

Chapter No. 33.25

CABLE TRAY:

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
33.25		Supply and erection of MS perforated cable tray with DA gray paint on the existing surface with the help of MS angle iron support (to be painted with approved paint) of size 50mm x 50mm x 6mm thick to be fixed with fastners/ nut & bolts etc. complete in all respect as desired by the Engineer-in-charge as per PWD General Specifications 2010.								
(i)		MS perforated cable tray size 150mm x 50mm x 50mm (2mm thick)								
		Unit :-	1	Metre						
I		Materials								
(i)		MS perforated cable tray size 150mm x 50mm x 50mm (2mm thick)	Metre	1.00	297.26	297.26				
(ii)		MS angle iron size 50mm x 50mm x 6mm for L/ U type bracket of size 150mm x 350mm for support of cable tray (4.470 kg. per mtr.)	Kg.	2.235	43.68	97.62				
(iii)		Fastner 10mm x 75mm	Each	2.00	12.00	24.00				
(iv)		Hexagonal G.I. nut bolts with 1no. spring washer and 2nos. plain washers 8mm x 40mm	Each	4.00	3.25	13.00				
(v)		Fabrication, drilling charges for making MS angle iron bracket/ support for cable tray	Kg.	2.235	12.00	26.82				
(vi)		Approved paint (Two Coats)	Litre	0.100	180.00	18.00				
		Total - I				476.70				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.476.7				4.77				
		Add contractor's profit @ 10% i.e. on Rs. 481.47				48.15				
		Add labour cess @ 1% i.e. on Rs. 529.62				5.30				
						534.92	534.92			534.92
II		Labour								
		Taking output	1	Metre						
(i)		Wireman (1st Class)	Day	1/10	164.69	16.47				
(iii)		Painter (2nd Class)	Day	1/20	190.00	9.50				
		Total - II				25.97				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.25.97				0.26				
		Add contractor's profit @ 21.5% i.e. on Rs. 26.23				5.64				
		Add labour cess @ 1% i.e. on Rs. 31.87				0.32				
		Labour for	1	Metre		32.19				
		Labour for	1	Metre		32.19	32.19		32.19	
		Cost for	1	Metre			567.11			

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1	2	3	4	5	6	7	8	9	10	11
		Add 10% for sub mountainous region								3.22
		Labour for	1	Metre						35.41
		Cost for	1	Metre						570.33

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					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)		MS perforated cable tray size 300mm x 50mm x 50mm (2mm thick)								
		Unit :-	1	Metre						
I		Materials								
(i)		MS perforated cable tray size 300mm x 50mm x 50mm (2mm thick)		Metre	1.00	475.00	475.00			
(ii)		MS angle iron size 50mm x 50mm x 6mm for L/ U type bracket of size 300mm x 350mm for support of cable tray (4.470 kg. per mtr.)		Kg.	2.905	43.68	126.89			
(iii)		Fastner 10mm x 75mm		Each	2.00	12.00	24.00			
(iv)		Hexagonal G.I. nut bolts with 1no. spring washer and 2nos. plain washers 8mm x 40mm		Each	4.00	3.25	13.00			
(v)		Fabrication, drilling charges for making MS angle iron bracket/ support for cable tray		Kg.	2.905	12.00	34.86			
(vi)		Approved paint (Two Coats)		Litre	0.100	180.00	18.00			
		Total - I					691.75			
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.691.75					6.92			
		Add contractor's profit @ 10% i.e. on Rs. 698.67					69.87			
		Add labour cess @ 1% i.e. on Rs. 768.54					7.69			
							776.23		776.23	776.23
II		Labour								
		Taking output	1	Metre						
(i)		Wireman (1st Class)		Day	1/10	164.69	16.47			
(iii)		Painter (2nd Class)		Day	1/20	190.00	9.50			
		Total - II					25.97			
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.25.97					0.26			
		Add contractor's profit @ 21.5% i.e. on Rs. 26.23					5.64			
		Add labour cess @ 1% i.e. on Rs. 31.87					0.32			
		Labour for	1	Metre			32.19			
		Labour for	1	Metre			32.19		32.19	
		Cost for	1	Metre			808.42			
		Add 10% for sub mountainous region								3.22
		Labour for	1	Metre						35.41
		Cost for	1	Metre						811.64

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					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)		MS perforated cable tray size 450mm x 50mm x 50mm (2mm thick)								
		Unit :-	1	Metre						
I		Materials								
(i)		MS perforated cable tray size 450mm x 50mm x 50mm (2mm thick)		Metre	1.00	653.51	653.51			
(ii)		MS angle iron size 50mm x 50mm x 6mm for L/ U type bracket of size 450mm x 350mm for support of cable tray (4.470 kg. per mtr.)		Kg.	3.576	43.68	156.20			
(iii)		Fastner 10mm x 75mm		Each	2.00	12.00	24.00			
(iv)		Hexagonal G.I. nut bolts with 1no. spring washer and 2nos. plain washers 8mm x 40mm		Each	4.00	3.25	13.00			
(v)		Fabrication, drilling charges for making MS angle iron bracket/ support for cable tray		Kg.	3.576	12.00	42.91			
(vi)		Approved paint (Two Coats)		Litre	0.100	180.00	18.00			
		Total - I					907.62			
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.907.62					9.08			
		Add contractor's profit @ 10% i.e. on Rs. 916.7					91.67			
		Add labour cess @ 1% i.e. on Rs. 1008.37					10.08			
							1018.45			1018.45
II		Labour								
		Taking output	1	Metre						
(i)		Wireman (1st Class)		Day	1/10	164.69	16.47			
(iii)		Painter (2nd Class)		Day	1/20	190.00	9.50			
		Total - II					25.97			
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.25.97					0.26			
		Add contractor's profit @ 21.5% i.e. on Rs. 26.23					5.64			
		Add labour cess @ 1% i.e. on Rs. 31.87					0.32			
		Labour for	1	Metre			32.19			
		Labour for	1	Metre			32.19		32.19	
		Cost for	1	Metre			1050.64			
		Add 10% for sub mountainous region								3.22
		Labour for	1	Metre						35.41
		Cost for	1	Metre						1053.86

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					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)		MS perforated cable tray size 50mm x 50mm (2mm thick) L Type								
		Unit :-	1	Metre						
I		Materials								
(i)		MS perforated cable tray size 50mm x 50mm (2mm thick) L Type		Metre	1.00	116.37	116.37			
(ii)		MS angle iron size 50mm x 50mm x 6mm for L/ U type bracket of size 200mm x 50mm for support of L type cable tray (4.470 kg. per mtr.)		Kg.	1.120	43.68	48.92			
(iii)		Fastner 10mm x 75mm		Each	2.00	12.00	24.00			
(iv)		Hexagonal G.I. nut bolts with 1no. spring washer and 2nos. plain washers 8mm x 40mm		Each	4.00	3.25	13.00			
(v)		Fabrication, drilling charges for making MS angle iron bracket/ support for cable tray		Kg.	1.120	12.00	13.44			
(vi)		Approved paint (Two Coats)		Litre	0.100	180.00	18.00			
		Total - I					233.73			
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.233.73					2.34			
		Add contractor's profit @ 10% i.e. on Rs. 236.07					23.61			
		Add labour cess @ 1% i.e. on Rs. 259.68					2.60			
							262.28			262.28
II		Labour								
		Taking output	1	Metre						
(i)		Wireman (1st Class)		Day	1/10	164.69	16.47			
(iii)		Painter (2nd Class)		Day	1/20	190.00	9.50			
		Total - II					25.97			
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.25.97					0.26			
		Add contractor's profit @ 21.5% i.e. on Rs. 26.23					5.64			
		Add labour cess @ 1% i.e. on Rs. 31.87					0.32			
		Labour for	1	Metre			32.19			
		Labour for	1	Metre			32.19		32.19	
		Cost for	1	Metre			294.47			
		Add 10% for sub mountainous region								3.22
		Labour for	1	Metre						35.41
		Cost for	1	Metre						297.69