

## Chapter No. 33.35

**OVER HEAD DISTRIBUTION INSULATORS, STAY SETS & CRADLE GUARDS:**

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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
(vi)		Supply & erection of stay set consisting of 19/20mm dia. 1.8 metre long G.I. stay rod duly threaded upto 300mm at one end and shped on the other end. MS plate size 30cm x 30cm x 6mm with 20mm dia. hole drilled in the centre of the plate G.I. stay wire size 7/10 SWG, G.I. thimble for stay, binding, Egg/Strain insulator, MS elbow made out of 16mm plain sheet and a piece of 50mm x 50mm x 6mm size 20cm long angle iron made to the shape as approved by Engineer-in-charge. Stay set complete shall be fixed to the pole by providing suitable size full clamps made out 50mm x 6mm size MS flat with required number of nut and bolts 16mm dia. on one end and shall be embedded in the on the other end. The stay plate shall be covered with cement concrete having total volume of the concrete not less than 0.042Cum. The job shall include excavation of pit and back filling and after pouring concrete with excavated soil etc. as approved/desired by the the Engineer-in-charge.								
		Unit :-	1	Each						
<b>I</b>		<b>Materials</b>								
	(i)	G.I. earth rod 1.8 metre long 20mm dia. (4.5 Kg Nominal Wt)		Each	1.00	284.00	284.00			
	(ii)	G.I. elbow 18mm dia. MS rod		Each	1.00	91.10	91.10			
	(iii)	MS angle iron 40mm x 40mm x 5mm thick (3 kg. per metre)		Kg.	0.36	34.31	12.35			
	(iv)	G.I. wire no. 7/3.15mm		Kg.	4.80	64.30	308.64			
	(v)	Egg/Strain insulator confirming to relevent ISI specifications		Each	1.00	34.13	34.13			
	(vi)	MS anchor plate 300mm x 300mm x 6mm (4.5 Kg.)		Each	1.00	398.19	398.19			
	(vii)	MS Flat 40mm X 6mm		Kg.	1.90	43.68	82.99			
	(viii)	Cement concrete 1:2:4		Cum	0.042	4556.00	191.35			
		Total - I					1402.75			
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.1402.75					14.03			
		Add contractor's profit @ 10% i.e. on Rs. 1416.78					141.68			
		Add labour cess @ 1% i.e. on Rs. 1558.46					15.58			
							1574.04			1574.04
<b>II</b>		<b>Labour</b>								
		<b>Taking output</b>	1	Each						
	(i)	Wireman (1st Class)		Day	2/5	164.69	65.88			
	(ii)	Mazdoor (Skilled)		Day	1 1/2	164.69	247.04			
		Total - II					312.92			
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.312.92					3.13			
		Add contractor's profit @ 21.5% i.e. on Rs. 316.05					67.95			

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1	2	3	4	5	6	7	8	9	10	11
(vii)		Supply & erection of stay set consisting of 19/20mm dia. 2.4 metre long G.I. stay rod duly threaded upto 300mm at one end and shped on the other end. MS plate size 30cm x 30cm x 6mm with 20mm dia. hole drilled in the centre of the plate G.I. stay wire size 7/10 SWG, G.I. thimble for stay, binding, Egg/Strain insulator, MS elbow made out of 16mm plain sheet and a piece of 50mm x 50mm x 6mm size 20cm long angle iron made to the shape as approved by Engineer-in-charge. Stay set complete shall be fixed to the pole by providing suitable size full clamps made out 50mm x 6mm size MS flat with required number of nut and bolts 16mm dia. on one end and shall be embedded in the on the other end. The stay plate shall be covered with cement concrete having total volume of the concrete not less than 0.042Cum. The job shall include excavation of pit and back filling and after pouring concrete with excavated soil etc. as approved/desired by the the Engineer-in-charge.								
		Unit :-	1	Each						
<b>I</b>		<b>Materials</b>								
	(i)	G.I. earth rod 2.4 metre long 20mm dia.		Each	1.00	340.00	340.00			
	(ii)	G.I. elbow 18mm dia. MS rod		Each	1.00	91.10	91.10			
	(iii)	MS angle iron 40mm x 40mm x 5mm thick (3 kg. per metre)		Kg.	0.36	34.31	12.35			
	(iv)	G.I. wire no. 7/3.15mm		Kg.	4.80	64.30	308.64			
	(v)	Egg/Strain insulator conforming to relevent ISI specifications		Each	1.00	34.13	34.13			
	(vi)	MS anchor plate 300mm x 300mm x 6mm (4.5 Kg.)		Kg.	1.00	398.19	398.19			
	(vii)	MS Flat 40mm X 6mm		Kg.	1.90	43.68	82.99			
	(viii)	Cement concrete 1:2:4		Cum	0.042	4556.00	191.35			
		Total - I					1458.75			
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.1458.75					14.59			
		Add contractor's profit @ 10% i.e. on Rs. 1473.34					147.33			
		Add labour cess @ 1% i.e. on Rs. 1620.67					16.21			
							1636.88			1636.88
<b>II</b>		<b>Labour</b>								
		Taking output	1	Each						
	(i)	Wireman (1st Class)		Day	2/5	164.69	65.88			
	(ii)	Mazdoor (Skilled)		Day	1 1/2	164.69	247.04			
		Total - II					312.92			



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