neutral UNIT in sheet enclosure								
		Unit :-	1	Each						
I		<b>Materials</b>								
(i)		320amp. 415 volts four Pole on load change over switch with advance neutral UNIT in sheet enclosure	Each	1.00	12865.13	12865.13				
(ii)		G.I. bolt & nut/rag bolt & nut etc. 250amp. to 400amp.	Each	4.00	12.00	48.00				
		Total - I				12913.13				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.12913.13				129.13				
		Add contractor's profit @ 10% i.e. on Rs. 13042.26				1304.23				
		Add labour cess @ 1% i.e. on Rs. 14346.49				143.46				
						14489.95	14489.95			14489.95
II		<b>Labour</b>								
		Taking output	1	Each						
(i)		Wireman (1st Class)	Day	1.00	164.69	164.69				
(ii)		Mazdoor (Skilled)	Day	1.00	164.69	164.69				
		Total - II				329.38				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.329.38				3.29				
		Add contractor's profit @ 21.5% i.e. on Rs. 332.67				71.52				
		Add labour cess @ 1% i.e. on Rs. 404.19				4.04				
		Labour for	1	Each		408.23				
		Labour for	1	Each		408.23	408.23	408.23		
		Cost for	1	Each			14898.18			
		Add 10% for sub mountainous region								40.82
		Labour for	1	Each						449.05
		Cost for	1	Each						14939.00

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
(ix)		400amp. 415 volts four Pole on load change over switch with advance neutral UNIT in sheet enclosure								
		Unit :-	1	Each						
I		<b>Materials</b>								
(i)		400amp. 415 volts four Pole on load change over switch with advance neutral UNIT in sheet enclosure	Each	1.00	18780.13	18780.13				
(ii)		G.I. bolt & nut/rag bolt & nut etc. 250amp. to 400amp.	Each	4.00	12.00	48.00				
		Total - I				18828.13				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.18828.13				188.28				
		Add contractor's profit @ 10% i.e. on Rs. 19016.41				1901.64				
		Add labour cess @ 1% i.e. on Rs. 20918.05				209.18				
						21127.23	21127.23			21127.23
II		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
(i)		Wireman (1st Class)	Day	1.00	164.69	164.69				
(ii)		Mazdoor (Skilled)	Day	1.00	164.69	164.69				
		Total - II				329.38				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.329.38				3.29				
		Add contractor's profit @ 21.5% i.e. on Rs. 332.67				71.52				
		Add labour cess @ 1% i.e. on Rs. 404.19				4.04				
		Labour for	1	Each		408.23				
		Labour for	1	Each		408.23	408.23	408.23		
		Cost for	1	Each			21535.46			
		<b>Add 10% for sub mountainous region</b>								40.82
		Labour for	1	Each						449.05
		Cost for	1	Each						21576.28

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
(x)		630amp. 415 volts four Pole on load change over switch with advance neutral UNIT in sheet enclosure								
		Unit :-	1	Each						
I		<b>Materials</b>								
(i)		630amp. 415 volts four Pole on load change over switch with advance neutral UNIT in sheet enclosure	Each	1.00	21811.56	21811.56				
(ii)		G.I. bolt & nut/rag bolt & nut etc. 250amp. to 400amp.	Each	4.00	12.00	48.00				
		Total - I				21859.56				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.21859.56				218.60				
		Add contractor's profit @ 10% i.e. on Rs. 22078.16				2207.82				
		Add labour cess @ 1% i.e. on Rs. 24285.98				242.86				
						24528.84	24528.84			24528.84
II		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
(i)		Wireman (1st Class)	Day	1.50	164.69	247.04				
(ii)		Mazdoor (Skilled)	Day	1.50	164.69	247.04				
		Total - II				494.08				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.494.08				4.94				
		Add contractor's profit @ 21.5% i.e. on Rs. 499.02				107.29				
		Add labour cess @ 1% i.e. on Rs. 606.31				6.06				
		Labour for	1	Each		612.37				
		Labour for	1	Each		612.37	612.37	612.37		
		Cost for	1	Each			25141.21			
		<b>Add 10% for sub mountainous region</b>								61.24
		Labour for	1	Each						673.61
		Cost for	1	Each						25202.45

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
(xi)		800amp. 415 volts four Pole on load change over switch with advance neutral UNIT in sheet enclosure								
		Unit :-	1	Each						
I		<b>Materials</b>								
(i)		800amp. 415 volts four Pole on load change over switch with advance neutral UNIT in sheet enclosure	Each	1.00	31275.56	31275.56				
(ii)		G.I. bolt & nut/rag bolt & nut etc. 250amp. to 400amp.	Each	4.00	12.00	48.00				
		Total - I				31323.56				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.31323.56				313.24				
		Add contractor's profit @ 10% i.e. on Rs. 31636.8				3163.68				
		Add labour cess @ 1% i.e. on Rs. 34800.48				348.00				
						35148.48	35148.48			35148.48
II		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
(i)		Wireman (1st Class)	Day	1.50	164.69	247.04				
(ii)		Mazdoor (Skilled)	Day	1.50	164.69	247.04				
		Total - II				494.08				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.494.08				4.94				
		Add contractor's profit @ 21.5% i.e. on Rs. 499.02				107.29				
		Add labour cess @ 1% i.e. on Rs. 606.31				6.06				
		Labour for	1	Each		612.37				
		Labour for	1	Each		612.37	612.37	612.37		
		Cost for	1	Each			35760.85			
		<b>Add 10% for sub mountainous region</b>								61.24
		Labour for	1	Each						673.61
		Cost for	1	Each						35822.09

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
(xii)		1000amp. 415 volts four Pole on load change over switch with advance neutral UNIT in sheet enclosure								
		Unit :-	1	Each						
I		<b>Materials</b>								
(i)		1000amp. 415 volts four Pole on load change over switch with advance neutral UNIT in sheet enclosure	Each	1.00	53974.38	53974.38				
(ii)		G.I. bolt & nut/rag bolt & nut etc. 250amp. to 400amp.	Each	4.00	12.00	48.00				
		Total - I				54022.38				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.54022.38				540.22				
		Add contractor's profit @ 10% i.e. on Rs. 54562.6				5456.26				
		Add labour cess @ 1% i.e. on Rs. 60018.86				600.19				
						60619.05	60619.05			60619.05
II		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
(i)		Wireman (1st Class)	Day	1.75	164.69	288.21				
(ii)		Mazdoor (Skilled)	Day	1.75	164.69	288.21				
		Total - II				576.42				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.576.42				5.76				
		Add contractor's profit @ 21.5% i.e. on Rs. 582.18				125.17				
		Add labour cess @ 1% i.e. on Rs. 707.35				7.07				
		Labour for	1	Each		714.42				
		Labour for	1	Each		714.42	714.42		714.42	
		Cost for	1	Each			61333.47			
		<b>Add 10% for sub mountainous region</b>								71.44
		Labour for	1	Each						785.86
		Cost for	1	Each						61404.91