

Chapter No. 33.29
GI PIPE POLES & BRACKETS:

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

GI PIPE POLES

33.29 A	Supply and erection of G.I. pipe 'A' quality of suitable length and dia. conforming to I.S. 1239 part-I 1979, including fixing up to a given depth below G/L, the hole of excavation about 30 cm dia. and given depth to be filled in up to 15 cm below and above G/L with 1:2:4 cement concrete up to a height of 45 cm from G/L. The radial thickness of the plinth above G/L should not be less than 6.35 cm and sufficient to completely flush a MCB distribution board SPN 4way with hinged water tight cover with locking arrangement having one single pole MCB of required capacity of the same size the outer surface of the plinth to be finished with 1:2 cement plaster 6 mm thick M.S. fuse box shall have a water proof hinged cover with locking arrangement including painting of pole with two coats of approved aluminium paint as required:-												
(i)	4 metre long having nominal bore dia. 65mm, planting depth 80cm with pit depth 95cm.												
	Unit :-	1	Each										
I	Materials												
(ii)	G.I. pipe 65mm dia. (A-class)			Metre	4.00	335.49	1341.96						
(iii)	Sheet metal double door S.P. & N. distribution board (dust protected) provided with bus bar, neutral link and din bar, suitable for incorporating MCB's/ RCBO/ RCCB's, 4 way each			Each	1.00	700.70	700.70						
(iv)	Miniature circuit breaker single pole 6 to 32amp. (Breaking capacity 10kA, Curve-C) suitable for 240/ 415 volts 50cycles AC supply			Each	1.00	141.05	141.05						
(v)	Cement concrete 1:2:4			Cum	0.074	4556.00	337.14						
(vi)	Aluminium paint			Litre	0.14	180.00	24.48						
	Total - I						2545.33						
	Sundries such as carriage of material and other hidden charges etc.@1% on Rs.2545.33						25.45						
	Add contractor's profit @ 10% i.e. on Rs. 2570.78						257.08						
	Add labour cess @ 1% i.e. on Rs. 2827.86						28.28						
							2856.14		2856.14				2856.14
II	Labour												
	Taking output	1	Each										
(i)	Brick layer (2nd Class)			Day	3/4	190.00	142.50						

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)		6.1 metre long having nominal bore dia. 80mm, planting depth 120cm with pit depth 135cm.								
		Unit :-	1	Each						
I		Materials								
(ii)		G.I. pipe 80mm dia. (A-class)		Metre	6.10	399.85	2439.09			
(iii)		Sheet metal double door S.P. & N. distribution board (dust protected) provided with bus bar, neutral link and din bar, suitable for incorporating MCB's/ RCBO/ RCCB's, 4 way each		Each	1.00	700.70	700.70			
(iv)		Miniature circuit breaker single pole 6 to 32amp. (Breaking capacity 10kA, Curve-C) suitable for 240/ 415 volts 50cycles AC supply		Each	1.00	141.05	141.05			
(v)		Cement concrete 1:2:4		Cum	0.11	4556.00	501.16			
(vi)		Aluminium paint		Litre	0.25	180.00	44.46			
		Total - I					3826.46			
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.3826.46					38.26			
		Add contractor's profit @ 10% i.e. on Rs. 3864.72					386.47			
		Add labour cess @ 1% i.e. on Rs. 4251.19					42.51			
							4293.70			
							4293.70			4293.70
II		Labour								
		Taking output	1	Each						
(i)		Brick layer (2nd Class)		Day	1	190.00	190.00			
(ii)		Mazdoor (Skilled)	3	Nos.	1/4	164.69	123.52			
(iii)		Lineman (1st Class)		Day	1/4	181.86	45.47			
(iv)		Painter (2nd Class)		Day	1/20	190.00	9.50			
		Total - II					368.49			
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.368.49					3.68			
		Add contractor's profit @ 21.5% i.e. on Rs. 372.17					80.02			
		Add labour cess @ 1% i.e. on Rs. 452.19					4.52			
		Labour for	1	Each			456.71			
		Labour for	1	Each			456.71		456.71	
		Cost for	1	Each			4750.41			
		Add 10% for sub mountainous region								45.67
		Labour for	1	Each						502.38
		Cost for	1	Each						4796.08

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)		6.1 metre long having nominal bore dia 100mm, planting depth 120cm with pit depth 135cm .								
		Unit :-	1	Each						
I		Materials								
(ii)		G.I. pipe 100mm dia. (A-class)		Metre	6.10	562.32	3430.15			
(iii)		Sheet metal double door S.P. & N. distribution board (dust protected) provided with bus bar, neutral link and din bar, suitable for incorporating MCB's/ RCBO/ RCCB's, 4 way each		Each	1.00	700.70	700.70			
(iv)		Miniature circuit breaker single pole 6 to 32amp. (Breaking capacity 10kA, Curve-C) suitable for 240/ 415 volts 50cycles AC supply		Each	1.00	141.05	141.05			
(v)		Cement concrete 1:2:4		Cum	0.19	4556.00	865.64			
(vi)		Aluminium paint		Litre	0.32	180.00	57.24			
		Total - I					5194.78			
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.5194.78					51.95			
		Add contractor's profit @ 10% i.e. on Rs. 5246.73					524.67			
		Add labour cess @ 1% i.e. on Rs. 5771.4					57.71			
							5829.11			5829.11
II		Labour								
		Taking output	1	Each						
(i)		Brick layer (2nd Class)		Day	1	190.00	190.00			
(ii)		Mazdoor (Skilled)	3	Nos.	1/4	164.69	123.52			
(iii)		Lineman (1st Class)		Day	1/4	181.86	45.47			
(iv)		Painter (2nd Class)		Day	1/20	190.00	9.50			
		Total - II					368.49			
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.368.49					3.68			
		Add contractor's profit @ 21.5% i.e. on Rs. 372.17					80.02			
		Add labour cess @ 1% i.e. on Rs. 452.19					4.52			
		Labour for	1	Each			456.71			
		Labour for	1	Each			456.71		456.71	
		Cost for	1	Each						
		Add 10% for sub mountainous region								45.67
		Labour for	1	Each						502.38
		Cost for	1	Each						6331.49

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

GI PIPE POLE BRACKETS: SINGLE ARM BRACKETS:

B		Supply and erection of G.I. pipe 40mm dia. (A-class) single arm bracket atleast 1 metre long arm to give a total overhang at a tentative angle of 100/105°, the bracket should be fixed on the top of the GI pipe pole having top outer dia. 80mm with GI reducer 80mm x 40mm with two coats of an approved aluminium paint complete in all respect as approved by the Engineer-in-charge at site.										
(i)												
		Unit :-	1	Each								
I		Materials										
(i)		Galvanized iron pipe 40mm dia. (A class)		Metre	1.00	201.29	201.29					
(ii)		G.I. reducing socket 80mm x 40mm		Metre	1.00	209.15	209.15					
(vii)		Fabrication of GI pipe 40mm dia. (medium) single arm bracket including the cost of cutting, threading and welding charges etc.		Each	1.00	100.00	100.00					
(viii)		Aluminium paint		Litre	0.100	180.00	18.00					
		Total - I					528.44					
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.528.44					5.28					
		Add contractor's profit @ 10% i.e. on Rs. 533.72					53.37					
		Add labour cess @ 1% i.e. on Rs. 587.09					5.87					
							592.96			592.96		592.96
II		Labour										
		Taking output	1	Each								
(i)		Lineman (1st Class)		Day	1/12	181.86	15.09					
(ii)		Mazdoor (Skilled)		Day	1/12	164.69	13.67					
(iii)		Painter (2nd Class)		Day	1/25	190.00	7.60					
		Total - II					36.36					
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.36.36					0.36					
		Add contractor's profit @ 21.5% i.e. on Rs. 36.72					7.89					
		Add labour cess @ 1% i.e. on Rs. 44.61					0.45					
		Labour for	1	Each			45.06					
		Labour for	1	Each			45.06			45.06		
		Cost for	1	Each						638.02		
		Add 10% for sub mountainous region										4.51

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
		Labour for	1	Each						49.57
		Cost for	1	Each						642.53
(ii)		Supply and erection of G.I. pipe 40mm dia. (A-class) single arm bracket atleast 1.5 metre long arm to give a total overhang at a tentative angle of 100/105°, the bracket should be fixed on the top of the GI pipe pole having top outer dia. 80mm with GI reducer 80mm x 40mm with two coats of an approved aluminium paint complete in all respect as approved by the Engineer-in-charge at site.								
		Unit :-	1	Each						
I		Materials								
(i)		Galvanized iron pipe 40mm dia. (A class)		Metre	1.50	201.29	301.94			
(ii)		G.I. reducing socket 80mm x 40mm		Metre	1.00	209.15	209.15			
(vii)		Fabrication of GI pipe 40mm dia. (medium) single arm bracket including the cost of cutting, threading and welding charges etc.		Each	1.00	100.00	100.00			
(viii)		Aluminium paint		Litre	0.120	180.00	21.60			
		Total - I					632.69			
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.632.69					6.33			
		Add contractor's profit @ 10% i.e. on Rs. 639.02					63.90			
		Add labour cess @ 1% i.e. on Rs. 702.92					7.03			
							709.95		709.95	709.95
II		Labour								
		Taking output	1	Each						
(i)		Lineman (1st Class)		Day	1/12	181.86	15.09			
(ii)		Mazdoor (Skilled)		Day	1/12	164.69	13.67			
(iii)		Painter (2nd Class)		Day	1/25	190.00	7.60			
		Total - II					36.36			
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.36.36					0.36			
		Add contractor's profit @ 21.5% i.e. on Rs. 36.72					7.89			
		Add labour cess @ 1% i.e. on Rs. 44.61					0.45			
		Labour for	1	Each			45.06			
		Labour for	1	Each			45.06		45.06	
		Cost for	1	Each						
							755.01			
		Add 10% for sub mountainous region								4.51
		Labour for	1	Each						49.57
		Cost for	1	Each						759.52

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)		Supply and erection of G.I. pipe 40mm dia. (A-class) single arm bracket atleast 1 metre long arm to give a total overhang at a tentative angle of 100/105°, the bracket should be fixed on the top of the GI pipe pole having top outer dia. 100mm with GI reducer 100mm x 40mm with two coats of an approved aluminium paint complete in all respect as approved by the Engineer-in-charge at site.								
		Unit :-	1	Each						
I		Materials								
(i)		Galvanized iron pipe 40mm dia. (A class)		Metre	1.00	201.29	201.29			
(ii)		G.I. reducing socket 100mm x 40mm		Metre	1.00	215.00	215.00			
(vii)		Fabrication of GI pipe 40mm dia. (medium) single arm bracket including the cost of cutting, threading and welding charges etc.		Each	1.00	100.00	100.00			
(viii)		Aluminium paint		Litre	0.100	180.00	18.00			
		Total - I					534.29			
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.534.29					5.34			
		Add contractor's profit @ 10% i.e. on Rs. 539.63					53.96			
		Add labour cess @ 1% i.e. on Rs. 593.59					5.94			
							599.53		599.53	599.53
II		Labour								
		Taking output	1	Each						
(i)		Lineman (1st Class)		Day	1/12	181.86	15.09			
(ii)		Mazdoor (Skilled)		Day	1/12	164.69	13.67			
(iii)		Painter (2nd Class)		Day	1/25	190.00	7.60			
		Total - II					36.36			
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.36.36					0.36			
		Add contractor's profit @ 21.5% i.e. on Rs. 36.72					7.89			
		Add labour cess @ 1% i.e. on Rs. 44.61					0.45			
		Labour for	1	Each			45.06			
		Labour for	1	Each			45.06		45.06	
		Cost for	1	Each					644.59	
		Add 10% for sub mountainous region								4.51
		Labour for	1	Each						49.57
		Cost for	1	Each						649.10

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)		Supply and erection of G.I. pipe 40mm dia. (A-class) single arm bracket atleast 1.5 metre long arm to give a total overhang at a tentative angle of 100/105°, the bracket should be fixed on the top of the GI pipe pole having top outer dia. 100mm with GI reducer 100mm x 40mm with two coats of an approved aluminium paint complete in all respect as approved by the Engineer-in-charge at site.								
		Unit :-	1	Each						
I		Materials								
(i)		Galvanized iron pipe 40mm dia. (A class)	Metre	1.50	201.29	301.94				
(ii)		G.I. reducing socket 100mm x 40mm	Metre	1.00	215.00	215.00				
(vii)		Fabrication of GI pipe 40mm dia. (medium) single arm bracket including the cost of cutting, threading and welding charges etc.	Each	1.00	100.00	100.00				
(viii)		Aluminium paint	Litre	0.120	180.00	21.60				
		Total - I				638.54				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.638.54				6.39				
		Add contractor's profit @ 10% i.e. on Rs. 644.93				64.49				
		Add labour cess @ 1% i.e. on Rs. 709.42				7.09				
						716.51	716.51			716.51
II		Labour								
		Taking output	1	Each						
(i)		Lineman (1st Class)	Day	1/12	181.86	15.09				
(ii)		Mazdoor (Skilled)	Day	1/12	164.69	13.67				
(iii)		Painter (2nd Class)	Day	1/25	190.00	7.60				
		Total - II				36.36				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.36.36				0.36				
		Add contractor's profit @ 21.5% i.e. on Rs. 36.72				7.89				
		Add labour cess @ 1% i.e. on Rs. 44.61				0.45				
		Labour for	1	Each		45.06				
		Labour for	1	Each		45.06	45.06	45.06		
		Cost for	1	Each			761.57			
		Add 10% for sub mountainous region								4.51
		Labour for	1	Each						49.57
		Cost for	1	Each						766.08

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)		Supply and erection of G.I. pipe 40mm dia. (medium) single arm bracket atleast 1.5 metre long arm to give a total overhang at a tentative angle of 100/105°, the bracket should be fixed on the existing surface/ wall with 2nos. MS flat clamp 25mm x 5mm, 30cm long and 4nos. fastner 10mm x 750mm long with two coats of an approved aluminium paint complete in all respect as approved by the Engineer-in-charge at site.								
		Unit :-	1	Each						
I		Materials								
(i)		Galvanized iron pipe 40mm dia. (B Class)		Metre	1.50	213.00	319.50			
(ii)		MS flat clamp 25mm x 5mm, 30cm long		Kg.	0.600	56.88	34.13			
(vii)		Fastner 10mm x 75mm		Each	4.00	12.00	48.00			
(viii)		Aluminium paint		Litre	0.120	180.00	21.60			
		Total - I					423.23			
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.423.23					4.23			
		Add contractor's profit @ 10% i.e. on Rs. 427.46					42.75			
		Add labour cess @ 1% i.e. on Rs. 470.21					4.70			
							474.91			474.91
II		Labour								
		Taking output	1	Each						
(i)		Lineman (1st Class)		Day	1/10	181.86	18.19			
(ii)		Mazdoor (Skilled)		Day	1/10	164.69	16.47			
(iii)		Painter (2nd Class)		Day	1/25	190.00	7.60			
		Total - II					42.26			
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.42.26					0.42			
		Add contractor's profit @ 21.5% i.e. on Rs. 42.68					9.18			
		Add labour cess @ 1% i.e. on Rs. 51.86					0.52			
		Labour for	1	Each			52.38			
		Labour for	1	Each			52.38		52.38	
		Cost for	1	Each			527.29			
		Add 10% for sub mountainous region								5.24
		Labour for	1	Each						57.62
		Cost for	1	Each						532.53

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 and erection of G.I. pipe 40mm dia. (medium) single arm bracket atleast 2 metre long arm to give a total overhang at a tentative angle of 100/105°, the bracket should be fixed on the existing surface/ wall with 2nos. MS flat clamp 25mm x 5mm, 30cm long and 4nos. fastner 10mm x 750mm long with two coats of an approved aluminium paint complete in all respect as approved by the Engineer-in-charge at site.								
		Unit :-	1	Each						
I		Materials								
(i)		Galvanized iron pipe 40mm dia. (B Class)		Metre	2.00	213.00	426.00			
(ii)		MS flat clamp 25mm x 5mm, 30cm long		Kg.	0.600	56.88	34.13			
(vii)		Fastner 10mm x 75mm		Each	4.00	12.00	48.00			
(viii)		Aluminium paint		Litre	0.140	180.00	25.20			
		Total - I					533.33			
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.533.33					5.33			
		Add contractor's profit @ 10% i.e. on Rs. 538.66					53.87			
		Add labour cess @ 1% i.e. on Rs. 592.53					5.93			
							598.46			598.46
II		Labour								
		Taking output	1	Each						
(i)		Lineman (1st Class)		Day	1/10	181.86	18.19			
(ii)		Mazdoor (Skilled)		Day	1/10	164.69	16.47			
(iii)		Painter (2nd Class)		Day	1/25	190.00	7.60			
		Total - II					42.26			
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.42.26					0.42			
		Add contractor's profit @ 21.5% i.e. on Rs. 42.68					9.18			
		Add labour cess @ 1% i.e. on Rs. 51.86					0.52			
		Labour for	1	Each			52.38			
		Labour for	1	Each			52.38		52.38	
		Cost for	1	Each					650.84	
		Add 10% for sub mountainous region								5.24
		Labour for	1	Each						57.62
		Cost for	1	Each						656.08

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)		Supply and erection of G.I. pipe 50mm dia. (medium) single arm bracket atleast 1.5 metre long arm to give a total overhang at a tentative angle of 100/105°, the bracket should be fixed on the existing surface/ wall with 2nos. MS flat clamp 25mm x 5mm, 30cm long and 4nos. fastner 10mm x 750mm long with two coats of an approved aluminium paint complete in all respect as approved by the Engineer-in-charge at site.								
		Unit :-	1	Each						
I		Materials								
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.		Metre	1.50	268.01	402.02			
(ii)		MS flat clamp 25mm x 5mm, 30cm long		Kg.	0.600	56.88	34.13			
(vii)		Fastner 10mm x 75mm		Each	4.00	12.00	48.00			
(viii)		Aluminium paint		Litre	0.140	180.00	25.20			
		Total - I					509.35			
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.509.35					5.09			
		Add contractor's profit @ 10% i.e. on Rs. 514.44					51.44			
		Add labour cess @ 1% i.e. on Rs. 565.88					5.66			
							571.54		571.54	571.54
II		Labour								
		Taking output	1	Each						
(i)		Lineman (1st Class)		Day	1/8	181.86	22.73			
(ii)		Mazdoor (Skilled)		Day	1/8	164.69	20.59			
(iii)		Painter (2nd Class)		Day	1/20	190.00	9.50			
		Total - II					52.82			
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.52.82					0.53			
		Add contractor's profit @ 21.5% i.e. on Rs. 53.35					11.47			
		Add labour cess @ 1% i.e. on Rs. 64.82					0.65			
		Labour for	1	Each			65.47			
		Labour for	1	Each			65.47		65.47	
		Cost for	1	Each			637.01			
		Add 10% for sub mountainous region								6.55
		Labour for	1	Each						72.02
		Cost for	1	Each						643.56

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
(viii)		Supply and erection of G.I. pipe 50mm dia. (medium) single arm bracket atleast 2 metre long arm to give a total overhang at a tentative angle of 100/105°, the bracket should be fixed on the existing surface/ wall with 2nos. MS flat clamp 25mm x 5mm, 30cm long and 4nos. fastner 10mm x 750mm long with two coats of an approved aluminium paint complete in all respect as approved by the Engineer-in-charge at site.								
		Unit :-	1	Each						
I		Materials								
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.		Metre	2.00	268.01	536.02			
(ii)		MS flat clamp 25mm x 5mm, 30cm long		Kg.	0.600	56.88	34.13			
(vii)		Fastner 10mm x 75mm		Each	4.00	12.00	48.00			
(viii)		Aluminium paint		Litre	0.160	180.00	28.80			
		Total - I					646.95			
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.646.95					6.47			
		Add contractor's profit @ 10% i.e. on Rs. 653.42					65.34			
		Add labour cess @ 1% i.e. on Rs. 718.76					7.19			
							725.95			725.95
II		Labour								
		Taking output	1	Each						
(i)		Lineman (1st Class)		Day	1/8	181.86	22.73			
(ii)		Mazdoor (Skilled)		Day	1/8	164.69	20.59			
(iii)		Painter (2nd Class)		Day	1/20	190.00	9.50			
		Total - II					52.82			
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.52.82					0.53			
		Add contractor's profit @ 21.5% i.e. on Rs. 53.35					11.47			
		Add labour cess @ 1% i.e. on Rs. 64.82					0.65			
		Labour for	1	Each			65.47			
		Labour for	1	Each			65.47		65.47	
		Cost for	1	Each			791.42			
		Add 10% for sub mountainous region								6.55
		Labour for	1	Each						72.02
		Cost for	1	Each						797.97

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

GI PIPE BRACKETS FOR 3 STEPPED STEEL TUBULAR POLES:

SINGLE ARM BRACKETS:

C		Supply and erection of G.I. pipe 50mm dia. (medium) Single arm bracket 1.5 metre long each arm welded with MS canopy 80mm inner dia., outer dia 89.5mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 76.1mm. The MS canopy should have 3no. holes for fixing the bracket at the top end of the pole with the help of 3nos. ½"x1½" size nut bolt of full thread. The bracket should have MS round sheet 3mm thick 90mm dia. welded with MS ring of 90mm dia and 50mm long, 1.62mm thick for covering the top end of the canopy. The MS canopy and GI bracket should be welded at tentative angel 105° (105 degree) inclination with MS sheet 5mm thick triangular in shape having dimensions 225mm x 150mm x 5mm thick with two coats of an approved aluminium paint as desired by Engineer-in-charge at site.										
(i)												
		Unit :-	1	Each								
I		Materials										
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.		Metre	1.50	268.01	402.02					
(ii)		MS pipe 80mm dia. (Medium) Inner dia. 80mm and outer dia. 89.5mm		Metre	0.45	390.00	175.50					
(iii)		Nut & Bolt fully threaded size 1/2" x 1 1/2"		Each	3.00	8.00	24.00					
(iv)		MS sheet 3mm thick		Kg.	0.200	43.68	8.74					
(v)		MS sheet 1.62mm thick		Kg.	0.075	49.44	3.71					
(vi)		MS sheet 5mm thick		Kg.	1.875	43.68	81.90					
(vii)		Fabrication of GI pipe 50mm dia. (medium) single arm bracket including the cost of cutting, drilling and welding charges etc.		Each	1.00	150.00	150.00					
(viii)		Aluminium paint		Litre	0.125	180.00	22.50					
		Total - I					868.37					
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.868.37					8.68					
		Add contractor's profit @ 10% i.e. on Rs. 877.05					87.71					
		Add labour cess @ 1% i.e. on Rs. 964.76					9.65					
							974.41		974.41			974.41
II		Labour										

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
		Taking output	1	Each						
(i)		Lineman (1st Class)	Day	1/8	181.86	22.73				
(ii)		Mazdoor (Skilled)	Day	1/8	164.69	20.59				
(iii)		Painter (2nd Class)	Day	1/15	190.00	12.73				
		Total - II				56.05				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.56.05				0.56				
		Add contractor's profit @ 21.5% i.e. on Rs. 56.61				12.17				
		Add labour cess @ 1% i.e. on Rs. 68.78				0.69				
		Labour for	1	Each		69.47				
		Labour for	1	Each		69.47	69.47		69.47	
		Cost for	1	Each			1043.88			
		Add 10% for sub mountainous region								6.95
		Labour for	1	Each						76.42
		Cost for	1	Each						1050.83

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)		Supply and erection of G.I. pipe 50mm dia. (medium) Single arm bracket 2 metre long each arm welded with MS canopy 80mm inner dia., outer dia 89.5mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 76.1mm. The MS canopy should have 3no. holes for fixing the bracket at the top end of the pole with the help of 3nos. ½"x1½" size nut bolt of full thread. The bracket should have MS round sheet 3mm thick 90mm dia. welded with MS ring of 90mm dia and 50mm long, 1.62mm thick for covering the top end of the canopy. The MS canopy and GI bracket should be welded at tentative angel 105° (105 degree) inclination with MS sheet 5mm thick triangular in shape having dimensions 300mm x 150mm x 5mm thick with two coats of an approved aluminium paint as desired by Engineer-in-charge at site.								
		Unit :-	1	Each						
I		Materials								
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.		Metre	2.00	268.01	536.02			
(ii)		MS pipe 80mm dia. (Medium) Inner dia. 80mm and outer dia. 89.5mm		Metre	0.45	390.00	175.50			
(iii)		Nut & Bolt fully threaded size 1/2" x 1 1/2"		Each	3.00	8.00	24.00			
(iv)		MS sheet 3mm thick		Kg.	0.200	43.68	8.74			
(v)		MS sheet 1.62mm thick		Kg.	0.075	49.44	3.71			
(vi)		MS sheet 5mm thick		Kg.	2.500	43.68	109.20			
(vii)		Fabrication of GI pipe 50mm dia. (medium) single arm bracket including the cost of cutting, drilling and welding charges etc.		Each	1.00	150.00	150.00			
(viii)		Aluminium paint		Litre	0.150	180.00	27.00			
		Total - I					1034.17			
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.1034.17					10.34			
		Add contractor's profit @ 10% i.e. on Rs. 1044.51					104.45			
		Add labour cess @ 1% i.e. on Rs. 1148.96					11.49			
							1160.45			1160.45
II		Labour								
		Taking output	1	Each						
(i)		Lineman (1st Class)		Day	1/8	181.86	22.73			
(ii)		Mazdoor (Skilled)		Day	1/8	164.69	20.59			

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)		Painter (2nd Class)	Day	1/15	190.00	12.73				
		Total - II				56.05				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.56.05				0.56				
		Add contractor's profit @ 21.5% i.e. on Rs. 56.61				12.17				
		Add labour cess @ 1% i.e. on Rs. 68.78				0.69				
		Labour for 1 Each				69.47				
		Labour for 1 Each				69.47	69.47		69.47	
		Cost for 1 Each					1229.92			
		Add 10% for sub mountainous region								6.95
		Labour for 1 Each								76.42
		Cost for 1 Each								1236.87

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)		Supply and erection of G.I. pipe 50mm dia. (medium) Single arm bracket 2.5 metre long each arm welded with MS canopy 80mm inner dia., outer dia 89.5mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 76.1mm. The MS canopy should have 3no. holes for fixing the bracket at the top end of the pole with the help of 3nos. ½"x1½" size nut bolt of full thread. The bracket should have MS round sheet 3mm thick 90mm dia. welded with MS ring of 90mm dia and 50mm long, 1.62mm thick for covering the top end of the canopy. The MS canopy and GI bracket should be welded at tentative angel 105° (105 degree) inclination with MS sheet 5mm thick triangular in shape having dimensions 375mm x 150mm x 5mm thick with two coats of an approved aluminium paint as desired by Engineer-in-charge at site.									
		Unit :-	1	Each							
I		Materials									
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.		Metre	2.50	268.01	670.03				
(ii)		MS pipe 80mm dia. (Medium) Inner dia. 80mm and outer dia. 89.5mm		Metre	0.45	390.00	175.50				
(iii)		Nut & Bolt fully threaded size 1/2" x 1 1/2"		Each	3.00	8.00	24.00				
(iv)		MS sheet 3mm thick		Kg.	0.200	43.68	8.74				
(v)		MS sheet 1.62mm thick		Kg.	0.075	49.44	3.71				
(vi)		MS sheet 5mm thick		Kg.	3.125	43.68	136.50				
(vii)		Fabrication of GI pipe 50mm dia. (medium) single arm bracket including the cost of cutting, drilling and welding charges etc.		Each	1.00	150.00	150.00				
(viii)		Aluminium paint		Litre	0.175	180.00	31.50				
		Total - I					1199.98				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.1199.98					12.00				
		Add contractor's profit @ 10% i.e. on Rs. 1211.98					121.20				
		Add labour cess @ 1% i.e. on Rs. 1333.18					13.33				
							1346.51		1346.51		1346.51
II		Labour									
		Taking output	1	Each							
(i)		Lineman (1st Class)		Day	1/8	181.86	22.73				

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
(ii)		Mazdoor (Skilled)	Day	1/8	164.69	20.59				
(iii)		Painter (2nd Class)	Day	1/15	190.00	12.73				
		Total - II				56.05				
		Sundries such as uses of tools and other hidden charges etc. @1% on Rs.56.05				0.56				
		Add contractor's profit @ 21.5% i.e. on Rs. 56.61				12.17				
		Add labour cess @ 1% i.e. on Rs. 68.78				0.69				
		Labour for	1	Each		69.47				
		Labour for	1	Each		69.47	69.47	69.47		
		Cost for	1	Each			1415.98			
		Add 10% for sub mountainous region								6.95
		Labour for	1	Each						76.42
		Cost for	1	Each						1422.93

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)		Supply and erection of G.I. pipe 50mm dia. (medium) Single arm bracket 1.5 metre long each arm welded with MS canopy 125mm inner dia., outer dia 140.8mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 114.3mm. The MS canopy should have 3no. holes for fixing the bracket at the top end of the pole with the help of 3nos. ½"x1½" size nut bolt of full thread. The bracket should have MS round sheet 3mm thick 142mm dia. welded with MS ring of 142mm dia and 50mm long, 1.62mm thick for covering the top end of the canopy. The MS canopy and GI bracket should be welded at tentative angel 105° (105 degree) inclination with MS sheet 5mm thick triangular in shape having dimensions 225mm x 150mm x 5mm thick with two coats of an approved aluminium paint as desired by Engineer-in-charge at site.										
		Unit :-	1	Each								
I		Materials										
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.		Metre	1.50	268.01	402.02					
(ii)		MS pipe 125mm dia. (Medium) Inner dia. 125mm and outer dia. 140.8mm		Metre	0.45	748.80	336.96					
(iii)		Nut & Bolt fully threaded size 1/2" x 1 1/2"		Each	3.00	8.00	24.00					
(iv)		MS sheet 3mm thick		Kg.	0.250	43.68	10.92					
(v)		MS sheet 1.62mm thick		Kg.	0.100	49.44	4.94					
(vi)		MS sheet 5mm thick		Kg.	1.875	43.68	81.90					
(vii)		Fabrication of GI pipe 50mm dia. (medium) single arm bracket including the cost of cutting, drilling and welding charges etc.		Each	1.00	150.00	150.00					
(viii)		Aluminium paint		Litre	0.125	180.00	22.50					
		Total - I					1033.24					
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.1033.24					10.33					
		Add contractor's profit @ 10% i.e. on Rs. 1043.57					104.36					
		Add labour cess @ 1% i.e. on Rs. 1147.93					11.48					
							1159.41		1159.41			1159.41
II		Labour										
		Taking output	1	Each								

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
(i)		Lineman (1st Class)	Day	1/8	181.86	22.73				
(ii)		Mazdoor (Skilled)	Day	1/8	164.69	20.59				
(iii)		Painter (2nd Class)	Day	1/15	190.00	12.73				
		Total - II				56.05				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.56.05				0.56				
		Add contractor's profit @ 21.5% i.e. on Rs. 56.61				12.17				
		Add labour cess @ 1% i.e. on Rs. 68.78				0.69				
		Labour for 1 Each				69.47				
		Labour for 1 Each				69.47	69.47		69.47	
		Cost for 1 Each					1228.88			
		Add 10% for sub mountainous region								6.95
		Labour for 1 Each								76.42
		Cost for 1 Each								1235.83

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)		Supply and erection of G.I. pipe 50mm dia. (medium) Single arm bracket 2 metre long each arm welded with MS canopy 125mm inner dia., outer dia 140.8mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 114.3mm. The MS canopy should have 3no. holes for fixing the bracket at the top end of the pole with the help of 3nos. ½"x1½" size nut bolt of full thread. The bracket should have MS round sheet 3mm thick 142mm dia. welded with MS ring of 142mm dia and 50mm long, 1.62mm thick for covering the top end of the canopy. The MS canopy and GI bracket should be welded at tentative angel 105° (105 degree) inclination with MS sheet 5mm thick triangular in shape having dimensions 300mm x 150mm x 5mm thick with two coats of an approved aluminium paint as desired by Engineer-in-charge at site.										
		Unit :-	1	Each								
I		Materials										
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.		Metre	2.00	268.01	536.02					
(ii)		MS pipe 125mm dia. (Medium) Inner dia. 125mm and outer dia. 140.8mm		Metre	0.45	748.80	336.96					
(iii)		Nut & Bolt fully threaded size 1/2" x 1 1/2"		Each	3.00	8.00	24.00					
(iv)		MS sheet 3mm thick		Kg.	0.250	43.68	10.92					
(v)		MS sheet 1.62mm thick		Kg.	0.100	49.44	4.94					
(vi)		MS sheet 5mm thick		Kg.	2.500	43.68	109.20					
(vii)		Fabrication of GI pipe 50mm dia. (medium) single arm bracket including the cost of cutting, drilling and welding charges etc.		Each	1.00	150.00	150.00					
(viii)		Aluminium paint		Litre	0.150	180.00	27.00					
		Total - I					1199.04					
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.1199.04					11.99					
		Add contractor's profit @ 10% i.e. on Rs. 1211.03					121.10					
		Add labour cess @ 1% i.e. on Rs. 1332.13					13.32					
							1345.45		1345.45			1345.45
II		Labour										

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
		Taking output	1	Each						
(i)		Lineman (1st Class)	Day	1/8	181.86	22.73				
(ii)		Mazdoor (Skilled)	Day	1/8	164.69	20.59				
(iii)		Painter (2nd Class)	Day	1/15	190.00	12.73				
		Total - II				56.05				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.56.05				0.56				
		Add contractor's profit @ 21.5% i.e. on Rs. 56.61				12.17				
		Add labour cess @ 1% i.e. on Rs. 68.78				0.69				
		Labour for	1	Each		69.47				
		Labour for	1	Each		69.47	69.47		69.47	
		Cost for	1	Each			1414.92			
		Add 10% for sub mountainous region								6.95
		Labour for	1	Each						76.42
		Cost for	1	Each						1421.87

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

(vi)		Supply and erection of G.I. pipe 50mm dia. (medium) Single arm bracket 2.5 metre long each arm welded with MS canopy 125mm inner dia., outer dia 140.8mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 114.3mm. The MS canopy should have 3nos. holes for fixing the bracket at the top end of the pole with the help of 3nos. ½"x1½" size nut bolt of full thread. The bracket should have MS round sheet 3mm thick 142mm dia. welded with MS ring of 142mm dia and 50mm long, 1.62mm thick for covering the top end of the canopy. The MS canopy and GI bracket should be welded at tentative angel 105° (105 degree) inclination with MS sheet 5mm thick triangular in shape having dimensions 375mm x 150mm x 5mm thick with two coats of an approved aluminium paint as desired by Engineer-in-charge at site.										
		Unit :-	1	Each								
I		Materials										
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.		Metre	2.50	268.01	670.03					
(ii)		MS pipe 125mm dia. (Medium) Inner dia. 125mm and outer dia. 140.8mm		Metre	0.45	748.80	336.96					
(iii)		Nut & Bolt fully threaded size 1/2" x 1 1/2"		Each	3.00	8.00	24.00					
(iv)		MS sheet 3mm thick		Kg.	0.250	43.68	10.92					
(v)		MS sheet 1.62mm thick		Kg.	0.100	49.44	4.94					
(vi)		MS sheet 5mm thick		Kg.	3.125	43.68	136.50					
(vii)		Fabrication of GI pipe 50mm dia. (medium) single arm bracket including the cost of cutting, drilling and welding charges etc.		Each	1.00	150.00	150.00					
(viii)		Aluminium paint		Litre	0.175	180.00	31.50					
		Total - I					1364.85					
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.1364.85					13.65					
		Add contractor's profit @ 10% i.e. on Rs. 1378.5					137.85					
		Add labour cess @ 1% i.e. on Rs. 1516.35					15.16					
							1531.51		1531.51			1531.51

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		Labour								
		Taking output	1	Each						
(i)		Lineman (1st Class)	Day	1/8	181.86	22.73				
(ii)		Mazdoor (Skilled)	Day	1/8	164.69	20.59				
(iii)		Painter (2nd Class)	Day	1/15	190.00	12.73				
		Total - II				56.05				
		Sundries such as uses of tools and other hidden charges etc. @1% on Rs.56.05				0.56				
		Add contractor's profit @ 21.5% i.e. on Rs. 56.61				12.17				
		Add labour cess @ 1% i.e. on Rs. 68.78				0.69				
		Labour for	1	Each		69.47				
		Labour for	1	Each		69.47	69.47		69.47	
		Cost for	1	Each			1600.98			
		Add 10% for sub mountainous region								6.95
		Labour for	1	Each						76.42
		Cost for	1	Each						1607.93

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

DOUBLE ARM BRACKETS:

(vii)		Supply and erection of G.I. pipe 50mm dia. (medium) Double arm bracket 1.5 metre long each arm welded with MS canopy 80mm inner dia., outer dia 89.5mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 76.1mm. The MS canopy should have 3no. holes for fixing the bracket at the top end of the pole with the help of 3nos. ½"x1½" size nut bolt of full thread. The bracket should have MS round sheet 3mm thick 90mm dia. welded with MS ring of 90mm dia and 50mm long, 1.62mm thick for covering the top end of the canopy. The MS canopy and GI bracket should be welded at tentative angel 105° (105 degree) inclination with MS sheet 5mm thick triangular in shape having dimensions 225mm x 150mm x 5mm thick with two coats of an approved aluminium paint as desired by Engineer-in-charge at site.										
		Unit :-	1	Each								
I		Materials										
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.		Metre	3.00	268.01	804.03					
(ii)		MS pipe 80mm dia. (Medium) Inner dia. 80mm and outer dia. 89.5mm		Metre	0.45	390.00	175.50					
(iii)		Nut & Bolt fully threaded size 1/2" x 1 1/2"		Each	3.00	8.00	24.00					
(iv)		MS sheet 3mm thick		Kg.	0.200	43.68	8.74					
(v)		MS sheet 1.62mm thick		Kg.	0.075	49.44	3.71					
(vi)		MS sheet 5mm thick		Kg.	3.750	43.68	163.80					
(vii)		Fabrication of GI pipe 50mm dia. (medium) double arm bracket including the cost of cutting, drilling and welding charges etc.		Each	1.00	260.00	260.00					
(viii)		Aluminium paint		Litre	0.225	180.00	40.50					
		Total - I					1480.28					
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.1480.28					14.80					
		Add contractor's profit @ 10% i.e. on Rs. 1495.08					149.51					

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
		Add labour cess @ 1% i.e. on Rs. 1644.59				16.45				
						1661.04	1661.04			1661.04
II		Labour								
		Taking output	1	Each						
(i)		Lineman (1st Class)	Day	1/6	181.86	30.37				
(ii)		Mazdoor (Skilled)	Day	1/6	164.69	27.50				
(iii)		Painter (2nd Class)	Day	1/10	190.00	19.00				
		Total - II				76.87				
		Sundries such as uses of tools and other hidden charges etc. @1% on Rs.76.87				0.77				
		Add contractor's profit @ 21.5% i.e. on Rs. 77.64				16.69				
		Add labour cess @ 1% i.e. on Rs. 94.33				0.94				
		Labour for	1	Each		95.27				
		Labour for	1	Each		95.27	95.27		95.27	
		Cost for	1	Each			1756.31			
		Add 10% for sub mountainous region								9.53
		Labour for	1	Each						104.80
		Cost for	1	Each						1765.84

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)		Supply and erection of G.I. pipe 50mm dia. (medium) Double arm bracket 2 metre long each arm welded with MS canopy 80mm inner dia., outer dia 89.5mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 76.1mm. The MS canopy should have 3no. holes for fixing the bracket at the top end of the pole with the help of 3nos. ½"x1½" size nut bolt of full thread. The bracket should have MS round sheet 3mm thick 90mm dia. welded with MS ring of 90mm dia and 50mm long, 1.62mm thick for covering the top end of the canopy. The MS canopy and GI bracket should be welded at tentative angel 105° (105 degree) inclination with MS sheet 5mm thick triangular in shape having dimensions 300mm x 150mm x 5mm thick with two coats of an approved aluminium paint as desired by Engineer-in-charge at site.										
		Unit :-	1	Each								
I		Materials										
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.		Metre	4.00	268.01	1072.04					
(ii)		MS pipe 80mm dia. (Medium) Inner dia. 80mm and outer dia. 89.5mm		Metre	0.45	390.00	175.50					
(iii)		Nut & Bolt fully threaded size 1/2" x 1 1/2"		Each	3.00	8.00	24.00					
(iv)		MS sheet 3mm thick		Kg.	0.200	43.68	8.74					
(v)		MS sheet 1.62mm thick		Kg.	0.075	49.44	3.71					
(vi)		MS sheet 5mm thick		Kg.	5.000	43.68	218.40					
(vii)		Fabrication of GI pipe 50mm dia. (medium) double arm bracket including the cost of cutting, drilling and welding charges etc.		Each	1.00	260.00	260.00					
(viii)		Aluminium paint		Litre	0.275	180.00	49.50					
		Total - I					1811.89					
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.1811.89					18.12					
		Add contractor's profit @ 10% i.e. on Rs. 1830.01					183.00					
		Add labour cess @ 1% i.e. on Rs. 2013.01					20.13					

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
								2033.14	2033.14			2033.14
II		Labour										
		Taking output	1	Each								
(i)		Lineman (1st Class)			Day	1/6	181.86	30.37				
(ii)		Mazdoor (Skilled)			Day	1/6	164.69	27.50				
(iii)		Painter (2nd Class)			Day	1/10	190.00	19.00				
		Total - II						76.87				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.76.87						0.77				
		Add contractor's profit @ 21.5% i.e. on Rs. 77.64						16.69				
		Add labour cess @ 1% i.e. on Rs. 94.33						0.94				
		Labour for	1	Each				95.27				
		Labour for	1	Each				95.27	95.27	95.27		
		Cost for	1	Each					2128.41			
		Add 10% for sub mountainous region										9.53
		Labour for	1	Each								104.80
		Cost for	1	Each								2137.94

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)		Supply and erection of G.I. pipe 50mm dia. (medium) Double arm bracket 2.5 metre long each arm welded with MS canopy 80mm inner dia., outer dia 89.5mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 76.1mm. The MS canopy should have 3no. holes for fixing the bracket at the top end of the pole with the help of 3nos. ½"x1½" size nut bolt of full thread. The bracket should have MS round sheet 3mm thick 90mm dia. welded with MS ring of 90mm dia and 50mm long, 1.62mm thick for covering the top end of the canopy. The MS canopy and GI bracket should be welded at tentative angel 105° (105 degree) inclination with MS sheet 5mm thick triangular in shape having dimensions 375mm x 150mm x 5mm thick with two coats of an approved aluminium paint as desired by Engineer-in-charge at site.										
		Unit :-	1	Each								
I		Materials										
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.		Metre	5.00	268.01	1340.05					
(ii)		MS pipe 80mm dia. (Medium) Inner dia. 80mm and outer dia. 89.5mm		Metre	0.45	390.00	175.50					
(iii)		Nut & Bolt fully threaded size 1/2" x 1 1/2"		Each	3.00	8.00	24.00					
(iv)		MS sheet 3mm thick		Kg.	0.200	43.68	8.74					
(v)		MS sheet 1.62mm thick		Kg.	0.075	49.44	3.71					
(vi)		MS sheet 5mm thick		Kg.	6.250	43.68	273.00					
(vii)		Fabrication of GI pipe 50mm dia. (medium) double arm bracket including the cost of cutting, drilling and welding charges etc.		Each	1.00	260.00	260.00					
(viii)		Aluminium paint		Litre	0.325	180.00	58.50					
		Total - I					2143.50					
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.2143.5					21.44					
		Add contractor's profit @ 10% i.e. on Rs. 2164.94					216.49					

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
		Add labour cess @ 1% i.e. on Rs. 2381.43				23.81				
						2405.24	2405.24			2405.24
II		Labour								
		Taking output	1	Each						
(i)		Lineman (1st Class)	Day	1/6	181.86	30.37				
(ii)		Mazdoor (Skilled)	Day	1/6	164.69	27.50				
(iii)		Painter (2nd Class)	Day	1/10	190.00	19.00				
		Total - II				76.87				
		Sundries such as uses of tools and other hidden charges etc. @1% on Rs.76.87				0.77				
		Add contractor's profit @ 21.5% i.e. on Rs. 77.64				16.69				
		Add labour cess @ 1% i.e. on Rs. 94.33				0.94				
		Labour for	1	Each		95.27				
		Labour for	1	Each		95.27	95.27	95.27		
		Cost for	1	Each			2500.51			
		Add 10% for sub mountainous region								9.53
		Labour for	1	Each						104.80
		Cost for	1	Each						2510.04

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)		Supply and erection of G.I. pipe 50mm dia. (medium) Double arm bracket 1.5 metre long each arm welded with MS canopy 125mm inner dia., outer dia 140.8mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 114.3mm. The MS canopy should have 3no. holes for fixing the bracket at the top end of the pole with the help of 3nos. ½"x1½" size nut bolt of full thread. The bracket should have MS round sheet 3mm thick 142mm dia. welded with MS ring of 142mm dia and 50mm long, 1.62mm thick for covering the top end of the canopy. The MS canopy and GI bracket should be welded at tentative angel 105° (105 degree) inclination with MS sheet 5mm thick triangular in shape having dimensions 225mm x 150mm x 5mm thick with two coats of an approved aluminium paint as desired by Engineer-in-charge at site.										
		Unit :-	1	Each								
I		Materials										
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.		Metre	3.00	268.01	804.03					
(ii)		MS pipe 125mm dia. (Medium) Inner dia. 125mm and outer dia. 140.8mm		Metre	0.45	748.80	336.96					
(iii)		Nut & Bolt fully threaded size 1/2" x 1 1/2"		Each	3.00	8.00	24.00					
(iv)		MS sheet 3mm thick		Kg.	0.250	43.68	10.92					
(v)		MS sheet 1.62mm thick		Kg.	0.100	49.44	4.94					
(vi)		MS sheet 5mm thick		Kg.	3.750	43.68	163.80					
(vii)		Fabrication of GI pipe 50mm dia. (medium) double arm bracket including the cost of cutting, drilling and welding charges etc.		Each	1.00	260.00	260.00					
(viii)		Aluminium paint		Litre	0.225	180.00	40.50					
		Total - I					1645.15					
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.1645.15					16.45					

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
		Add contractor's profit @ 10% i.e. on Rs. 1661.6				166.16				
		Add labour cess @ 1% i.e. on Rs. 1827.76				18.28				
						1846.04	1846.04			1846.04
II		Labour								
		Taking output	1	Each						
(i)		Lineman (1st Class)	Day	1/6	181.86	30.37				
(ii)		Mazdoor (Skilled)	Day	1/6	164.69	27.50				
(iii)		Painter (2nd Class)	Day	1/10	190.00	19.00				
		Total - II				76.87				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.76.87				0.77				
		Add contractor's profit @ 21.5% i.e. on Rs. 77.64				16.69				
		Add labour cess @ 1% i.e. on Rs. 94.33				0.94				
		Labour for	1	Each		95.27				
		Labour for	1	Each		95.27	95.27	95.27		
		Cost for	1	Each			1941.31			
		Add 10% for sub mountainous region								9.53
		Labour for	1	Each						104.80
		Cost for	1	Each						1950.84

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)		Supply and erection of G.I. pipe 50mm dia. (medium) Double arm bracket 2 metre long each arm welded with MS canopy 125mm inner dia., outer dia 140.8mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 114.3mm. The MS canopy should have 3no. holes for fixing the bracket at the top end of the pole with the help of 3nos. ½"x1½" size nut bolt of full thread. The bracket should have MS round sheet 3mm thick 142mm dia. welded with MS ring of 142mm dia and 50mm long, 1.62mm thick for covering the top end of the canopy. The MS canopy and GI bracket should be welded at tentative angel 105° (105 degree) inclination with MS sheet 5mm thick triangular in shape having dimensions 300mm x 150mm x 5mm thick with two coats of an approved aluminium paint as desired by Engineer-in-charge at site.										
		Unit :-	1	Each								
I		Materials										
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.		Metre	4.00	268.01	1072.04					
(ii)		MS pipe 125mm dia. (Medium) Inner dia. 125mm and outer dia. 140.8mm		Metre	0.45	748.80	336.96					
(iii)		Nut & Bolt fully threaded size 1/2" x 1 1/2"		Each	3.00	8.00	24.00					
(iv)		MS sheet 3mm thick		Kg.	0.250	43.68	10.92					
(v)		MS sheet 1.62mm thick		Kg.	0.100	49.44	4.94					
(vi)		MS sheet 5mm thick		Kg.	5.000	43.68	218.40					
(vii)		Fabrication of GI pipe 50mm dia. (medium) double arm bracket including the cost of cutting, drilling and welding charges etc.		Each	1.00	260.00	260.00					
(viii)		Aluminium paint		Litre	0.275	180.00	49.50					
		Total - I					1976.76					

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
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.1976.76				19.77				
		Add contractor's profit @ 10% i.e. on Rs. 1996.53				199.65				
		Add labour cess @ 1% i.e. on Rs. 2196.18				21.96				
						2218.14	2218.14			2218.14
II		Labour								
		Taking output	1	Each						
(i)		Lineman (1st Class)	Day	1/6	181.86	30.37				
(ii)		Mazdoor (Skilled)	Day	1/6	164.69	27.50				
(iii)		Painter (2nd Class)	Day	1/10	190.00	19.00				
		Total - II				76.87				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.76.87				0.77				
		Add contractor's profit @ 21.5% i.e. on Rs. 77.64				16.69				
		Add labour cess @ 1% i.e. on Rs. 94.33				0.94				
		Labour for	1	Each		95.27				
		Labour for	1	Each		95.27	95.27	95.27		
		Cost for	1	Each			2313.41			
		Add 10% for sub mountainous region								9.53
		Labour for	1	Each						104.80
		Cost for	1	Each						2322.94

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)		Supply and erection of G.I. pipe 50mm dia. (medium) Double arm bracket 2.5 metre long each arm welded with MS canopy 125mm inner dia., outer dia 140.8mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 114.3mm. The MS canopy should have 3no. holes for fixing the bracket at the top end of the pole with the help of 3nos. ½"x1½" size nut bolt of full thread. The bracket should have MS round sheet 3mm thick 142mm dia. welded with MS ring of 142mm dia and 50mm long, 1.62mm thick for covering the top end of the canopy. The MS canopy and GI bracket should be welded at tentative angel 105° (105 degree) inclination with MS sheet 5mm thick triangular in shape having dimensions 375mm x 150mm x 5mm thick with two coats of an approved aluminium paint as desired by Engineer-in-charge at site.											
		Unit :-	1	Each									
I		Materials											
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.		Metre	5.00	268.01	1340.05						
(ii)		MS pipe 125mm dia. (Medium) Inner dia. 125mm and outer dia. 140.8mm		Metre	0.45	748.80	336.96						
(iii)		Nut & Bolt fully threaded size 1/2" x 1 1/2"		Each	3.00	8.00	24.00						
(iv)		MS sheet 3mm thick		Kg.	0.250	43.68	10.92						
(v)		MS sheet 1.62mm thick		Kg.	0.100	49.44	4.94						
(vi)		MS sheet 5mm thick		Kg.	6.250	43.68	273.00						
(vii)		Fabrication of GI pipe 50mm dia. (medium) double arm bracket including the cost of cutting, drilling and welding charges etc.		Each	1.00	260.00	260.00						
(viii)		Aluminium paint		Litre	0.325	180.00	58.50						

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
		Total - I				2308.37				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.2308.37				23.08				
		Add contractor's profit @ 10% i.e. on Rs. 2331.45				233.15				
		Add labour cess @ 1% i.e. on Rs. 2564.6				25.65				
						2590.25	2590.25			2590.25
II		Labour								
		Taking output	1	Each						
(i)		Lineman (1st Class)	Day	1/6	181.86	30.37				
(ii)		Mazdoor (Skilled)	Day	1/6	164.69	27.50				
(iii)		Painter (2nd Class)	Day	1/10	190.00	19.00				
		Total - II				76.87				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.76.87				0.77				
		Add contractor's profit @ 21.5% i.e. on Rs. 77.64				16.69				
		Add labour cess @ 1% i.e. on Rs. 94.33				0.94				
		Labour for	1	Each		95.27				
		Labour for	1	Each		95.27	95.27	95.27		
		Cost for	1	Each			2685.52			
		Add 10% for sub mountainous region								9.53
		Labour for	1	Each						104.80
		Cost for	1	Each						2695.05

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

TRIPLE ARM BRACKETS:

(xiii)		Supply and erection of G.I. pipe 50mm dia. (medium) Triple arm bracket 1.5 metre long each arm welded with MS canopy 80mm inner dia., outer dia 89.5mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 76.1mm. The MS canopy should have 3no. holes for fixing the bracket at the top end of the pole with the help of 3nos. ½"x1½" size nut bolt of full thread. The bracket should have MS round sheet 3mm thick 90mm dia. welded with MS ring of 90mm dia and 50mm long, 1.62mm thick for covering the top end of the canopy. The MS canopy and GI bracket should be welded at tentative angel 105° (105 degree) inclination with MS sheet 5mm thick triangular in shape having dimensions 225mm x 150mm x 5mm thick with two coats of an approved aluminium paint as desired by Engineer-in-charge at site.										
		Unit :-	1	Each								
I		Materials										
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.		Metre	4.50	268.01	1206.05					
(ii)		MS pipe 80mm dia. (Medium) Inner dia. 80mm and outer dia. 89.5mm		Metre	0.45	390.00	175.50					
(iii)		Nut & Bolt fully threaded size 1/2" x 1 1/2"		Each	3.00	8.00	24.00					
(iv)		MS sheet 3mm thick		Kg.	0.200	43.68	8.74					
(v)		MS sheet 1.62mm thick		Kg.	0.075	49.44	3.71					
(vi)		MS sheet 5mm thick		Kg.	5.625	43.68	245.70					

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
(vii)		Fabrication of GI pipe triple arm bracket including the cost of cutting, drilling and welding charges etc.	Each	1.00	370.00	370.00				
(viii)		Aluminium paint	Litre	0.325	180.00	58.50				
		Total - I				2092.20				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.2092.2				20.92				
		Add contractor's profit @ 10% i.e. on Rs. 2113.12				211.31				
		Add labour cess @ 1% i.e. on Rs. 2324.43				23.24				
						2347.67	2347.67			2347.67
II		Labour								
		Taking output	1	Each						
(i)		Lineman (1st Class)	Day	1/5	181.86	36.37				
(ii)		Mazdoor (Skilled)	Day	1/5	164.69	32.94				
(iii)		Painter (2nd Class)	Day	1/8	190.00	23.75				
		Total - II				93.06				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.93.06				0.93				
		Add contractor's profit @ 21.5% i.e. on Rs. 93.99				20.21				
		Add labour cess @ 1% i.e. on Rs. 114.2				1.14				
		Labour for	1	Each		115.34				
		Labour for	1	Each		115.34	115.34		115.34	
		Cost for	1	Each			2463.01			
		Add 10% for sub mountainous region								11.53
		Labour for	1	Each						126.87
		Cost for	1	Each						2474.54

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

(xiv)		Supply and erection of G.I. pipe 50mm dia. (medium) Triple arm bracket 2 metre long each arm welded with MS canopy 80mm inner dia., outer dia 89.5mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 76.1mm. The MS canopy should have 3no. holes for fixing the bracket at the top end of the pole with the help of 3nos. ½"x1½" size nut bolt of full thread. The bracket should have MS round sheet 3mm thick 90mm dia. welded with MS ring of 90mm dia and 50mm long, 1.62mm thick for covering the top end of the canopy. The MS canopy and GI bracket should be welded at tentative angel 105° (105 degree) inclination with MS sheet 5mm thick triangular in shape having dimensions 300mm x 150mm x 5mm thick with two coats of an approved aluminium paint as desired by Engineer-in-charge at site.										
		Unit :-	1	Each								
I		Materials										
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.		Metre	6.00	268.01	1608.06					
(ii)		MS pipe 80mm dia. (Medium) Inner dia. 80mm and outer dia. 89.5mm		Metre	0.45	390.00	175.50					
(iii)		Nut & Bolt fully threaded size 1/2" x 1 1/2"		Each	3.00	8.00	24.00					
(iv)		MS sheet 3mm thick		Kg.	0.200	43.68	8.74					
(v)		MS sheet 1.62mm thick		Kg.	0.075	49.44	3.71					
(vi)		MS sheet 5mm thick		Kg.	7.500	43.68	327.60					

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)		Fabrication of GI pipe triple arm bracket including the cost of cutting, drilling and welding charges etc.	Each	1.00	370.00	370.00				
(viii)		Aluminium paint	Litre	0.400	180.00	72.00				
		Total - I				2589.61				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.2589.61				25.90				
		Add contractor's profit @ 10% i.e. on Rs. 2615.51				261.55				
		Add labour cess @ 1% i.e. on Rs. 2877.06				28.77				
						2905.83	2905.83			2905.83
II		Labour								
		Taking output	1	Each						
(i)		Lineman (1st Class)	Day	1/5	181.86	36.37				
(ii)		Mazdoor (Skilled)	Day	1/5	164.69	32.94				
(iii)		Painter (2nd Class)	Day	1/8	190.00	23.75				
		Total - II				93.06				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.93.06				0.93				
		Add contractor's profit @ 21.5% i.e. on Rs. 93.99				20.21				
		Add labour cess @ 1% i.e. on Rs. 114.2				1.14				
		Labour for	1	Each		115.34				
		Labour for	1	Each		115.34	115.34		115.34	
		Cost for	1	Each			3021.17			
		Add 10% for sub mountainous region								11.53
		Labour for	1	Each						126.87
		Cost for	1	Each						3032.70

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

(xv)		Supply and erection of G.I. pipe 50mm dia. (medium) Triple arm bracket 2.5 metre long each arm welded with MS canopy 80mm inner dia., outer dia 89.5mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 76.1mm. The MS canopy should have 3no. holes for fixing the bracket at the top end of the pole with the help of 3nos. ½"x1½" size nut bolt of full thread. The bracket should have MS round sheet 3mm thick 90mm dia. welded with MS ring of 90mm dia and 50mm long, 1.62mm thick for covering the top end of the canopy. The MS canopy and GI bracket should be welded at tentative angel 105° (105 degree) inclination with MS sheet 5mm thick triangular in shape having dimensions 375mm x 150mm x 5mm thick with two coats of an approved aluminium paint as desired by Engineer-in-charge at site.											
		Unit :-	1	Each									
I		Materials											
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.			Metre	7.50	268.01	2010.08					
(ii)		MS pipe 80mm dia. (Medium) Inner dia. 80mm and outer dia. 89.5mm			Metre	0.45	390.00	175.50					
(iii)		Nut & Bolt fully threaded size 1/2" x 1 1/2"			Each	3.00	8.00	24.00					
(iv)		MS sheet 3mm thick			Kg.	0.200	43.68	8.74					
(v)		MS sheet 1.62mm thick			Kg.	0.075	49.44	3.71					

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)		MS sheet 5mm thick			Kg.	9.375	43.68	409.50				
(vii)		Fabrication of GI pipe triple arm bracket including the cost of cutting, drilling and welding charges etc.			Each	1.00	370.00	370.00				
(viii)		Aluminium paint			Litre	0.475	180.00	85.50				
		Total - I						3087.03				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.3087.03						30.87				
		Add contractor's profit @ 10% i.e. on Rs. 3117.9						311.79				
		Add labour cess @ 1% i.e. on Rs. 3429.69						34.30				
								3463.99	3463.99			3463.99
II		Labour										
		Taking output	1	Each								
(i)		Lineman (1st Class)			Day	1/6	181.86	30.31				
(ii)		Mazdoor (Skilled)			Day	1/6	164.69	27.45				
(iii)		Painter (2nd Class)			Day	1/10	190.00	19.00				
		Total - II						76.76				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.76.76						0.77				
		Add contractor's profit @ 21.5% i.e. on Rs. 77.53						16.67				
		Add labour cess @ 1% i.e. on Rs. 94.2						0.94				
		Labour for	1	Each				95.14				
		Labour for	1	Each				95.14	95.14	95.14		
		Cost for	1	Each					3559.13			
		Add 10% for sub mountainous region										9.51
		Labour for	1	Each								104.65
		Cost for	1	Each								3568.64

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

(xvi)		Supply and erection of G.I. pipe 50mm dia. (medium) Triple arm bracket 1.5 metre long each arm welded with MS canopy 125mm inner dia., outer dia 140.8mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 114.3mm. The MS canopy should have 3no. holes for fixing the bracket at the top end of the pole with the help of 3nos. ½"x1½" size nut bolt of full thread. The bracket should have MS round sheet 3mm thick 142mm dia. welded with MS ring of 142mm dia and 50mm long, 1.62mm thick for covering the top end of the canopy. The MS canopy and GI bracket should be welded at tentative angel 105° (105 degree) inclination with MS sheet 5mm thick triangular in shape having dimensions 225mm x 150mm x 5mm thick with two coats of an approved aluminium paint as desired by Engineer-in-charge at site.											
		Unit :-	1	Each									
I		Materials											
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.		Metre	4.50	268.01	1206.05						
(ii)		MS pipe 125mm dia. (Medium) Inner dia. 125mm and outer dia. 140.8mm		Metre	0.45	748.80	336.96						
(iii)		Nut & Bolt fully threaded size 1/2" x 1 1/2"		Each	3.00	8.00	24.00						
(iv)		MS sheet 3mm thick		Kg.	0.250	43.68	10.92						

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)		MS sheet 1.62mm thick	Kg.	0.100	49.44	4.94				
(vi)		MS sheet 5mm thick	Kg.	5.625	43.68	245.70				
(vii)		Fabrication of GI pipe triple arm bracket including the cost of cutting, drilling and welding charges etc.	Each	1.00	370.00	370.00				
(viii)		Aluminium paint	Litre	0.325	180.00	58.50				
		Total - I				2257.07				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.2257.07				22.57				
		Add contractor's profit @ 10% i.e. on Rs. 2279.64				227.96				
		Add labour cess @ 1% i.e. on Rs. 2507.6				25.08				
						2532.68	2532.68			2532.68
II		Labour								
		Taking output	1	Each						
(i)		Lineman (1st Class)	Day	1/5	181.86	36.37				
(ii)		Mazdoor (Skilled)	Day	1/5	164.69	32.94				
(iii)		Painter (2nd Class)	Day	1/8	190.00	23.75				
		Total - II				93.06				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.93.06				0.93				
		Add contractor's profit @ 21.5% i.e. on Rs. 93.99				20.21				
		Add labour cess @ 1% i.e. on Rs. 114.2				1.14				
		Labour for	1	Each		115.34				
		Labour for	1	Each		115.34	115.34		115.34	
		Cost for	1	Each			2648.02			
		Add 10% for sub mountainous region								11.53
		Labour for	1	Each						126.87
		Cost for	1	Each						2659.55

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

(xvii)		Supply and erection of G.I. pipe 50mm dia. (medium) Triple arm bracket 2 metre long each arm welded with MS canopy 125mm inner dia., outer dia 140.8mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 114.3mm. The MS canopy should have 3no. holes for fixing the bracket at the top end of the pole with the help of 3nos. ½"x1½" size nut bolt of full thread. The bracket should have MS round sheet 3mm thick 142mm dia. welded with MS ring of 142mm dia and 50mm long, 1.62mm thick for covering the top end of the canopy. The MS canopy and GI bracket should be welded at tentative angel 105° (105 degree) inclination with MS sheet 5mm thick triangular in shape having dimensions 300mm x 150mm x 5mm thick with two coats of an approved aluminium paint as desired by Engineer-in-charge at site.											
		Unit :-	1	Each									
I		Materials											
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.		Metre	6.00	268.01	1608.06						
(ii)		MS pipe 125mm dia. (Medium) Inner dia. 125mm and outer dia. 140.8mm		Metre	0.45	748.80	336.96						
(iii)		Nut & Bolt fully threaded size 1/2" x 1 1/2"		Each	3.00	8.00	24.00						

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
(iv)		MS sheet 3mm thick	Kg.	0.250	43.68	10.92				
(v)		MS sheet 1.62mm thick	Kg.	0.100	49.44	4.94				
(vi)		MS sheet 5mm thick	Kg.	7.500	43.68	327.60				
(vii)		Fabrication of GI pipe triple arm bracket including the cost of cutting, drilling and welding charges etc.	Each	1.00	370.00	370.00				
(viii)		Aluminium paint	Litre	0.400	180.00	72.00				
		Total - I				2754.48				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.2754.48				27.54				
		Add contractor's profit @ 10% i.e. on Rs. 2782.02				278.20				
		Add labour cess @ 1% i.e. on Rs. 3060.22				30.60				
						3090.82	3090.82			3090.82
II		Labour								
		Taking output	1	Each						
(i)		Lineman (1st Class)	Day	1/5	181.86	36.37				
(ii)		Mazdoor (Skilled)	Day	1/5	164.69	32.94				
(iii)		Painter (2nd Class)	Day	1/8	190.00	23.75				
		Total - II				93.06				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.93.06				0.93				
		Add contractor's profit @ 21.5% i.e. on Rs. 93.99				20.21				
		Add labour cess @ 1% i.e. on Rs. 114.2				1.14				
		Labour for	1	Each		115.34				
		Labour for	1	Each		115.34	115.34		115.34	
		Cost for	1	Each			3206.16			
		Add 10% for sub mountainous region								11.53
		Labour for	1	Each						126.87
		Cost for	1	Each						3217.69

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

(xviii)		Supply and erection of G.I. pipe 50mm dia. (medium) Triple arm bracket 2.5 metre long each arm welded with MS canopy 125mm inner dia., outer dia 140.8mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 114.3mm. The MS canopy should have 3no. holes for fixing the bracket at the top end of the pole with the help of 3nos. ½"x1½" size nut bolt of full thread. The bracket should have MS round sheet 3mm thick 142mm dia. welded with MS ring of 142mm dia and 50mm long, 1.62mm thick for covering the top end of the canopy. The MS canopy and GI bracket should be welded at tentative angel 105° (105 degree) inclination with MS sheet 5mm thick triangular in shape having dimensions 375mm x 150mm x 5mm thick with two coats of an approved aluminium paint as desired by Engineer-in-charge at site.											
		Unit :-	1	Each									
I		Materials											
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.			Metre	7.50	268.01	2010.08					
(ii)		MS pipe 125mm dia. (Medium) Inner dia. 125mm and outer dia. 140.8mm			Metre	0.45	748.80	336.96					

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)		Nut & Bolt fully threaded size 1/2" x 1 1/2"	Each	3.00	8.00	24.00				
(iv)		MS sheet 3mm thick	Kg.	0.250	43.68	10.92				
(v)		MS sheet 1.62mm thick	Kg.	0.100	49.44	4.94				
(vi)		MS sheet 5mm thick	Kg.	9.375	43.68	409.50				
(vii)		Fabrication of GI pipe triple arm bracket including the cost of cutting, drilling and welding charges etc.	Each	1.00	370.00	370.00				
(viii)		Aluminium paint	Litre	0.475	180.00	85.50				
		Total - I				3251.90				
		Sundries such as carriage of material and other hidden charges etc. @1% on Rs.3251.9				32.52				
		Add contractor's profit @ 10% i.e. on Rs. 3284.42				328.44				
		Add labour cess @ 1% i.e. on Rs. 3612.86				36.13				
						3648.99	3648.99			3648.99
II		Labour								
		Taking output	1	Each						
(i)		Lineman (1st Class)	Day	1/5	181.86	36.37				
(ii)		Mazdoor (Skilled)	Day	1/5	164.69	32.94				
(iii)		Painter (2nd Class)	Day	1/8	190.00	23.75				
		Total - II				93.06				
		Sundries such as uses of tools and other hidden charges etc. @1% on Rs.93.06				0.93				
		Add contractor's profit @ 21.5% i.e. on Rs. 93.99				20.21				
		Add labour cess @ 1% i.e. on Rs. 114.2				1.14				
		Labour for	1	Each		115.34				
		Labour for	1	Each		115.34	115.34		115.34	
		Cost for	1	Each			3764.33			
		Add 10% for sub mountainous region								11.53
		Labour for	1	Each						126.87
		Cost for	1	Each						3775.86

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

FOUR ARM BRACKETS:

(xix)		Supply and erection of G.I. pipe 50mm dia. (medium) Four arm bracket 1.5 metre long each arm welded with MS canopy 125mm inner dia., outer dia 140.8mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 114.3mm. The MS canopy should have 3no. holes for fixing the bracket at the top end of the pole with the help of 3nos. ½"x1½" size nut bolt of full thread. The bracket should have MS round sheet 3mm thick 142mm dia. welded with MS ring of 142mm dia and 50mm long, 1.62mm thick for covering the top end of the canopy. The MS canopy and GI bracket should be welded at tentative angel 105° (105 degree) inclination with MS sheet 5mm thick triangular in shape having dimensions 225mm x 150mm x 5mm thick with two coats of an approved aluminium paint as desired by Engineer-in-charge at site.											
		Unit :-	1	Each									
I		Materials											
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.			Metre	6.00	268.01	1608.06					

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)		MS pipe 125mm dia. (Medium) Inner dia. 125mm and outer dia. 140.8mm	Metre	0.45	748.80	336.96				
(iii)		Nut & Bolt fully threaded size 1/2" x 1 1/2"	Each	3.00	8.00	24.00				
(iv)		MS sheet 3mm thick	Kg.	0.250	43.68	10.92				
(v)		MS sheet 1.62mm thick	Kg.	0.100	49.44	4.94				
(vi)		MS sheet 5mm thick	Kg.	7.500	43.68	327.60				
(vii)		Fabrication of GI pipe four arm bracket including the cost of cutting, drilling and welding charges etc.	Each	1.00	480.00	480.00				
(viii)		Aluminium paint	Litre	0.425	180.00	76.50				
		Total - I				2868.98				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.2868.98				28.69				
		Add contractor's profit @ 10% i.e. on Rs. 2897.67				289.77				
		Add labour cess @ 1% i.e. on Rs. 3187.44				31.87				
						3219.31	3219.31			3219.31
II		Labour								
		Taking output	1	Each						
(i)		Lineman (1st Class)	Day	1/4	181.86	45.47				
(ii)		Mazdoor (Skilled)	Day	1/4	164.69	41.17				
(iii)		Painter (2nd Class)	Day	1/6	190.00	31.73				
		Total - II				118.37				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.118.37				1.18				
		Add contractor's profit @ 21.5% i.e. on Rs. 119.55				25.70				
		Add labour cess @ 1% i.e. on Rs. 145.25				1.45				
		Labour for	1	Each		146.70				
		Labour for	1	Each		146.70	146.70	146.70		
		Cost for	1	Each			3366.01			
		Add 10% for sub mountainous region								14.67
		Labour for	1	Each						161.37
		Cost for	1	Each						3380.68

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

(xx)		Supply and erection of G.I. pipe 50mm dia. (medium) Four arm bracket 2 metre long each arm welded with MS canopy 125mm inner dia., outer dia 140.8mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 114.3mm. The MS canopy should have 3no. holes for fixing the bracket at the top end of the pole with the help of 3nos. ½"x1½" size nut bolt of full thread. The bracket should have MS round sheet 3mm thick 142mm dia. welded with MS ring of 142mm dia and 50mm long, 1.62mm thick for covering the top end of the canopy. The MS canopy and GI bracket should be welded at tentative angel 105° (105 degree) inclination with MS sheet 5mm thick triangular in shape having dimensions 300mm x 150mm x 5mm thick with two coats of an approved aluminium paint as desired by Engineer-in-charge at site.											
		Unit :-	1	Each									
I		Materials											
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.			Metre	8.00	268.01	2144.08					

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)		MS pipe 125mm dia. (Medium) Inner dia. 125mm and outer dia. 140.8mm	Metre	0.45	748.80	336.96				
(iii)		Nut & Bolt fully threaded size 1/2" x 1 1/2"	Each	3.00	8.00	24.00				
(iv)		MS sheet 3mm thick	Kg.	0.250	43.68	10.92				
(v)		MS sheet 1.62mm thick	Kg.	0.100	49.44	4.94				
(vi)		MS sheet 5mm thick	Kg.	10.000	43.68	436.80				
(vii)		Fabrication of GI pipe four arm bracket including the cost of cutting, drilling and welding charges etc.	Each	1.00	480.00	480.00				
(viii)		Aluminium paint	Litre	0.525	180.00	94.50				
		Total - I				3532.20				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.3532.2				35.32				
		Add contractor's profit @ 10% i.e. on Rs. 3567.52				356.75				
		Add labour cess @ 1% i.e. on Rs. 3924.27				39.24				
						3963.51	3963.51			3963.51
II		Labour								
		Taking output	1	Each						
(i)		Lineman (1st Class)	Day	1/4	181.86	45.47				
(ii)		Mazdoor (Skilled)	Day	1/4	164.69	41.17				
(iii)		Painter (2nd Class)	Day	1/6	190.00	31.73				
		Total - II				118.37				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.118.37				1.18				
		Add contractor's profit @ 21.5% i.e. on Rs. 119.55				25.70				
		Add labour cess @ 1% i.e. on Rs. 145.25				1.45				
		Labour for	1	Each		146.70				
		Labour for	1	Each		146.70	146.70	146.70		
		Cost for	1	Each			4110.21			
		Add 10% for sub mountainous region								14.67
		Labour for	1	Each						161.37
		Cost for	1	Each						4124.88

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

(xxi)		Supply and erection of G.I. pipe 50mm dia. (medium) Four arm bracket 2.5 metre long each arm welded with MS canopy 125mm inner dia., outer dia 140.8mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 114.3mm. The MS canopy should have 3no. holes for fixing the bracket at the top end of the pole with the help of 3nos. ½"x1½" size nut bolt of full thread. The bracket should have MS round sheet 3mm thick 142mm dia. welded with MS ring of 142mm dia and 50mm long, 1.62mm thick for covering the top end of the canopy. The MS canopy and GI bracket should be welded at tentative angel 105° (105 degree) inclination with MS sheet 5mm thick triangular in shape having dimensions 375mm x 150mm x 5mm thick with two coats of an approved aluminium paint as desired by Engineer-in-charge at site.											
		Unit :-	1	Each									
I		Materials											

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
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.	Metre	10.00	268.01	2680.10				
(ii)		MS pipe 125mm dia. (Medium) Inner dia. 125mm and outer dia. 140.8mm	Metre	0.45	748.80	336.96				
(iii)		Nut & Bolt fully threaded size 1/2" x 1 1/2"	Each	3.00	8.00	24.00				
(iv)		MS sheet 3mm thick	Kg.	0.250	43.68	10.92				
(v)		MS sheet 1.62mm thick	Kg.	0.100	49.44	4.94				
(vi)		MS sheet 5mm thick	Kg.	12.500	43.68	546.00				
(vii)		Fabrication of GI pipe four arm bracket including the cost of cutting, drilling and welding charges etc.	Each	1.00	480.00	480.00				
(viii)		Aluminium paint	Litre	0.625	180.00	112.50				
		Total - I				4195.42				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.4195.42				41.95				
		Add contractor's profit @ 10% i.e. on Rs. 4237.37				423.74				
		Add labour cess @ 1% i.e. on Rs. 4661.11				46.61				
						4707.72	4707.72			4707.72
II		Labour								
		Taking output	1	Each						
(i)		Lineman (1st Class)	Day	1/4	181.86	45.47				
(ii)		Mazdoor (Skilled)	Day	1/4	164.69	41.17				
(iii)		Painter (2nd Class)	Day	1/6	190.00	31.73				
		Total - II				118.37				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.118.37				1.18				
		Add contractor's profit @ 21.5% i.e. on Rs. 119.55				25.70				
		Add labour cess @ 1% i.e. on Rs. 145.25				1.45				
		Labour for	1	Each		146.70				
		Labour for	1	Each		146.70	146.70	146.70		
		Cost for	1	Each			4854.42			
		Add 10% for sub mountainous region								14.67
		Labour for	1	Each						161.37
		Cost for	1	Each						4869.09

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

SIX ARM BRACKETS:

(xxii)		Supply and erection of G.I. pipe 50mm dia. (medium) Six arm bracket 1.5 metre long each arm welded with MS canopy 125mm inner dia., outer dia 140.8mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 114.3mm. The MS canopy should have 3no. holes for fixing the bracket at the top end of the pole with the help of 3nos. ½"x1½" size nut bolt of full thread. The bracket should have MS round sheet 3mm thick 142mm dia. welded with MS ring of 142mm dia and 50mm long, 1.62mm thick for covering the top end of the canopy. The MS canopy and GI bracket should be welded at tentative angel 105° (105 degree) inclination with MS sheet 5mm thick triangular in shape having dimensions 225mm x 150mm x 5mm thick with two coats of an approved aluminium paint as desired by Engineer-in-charge at site.										
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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
		Unit :- 1 Each								
I		Materials								
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.	Metre	9.00	268.01	2412.09				
(ii)		MS pipe 125mm dia. (Medium) Inner dia. 125mm and outer dia. 140.8mm	Metre	0.45	748.80	336.96				
(iii)		Nut & Bolt fully threaded size 1/2" x 1 1/2"	Each	3.00	8.00	24.00				
(iv)		MS sheet 3mm thick	Kg.	0.250	43.68	10.92				
(v)		MS sheet 1.62mm thick	Kg.	0.100	49.44	4.94				
(vi)		MS sheet 5mm thick	Kg.	11.250	43.68	491.40				
(vii)		Fabrication of GI pipe six arm bracket including the cost of cutting, drilling and welding charges etc.	Each	1.00	700.00	700.00				
(viii)		Aluminium paint	Litre	0.625	180.00	112.50				
		Total - I				4092.81				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.4092.81				40.93				
		Add contractor's profit @ 10% i.e. on Rs. 4133.74				413.37				
		Add labour cess @ 1% i.e. on Rs. 4547.11				45.47				
						4592.58	4592.58			4592.58
II		Labour								
		Taking output 1 Each								
(i)		Lineman (1st Class)	Day	1/2	181.86	90.93				
(ii)		Mazdoor (Skilled)	Day	1/2	164.69	82.35				
(iii)		Painter (2nd Class)	Day	1/4	190.00	47.50				
		Total - II				220.78				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.220.78				2.21				
		Add contractor's profit @ 21.5% i.e. on Rs. 222.99				47.94				
		Add labour cess @ 1% i.e. on Rs. 270.93				2.71				
		Labour for 1 Each				273.64				
		Labour for 1 Each				273.64	273.64		273.64	
		Cost for 1 Each					4866.22			
		Add 10% for sub mountainous region								27.36
		Labour for 1 Each								301.00
		Cost for 1 Each								4893.58

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

(xxiii)		Supply and erection of G.I. pipe 50mm dia. (medium) Six arm bracket 2 metre long each arm welded with MS canopy 125mm inner dia., outer dia 140.8mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 114.3mm. The MS canopy should have 3no. holes for fixing the bracket at the top end of the pole with the help of 3nos. ½"x1½" size nut bolt of full thread. The bracket should have MS round sheet 3mm thick 142mm dia. welded with MS ring of 142mm dia and 50mm long, 1.62mm thick for covering the top end of the canopy. The MS canopy and GI bracket should be welded at tentative angel 105° (105 degree) inclination with MS sheet 5mm thick triangular in shape having dimensions 300mm x 150mm x 5mm thick with two coats of an approved aluminium paint as desired by Engineer-in-charge at site.												
		Unit :-	1	Each										

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
I		Materials								
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.	Metre	12.00	268.01	3216.12				
(ii)		MS pipe 125mm dia. (Medium) Inner dia. 125mm and outer dia. 140.8mm	Metre	0.45	748.80	336.96				
(iii)		Nut & Bolt fully threaded size 1/2" x 1 1/2"	Each	3.00	8.00	24.00				
(iv)		MS sheet 3mm thick	Kg.	0.250	43.68	10.92				
(v)		MS sheet 1.62mm thick	Kg.	0.100	49.44	4.94				
(vi)		MS sheet 5mm thick	Kg.	15.000	43.68	655.20				
(vii)		Fabrication of GI pipe six arm bracket including the cost of cutting, drilling and welding charges etc.	Each	1.00	700.00	700.00				
(viii)		Aluminium paint	Litre	0.775	180.00	139.50				
		Total - I				5087.64				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.5087.64				50.88				
		Add contractor's profit @ 10% i.e. on Rs. 5138.52				513.85				
		Add labour cess @ 1% i.e. on Rs. 5652.37				56.52				
						5708.89	5708.89			5708.89
II		Labour								
		Taking output	1	Each						
(i)		Lineman (1st Class)	Day	1/2	181.86	90.93				
(ii)		Mazdoor (Skilled)	Day	1/2	164.69	82.35				
(iii)		Painter (2nd Class)	Day	1/4	190.00	47.50				
		Total - II				220.78				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.220.78				2.21				
		Add contractor's profit @ 21.5% i.e. on Rs. 222.99				47.94				
		Add labour cess @ 1% i.e. on Rs. 270.93				2.71				
		Labour for	1	Each		273.64				
		Labour for	1	Each		273.64	273.64		273.64	
		Cost for	1	Each			5982.53			
		Add 10% for sub mountainous region								27.36
		Labour for	1	Each						301.00
		Cost for	1	Each						6009.89

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

(xiv)		Supply and erection of G.I. pipe 50mm dia. (medium) Six arm bracket 2.5 metre long each arm welded with MS canopy 125mm inner dia., outer dia 140.8mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 114.3mm. The MS canopy should have 3no. holes for fixing the bracket at the top end of the pole with the help of 3nos. ½"x1½" size nut bolt of full thread. The bracket should have MS round sheet 3mm thick 142mm dia. welded with MS ring of 142mm dia and 50mm long, 1.62mm thick for covering the top end of the canopy. The MS canopy and GI bracket should be welded at tentative angel 105° (105 degree) inclination with MS sheet 5mm thick triangular in shape having dimensions 375mm x 150mm x 5mm thick with two coats of an approved aluminium paint as desired by Engineer-in-charge at site.										
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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
		Unit :- 1 Each								
I		Materials								
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.	Metre	15.00	268.01	4020.15				
(ii)		MS pipe 125mm dia. (Medium) Inner dia. 125mm and outer dia. 140.8mm	Metre	0.45	748.80	336.96				
(iii)		Nut & Bolt fully threaded size 1/2" x 1 1/2"	Each	3.00	8.00	24.00				
(iv)		MS sheet 3mm thick	Kg.	0.250	43.68	10.92				
(v)		MS sheet 1.62mm thick	Kg.	0.100	49.44	4.94				
(vi)		MS sheet 5mm thick	Kg.	18.750	43.68	819.00				
(vii)		Fabrication of GI pipe six arm bracket including the cost of cutting, drilling and welding charges etc.	Each	1.00	700.00	700.00				
(viii)		Aluminium paint	Litre	0.925	180.00	166.50				
		Total - I				6082.47				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.6082.47				60.82				
		Add contractor's profit @ 10% i.e. on Rs. 6143.29				614.33				
		Add labour cess @ 1% i.e. on Rs. 6757.62				67.58				
						6825.20	6825.20			6825.20
II		Labour								
		Taking output 1 Each								
(i)		Lineman (1st Class)	Day	1/2	181.86	90.93				
(ii)		Mazdoor (Skilled)	Day	1/2	164.69	82.35				
(iii)		Painter (2nd Class)	Day	1/4	190.00	47.50				
		Total - II				220.78				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.220.78				2.21				
		Add contractor's profit @ 21.5% i.e. on Rs. 222.99				47.94				
		Add labour cess @ 1% i.e. on Rs. 270.93				2.71				
		Labour for 1 Each				273.64				
		Labour for 1 Each				273.64	273.64		273.64	
		Cost for 1 Each					7098.84			
		Add 10% for sub mountainous region								27.36
		Labour for 1 Each								301.00
		Cost for 1 Each								7126.20

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

ROUND BRACKET OF 5' (5 FEET) DIA. :

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
(xxv)		Supply and erection of G.I. pipe 50mm dia. (medium) Round bracket to make a ring of 5'(5 feet) dia. (1.52 metre long) with 3nos. inclined member 3' (3 feet) long welded with MS canopy 125mm inner dia., outer dia 140.8mm (medium), 450mm long suitable for 3 stepped steel tubular swaged and welded pole with top outer section dia. 114.3mm. The MS canopy should have 3no. holes for fixing the bracket at the top end of the pole with the help of 3nos. ½"x1½" size nut bolt of full thread. The bracket should have MS round sheet 3mm thick 142mm dia. welded with MS ring of 142mm dia and 50mm long, 1.62mm thick for covering the top end of the canopy. The MS canopy and GI bracket should be welded at an angel according to the size of ring inclination with MS sheet 5mm thick triangular in shape having dimensions 375mm x 150mm x 5mm thick with two coats of an approved aluminium paint as desired by Engineer-in-charge at site.								
		Unit :-	1	Each						
I		Materials								
(i)		Galvanized iron pipe 50mm dia. (B Class) Weight 5.03Kg. per mtr.	Metre	7.93	268.01	2125.32				
(ii)		MS pipe 125mm dia. (Medium) Inner dia. 125mm and outer dia. 140.8mm	Metre	0.45	748.80	336.96				
(iii)		Nut & Bolt fully threaded size 1/2" x 1 1/2"	Each	3.00	8.00	24.00				
(iv)		MS sheet 3mm thick	Kg.	0.250	43.68	10.92				
(v)		MS sheet 1.62mm thick	Kg.	0.100	49.44	4.94				
(vi)		MS sheet 5mm thick	Kg.	9.375	43.68	409.50				
(vii)		Fabrication of GI pipe five feet dia. round bracket including the cost of cutting, drilling and welding charges etc.	Each	1.00	800.00	800.00				
(viii)		Aluminium paint	Litre	0.475	180.00	85.50				
		Total - I				3797.14				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.3797.14				37.97				
		Add contractor's profit @ 10% i.e. on Rs. 3835.11				383.51				
		Add labour cess @ 1% i.e. on Rs. 4218.62				42.19				
						4260.81	4260.81			4260.81
II		Labour								
		Taking output	1	Each						
(i)		Lineman (1st Class)	Day	1/2	181.86	90.93				
(ii)		Mazdoor (Skilled)	Day	1/2	164.69	82.35				
(iii)		Painter (2nd Class)	Day	1/6	190.00	31.73				
		Total - II				205.01				

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
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.205.01				2.05				
		Add contractor's profit @ 21.5% i.e. on Rs. 207.06				44.52				
		Add labour cess @ 1% i.e. on Rs. 251.58				2.52				
		Labour for 1 Each				254.10				
		Labour for 1 Each				254.10	254.10		254.10	
		Cost for 1 Each					4514.91			
		Add 10% for sub mountainous region								25.41
		Labour for 1 Each								279.51
		Cost for 1 Each								4540.32

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
D		Supply and erection of G.I. pipe along the pole fixed with 2 nos. MS flat clamp of size 50mm x 6mm thick for prtoection of under ground cables (upto 3 metre in length)								
(i)		Galvanized iron pipe 50mm dia. (A class)								
		Unit :- 1 Each								
I		Materials								
(i)		Galvanized iron pipe 50mm dia. (A class)	Metre	3.00	247.40	742.20				
(ii)		Aluminium paint	Litre	0.20	180.00	36.00				
		Total - I				778.20				
		Sundries such as carriage of material and other hidden charges etc.@1% on Rs.778.2				7.78				
		Add contractor's profit @ 10% i.e. on Rs. 785.98				78.60				
		Add labour cess @ 1% i.e. on Rs. 864.58				8.65				
						873.23	873.23			873.23
II		Labour								
		Taking output 1 Each								
(i)		Lineman (1st Class)	Day	1/6	181.86	30.31				
(ii)		Brick layer (2nd Class)	Day	1/6	190.00	31.67				
(iii)		Mazdoor (Skilled)	Day	1/6	164.69	54.90				
		Total - II				116.88				
		Sundries such as uses of tools and other hidden charges etc.@1% on Rs.116.88				1.17				
		Add contractor's profit @ 21.5% i.e. on Rs. 118.05				25.38				
		Add labour cess @ 1% i.e. on Rs. 143.43				1.43				
		Labour for 1 Each				144.86				
		Labour for 1 Each				144.86	144.86	144.86		
		Cost for 1 Each					1018.09			
		Add 10% for sub mountainous region								14.49
		Labour for 1 Each								159.35
		Cost for 1 Each								1032.58