

ANALYSIS OF RATE FOR AAC,AAAC & ACSR CONDUCTORS.

1.01 Supply,Erection,Testing & Commissioning of 1 km of 16 sqmm Gnat conductor.					
Sl.No	Particular	Qty	Unit	Rate	Amount
1	16sqmm Gnat conductor	1	km	14,163.27	14163.27
A				Total	14163.27
B Centages					
	Cartage 10% on A				1416.327
	Profit 10% on A				1416.327
				Total	2832.653
C Details of Labour required for erection,testing.					
Sl.No	Particulars of Labour	Rate/Day	No.of person/day	No. of day	Amount
1	Highly Skilled Labour	319	1	1.5	478.5
2	Skilled labour	275	1	1.6	440
3	Semi Skilled Labour	242	2	1.4	677.6
4	Unskilled Labour	220	2	1.2	528
					2124.1
D RATE (A+B+C)					19120.02

1.02 Supply,Erection,Testing & Commissioning of 1 km of 40 sqmm Bird conductor.					
Sl.No	Particular	Qty	Unit	Rate	Amount
1	25 sqmm Bird conductor	1	km	24,084.90	24084.9
A				Total	24084.9
B Centages					
	Cartage 10% on A				2408.49
	Profit 10% on A				2408.49
				Total	4816.98
C Details of Labour required for erection,testing.					
Sl.No	Particulars of Labour	Rate/Day	No.of person/day	No. of day	Amount
1	Highly Skilled Labour	319	2	1.5	957
2	Skilled labour	275	3	1.54	1270.5
3	Semi Skilled Labour	242	3	1	726
4	Unskilled Labour	220	3	1	660
					3613.5
D RATE (A+B+C)					32515.38

1.03 Supply,erection,testing & commissioning of 1 km of 30 sqmm Ant conductor.					
Sl.No	Particular	Qty	Unit	Rate	Amount
1	30sqmm Ant conductor	1	km	29,848.98	29848.98
A				Total	29848.98
B Centages					
	Cartage 10% on A				2984.898
	Profit 10% on A				2984.898
				Total	5969.796
C Details of Labour required for erection,testing.					
Sl.No	Particulars of Labour	Rate/Day	No.of person/day	No. of day	Amount
1	Highly Skilled Labour	319	2	1.5	957
2	Skilled labour	275	3	1.7	1402.5
3	Semi Skilled Labour	242	3	1.6	1161.6
4	Unskilled Labour	220	3	1.448	955.68
					4476.78
D RATE (A+B+C)					40295.56

1.04 Supply,erection,testing & commissioning of 1 km of 40sqmm Fly conductor.

Sl.No	Particular	Qty	Unit	Rate	Amount
1	40sqmm Fly conductor	1	km	35,818.78	35818.78

A Total **35818.78**

B Centages

	Cartage 10% on A				3581.878
	Profit 10% on A				3581.878
				Total	7163.755

C Details of Labour required for erection,testing.

Sl.No	Particulars of Labour	Rate/Day	No.of person/day	No. of day	Amount
1	Highly Skilled Labour	319	2	1.49	950.62
2	Skilled labour	275	3	2	1650
3	Semi Skilled Labour	242	3	2	1452
4	Unskilled Labour	220	3	2	1320

5372.62

D RATE (A+B+C) **48355.15**

1.05 Supply,erection,testing & commissioning of 1 km of 45 sqmm Blue Bottle conduct

Sl.No	Particular	Qty	Unit	Rate	Amount
1	45sqmm Bluebottle conductor	1	km	41,376.33	41376.33

A Total **41376.33**

B Centages

	Cartage 10% on A				4137.633
	Profit 10% on A				4137.633
				Total	8275.265

C Details of Labour required for erection,testing.

Sl.No	Particulars of Labour	Rate/Day	No.of person/day	No. of day	Amount
1	Highly Skilled Labour	319	2	2.4	1531.2
2	Skilled labour	275	3	2.3	1897.5
3	Semi Skilled Labour	242	3	2	1452
4	Unskilled Labour	220	3	2.01	1326.6

6207.3

D RATE (A+B+C) **55858.89**

1.06 Supply,erection,testing & commissioning of 1 km of 50 sqmm Grasshopper condu

Sl.No	Particular	Qty	Unit	Rate	Amount
1	50 sqmm Grasshopper conductor	1	km	47,346.12	47346.12

A Total **47346.12**

B Centages

	Cartage 10% on A				4734.612
	Profit 10% on A				4734.612
				Total	9469.224

C Details of Labour required for erection,testing.

Sl.No	Particulars of Labour	Rate/Day	No.of person/day	No. of day	Amount
1	Highly Skilled Labour	319	2	2.1	1339.8
2	Skilled labour	275	3	3	2475
3	Semi Skilled Labour	242	3	2	1452
4	Unskilled Labour	220	3	2.78	1834.8

7101.6

D RATE (A+B+C) **63916.95**

1.07 Supply,erection,testing & commissioning of 1 km of 65 sqmm Wasp conductor.

Sl.No	Particular	Qty	Unit	Rate	Amount
1	65sqmm Wasp conductor	1	km	59,885.71	59885.71
				Total	59885.71

B Centages

	Cartage 10% on A				5988.571
	Profit 10% on A				5988.571
				Total	11977.14

C Details of Labour required for erection,testing.

Sl.No	Particulars of Labour	Rate/Day	No.of person/day	No. of day	Amount
1	Highly Skilled Labour	319	2	3.5	2233
2	Skilled labour	275	3	3.142	2592.15
3	Semi Skilled Labour	242	3	3	2178
4	Unskilled Labour	220	3	3	1980
					8983.15

D RATE (A+B+C)

80846.01

1.08 Supply,erection,testing & commissioning of 1 km of 34 sqmm Weasel AAA condu

Sl.No	Particular	Qty	Unit	Rate	Amount
1	34 sqmm Weasel conductor	1	km	16,413.06	16413.06
				Total	16413.06

B Centages

	Cartage 10% on A				1641.306
	Profit 10% on A				1641.306
				Total	3282.612

C Details of Labour required for erection,testing.

Sl.No	Particulars of Labour	Rate/Day	No.of person/day	No. of day	Amount
1	Highly Skilled Labour	319	2	1.11	708.18
2	Skilled labour	275	2	1.51	830.5
3	Semi Skilled Labour	242	2	1	484
4	Unskilled Labour	220	2	1	440
					2462.68

D RATE (A+B+C)

22158.35

1.09 Supply,erection,testing & commissioning of 1 km of 55 sqmm Rabbit AAA conductor.

Sl.No	Particular	Qty	Unit	Rate	Amount
1	55 sqmm Rabbit conductor	1	km	27,549.39	27549.39
				Total	27549.39

B Centages

	Cartage 10% on A				2754.939
	Profit 10% on A				2754.939
				Total	5509.878

C Details of Labour required for erection,testing.

Sl.No	Particulars of Labour	Rate/Day	No.of person/day	No. of day	Amount
1	Highly Skilled Labour	319	2	2	1276
2	Skilled labour	275	2	2.6	1430
3	Semi Skilled Labour	242	2	2	968
4	Unskilled Labour	220	2	1.043	458.92
					4132.92

D RATE (A+B+C)

37192.19

1.1 Supply,erection,testing & commissioning of 1 km of 80sqmm Racocon conductor.

Sl.No	Particular	Qty	Unit	Rate	Amount
1	80 sqmm Racocon conductor	1	km	36,969.80	36969.8
				Total	36969.8

B Centages

	Cartage 10% on A				3696.98
	Profit 10% on A				3696.98
				Total	7393.959

C Details of Labour required for erection,testing.

Sl.No	Particulars of Labour	Rate/Day	No.of person/day	No. of day	Amount
1	Highly Skilled Labour	319	2	2	1276
2	Skilled labour	275	3	2	1650
3	Semi Skilled Labour	242	3	2	1452
4	Unskilled Labour	220	3	1.768	1166.88
					5544.88

D RATE (A+B+C)

49908.64

1.2 Supply,erection,testing & commissioning of 1 km of 100sqmm Dog conductor.

Sl.No	Particular	Qty	Unit	Rate	Amount
1	100sqmm Dog conductor	1	km	45,941.22	45941.22
				Total	45941.22

B Centages

	Cartage 10% on A				4594.122
	Profit 10% on A				4594.122
				Total	9188.245

C Details of Labour required for erection,testing.

Sl.No	Particulars of Labour	Rate/Day	No.of person/day	No. of day	Amount
1	Highly Skilled Labour	319	2	2.5	1595
2	Skilled labour	275	3	2.62	2161.5
3	Semi Skilled Labour	242	3	2.5	1815
4	Unskilled Labour	220	3	2	1320
					6891.5

D RATE (A+B+C)

62020.97

1.3 Supply,erection,testing & commissioning of 1 km of 20 sqmm Squirrel ACSR conductor.

Sl.No	Particular	Qty	Unit	Rate	Amount
1	20sqmm Squirrel conductor	1	km	14,160.00	14160
				Total	14160

B Centages

	Cartage 10% on A				1416
	Profit 10% on A				1416
				Total	2832

C Details of Labour required for erection,testing.

Sl.No	Particulars of Labour	Rate/Day	No.of person/day	No. of day	Amount
1	Highly Skilled Labour	319	1	1	319
2	Skilled labour	275	2	1.162	639.1
3	Semi Skilled Labour	242	3	1	726
4	Unskilled Labour	220	2	1	440
					2124.1

D RATE (A+B+C)

19116.1

1.4 Supply,erection,testing & commissioning of 1 km of 30sqmm Weasel conductor.

Sl.No	Particular	Qty	Unit	Rate	Amount
1	30sqmm Weasel conductor	1	km	21,284.08	21284.08

A Total **21284.08**

B Centages

	Cartage 10% on A				2128.408
	Profit 10% on A				2128.408
				Total	4256.816

C Details of Labour required for erection,testing.

Sl.No	Particulars of Labour	Rate/Day	No.of person/day	No. of day	Amount
1	Highly Skilled Labour	319	3	1	957
2	Skilled labour	275	3	1.16	957
3	Semi Skilled Labour	242	2	1	484
4	Unskilled Labour	220	3	1.204	794.64

3192.64

D RATE (A+B+C)

28733.54

1.5 Supply,erection,testing & commissioning of 1 km of 50 sqmm Rabbit ACSR conductor.

Sl.No	Particular	Qty	Unit	Rate	Amount
1	50sqmm Rabbit conductor	1	km	35,587.76	35587.76

A

Total **35587.76**

B Centages

	Cartage 10% on A				3558.776
	Profit 10% on A				3558.776
				Total	7117.551

C Details of Labour required for erection,testing.

Sl.No	Particulars of Labour	Rate/Day	No.of person/day	No. of day	Amount
1	Highly Skilled Labour	319	2	2	1276
2	Skilled labour	275	3	2	1650
3	Semi Skilled Labour	242	3	1.95	1415.7
4	Unskilled Labour	220	3	1.51	996.6

5338.3

D RATE (A+B+C)

48043.61

1.6 Supply,erection,testing & commissioning of 1 km of sq60 mm Mink ACSR conductor.

Sl.No	Particular	Qty	Unit	Rate	Amount
1	60sqmm MINK conductor	1	km	42,393.47	42393.47

A

Total **42393.47**

B Centages

	Cartage 10% on A				4239.347
	Profit 10% on A				4239.347
				Total	8478.694

C Details of Labour required for erection,testing.

Sl.No	Particulars of Labour	Rate/Day	No.of person/day	No. of day	Amount
1	Highly Skilled Labour	319	2	2	1276
2	Skilled labour	275	3	2.5	2062.5
3	Semi Skilled Labour	242	3	2.187	1587.762
4	Unskilled Labour	220	3	2.17	1432.2

6358.462

D RATE (A+B+C)

57230.63

1.7 Supply,erection,testing & commissioning of 1 km of 70sqmm Beaver ACSR conductor

Sl.No	Particular	Qty	Unit	Rate	Amount
1	70sqmm Beaver conductor	1	km	50,372.24	50372.24

A

Total **50372.24**

B Centages

	Cartage 10% on A				5037.224
	Profit 10% on A				5037.224
				Total	10074.45

C Details of Labour required for erection,testing.

Sl.No	Particulars of Labour	Rate/Day	No.of person/day	No. of day	Amount
1	Highly Skilled Labour	319	2	3	1914
2	Skilled labour	275	3	3	2475
3	Semi Skilled Labour	242	3	2.544	1846.944
4	Unskilled Labour	220	3	2	1320
					7555.944

D RATE (A+B+C)

68002.64

1.8 Supply,erection,testing & commissioning of 1 km of 80 sqmm Racocon ACSR condonductor

Sl.No	Particular	Qty	Unit	Rate	Amount
1	80sqmm Racocon conductor	1	km	52,867.76	52867.76
				Total	52867.76

B Centages

	Cartage 10% on A				5286.776
	Profit 10% on A				5286.776
				Total	10573.55

C Details of Labour required for erection,testing.

Sl.No	Particulars of Labour	Rate/Day	No.of person/day	No. of day	Amount
1	Highly Skilled Labour	319	2	3	1914
2	Skilled labour	275	3	3	2475
3	Semi Skilled Labour	242	3	3	2178
4	Unskilled Labour	220	3	2.065	1362.9
					7929.9

D RATE (A+B+C)

71371.21

1.9 Supply,erection,testing & commissioning of 1 km of 100sqmm DOG conductor.

Sl.No	Particular	Qty	Unit	Rate	Amount
1	100sqmm Dog conductor	1	km	68,617.96	68617.96
				Total	68617.96

B Centages

	Cartage 10% on A				6861.796
	Profit 10% on A				6861.796
				Total	13723.59

C Details of Labour required for erection,testing.

Sl.No	Particulars of Labour	Rate/Day	No.of person/day	No. of day	Amount
1	Highly Skilled Labour	319	3	3.48	3330.36
2	Skilled labour	275	3	3.4	2805
3	Semi Skilled Labour	242	3	3	2178
4	Unskilled Labour	220	3	3	1980
					10293.36

D RATE (A+B+C)

92634.91

1.91 Supply,erection,testing & commissioning of 1 km of 150 sqmm Wolf conductor.

Sl.No	Particular	Qty	Unit	Rate	Amount
1	150sqmm Wolf conductor	1	km	1,13,531.43	113531.4
				Total	113531.4

B Centages

	Cartage 10% on A				11353.14
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	Profit 10% on A				11353.14
				Total	22706.29

C Details of Labour required for erection,testing.

Sl.No	Particulars of Labour	Rate/Day	No.of person/day	No. of day	Amount
1	Highly Skilled Labour	319	4	4.5	5742
2	Skilled labour	275	4	4.5	4950
3	Semi Skilled Labour	242	4	3.82	3697.76
4	Unskilled Labour	220	4	3	2640
					17029.76

D RATE (A+B+C)

153267.5

1.92 Supply,erection,testing & commissioning of 1 km of 200 sqmm Panther conductor.

Sl.No	Particular	Qty	Unit	Rate	Amount
1	200sqmm Panther conductor	1	km	1,49,711.84	149711.8
				Total	149711.8

B Centages

	Cartage 10% on A				14971.18
	Profit 10% on A				14971.18
				Total	29942.37

C Details of Labour required for erection,testing.

Sl.No	Particulars of Labour	Rate/Day	No.of person/day	No. of day	Amount
1	Highly Skilled Labour	319	5	5	7975
2	Skilled labour	275	5	5	6875
3	Semi Skilled Labour	242	4	4.2	4065.6
4	Unskilled Labour	220	4	4.024	3541.12
					22456.72

D RATE (A+B+C)

202110.9

1.93 Supply,erection,testing & commissioning of 1 km of 400 sqmm Zebra conductor.

Sl.No	Particular	Qty	Unit	Rate	Amount
1	16sqmm Gnat conductor	1	km	1,80,081.63	180081.6
				Total	180081.6

B Centages

	Cartage 10% on A				18008.16
	Profit 10% on A				18008.16
				Total	36016.33

C Details of Labour required for erection,testing.

Sl.No	Particulars of Labour	Rate/Day	No.of person/day	No. of day	Amount
1	Highly Skilled Labour	319	4	5	6380
2	Skilled labour	275	5	5.8	7975
3	Semi Skilled Labour	242	5	5.915	7157.15
4	Unskilled Labour	220	5	5	5500
					27012.15

D RATE (A+B+C)

243110.1

2124.49

3612.735

4,477.35

5,372.82

or.

6,206.45

ictor.

7,101.92

8,982.86

ctor.

2,461.96

4,132.41

5,545.47

6,891.18

2,124.00

3,192.61

5,338.16

6,359.02

7,555.84

7,930.16

10,292.69

17,029.71

22,456.78

27,012.24