

		PAYMENT MADE THROUGH EFT/RTGS								
NORTH CENTRAL RAILWAY		ELECTRICAL DEPARTMENT								
Bill No.,AGC/DY/CEE/C/T/05/08/10 dated 27.07.15			10th & FINAL BILL							
Name and Address of Contractor:-M/s Kailash Electricals, S-1 Bishambhar Dham, Opp Suraj Hospital, 117/N/52, KakaDev, Kanpur-208025										
Name of work:- Design, Supply,erection, testing and commissioning of 25KV , AC OHE 50 Hz in connection with remodelling of the yard at Agra Cantt.										
Authority for work:-DY.CEE (C) AGC				C.A.NO.JHS/DY.CEE/C/T/05/08 dt. 19.01.09						
	Work done upto		07.11.14			Bank Name : Union Bank of india Kaushalpur, Kanpur				
1	Date of commencement		17.11.08							
2	Date of completion		16.8.09			IFS Code : UBIN0543586				
3	Date of actual completion		31.1.15			A/c No. 43580401021095				
4	Date of extension		31.07.15			PAN No. AAIPC0351Q				
5	Date of measurement		25.07.15			TIN 09145600201				
		Qty. SOR/ Rev.	Unit	SOR Rate		Quantity		Total Amount		% of
				Material	Erection	since last certificate	Upto date as per MB	Upto date	Since last bill	
1	2	3	5	6	7	8	9	10	11	12
1(a)	Preparation of designs and drawings for overhead equipment and verification of purchaser's pegging plan.	6.23	Km	0	3242	0	6	9726.00	0.00	50% of E
						0	6	7780.80	0.00	40% of S
						0	6	1945.20	1945.20	10% of S
2	Concrete for foundation.					0.23	0.23	745.66	745.66	100% of S
2(b)	In other than hard soil .	401.40	Cum (S)	1058	270	0	114.304	108840.27	0.00	90% of S
			(E)			0	114.304	27775.87	0.00	90% of E
						0	156.000	148543.20	0.00	90% of S
						0	156.000	37908.00	0.00	90% of E
						0	79.696	75886.53	0.00	90% of S
						0	79.696	19366.13	0.00	90% of E
						0.00	51.40	48943.08	0.00	90% of S
						0.00	51.40	12490.20	0.00	90% of E
						401.40	401.40	42468.12	42468.12	10% of S
						401.40	401.40	10837.80	10837.80	10% of E
3 (b) (ii)	Supply & erection of galvanized structure steel i.eTraction Mast fabricated and gantry mast. (including 50%extra for manual erection)	43.497	Ton (S)	18611	685.5	0	27.526	409829.11	0.00	80% of S
						0	9.017	16781.54	0.00	10% of S
		33.161	(E)			0	10.671	6583.47	0.00	90% of E
						0	2.474	41439.25	0.00	90% of S
						0	2.474	1526.33	0.00	90% of E
						0	5.071	9437.64	0.00	10% of S
						0	10.000	167499.00	0.00	90% of S
						0	15.071	9298.05	0.00	90% of E
						0	13.438	25009.46	0.00	10% of S
						0	11.784	7270.14	0.00	90% of E
						0	-6.839	-4219.32	0.00	90% of E
							40	74444.00	74444.00	10% of S
							33.161	2273.19	2273.19	10% of E
						3.497	3.497	65082.67	65082.67	100% of S
3 (b) (iii)	Supply & manual erection of fabricated steel work other than masts.	33.384	Ton	20158	2313	0	15.841	255458.30	0.00	80% of S
						0	4	8063.20	0.00	10% of S
		32.682	(E)			0	4	8326.80	0.00	90% of E
						0	4.159	75453.41	0.00	90% of S

						0	4.159	8657.79	0.00	90% of E
						0	10.352	20867.56	0.00	10% of S
						0	10.352	21549.76	0.00	90% of E
						0	1.489	3001.53	0.00	10% of S
						0	1.489	3099.65	0.00	90% of E
						0	13.384	242815.20	0.00	90% of S
						0	12.682	26400.12	0.00	90% of E
							33.384	67295.47	67295.47	10% of S
							32.682	7559.35	7559.35	10% of E
3(e)	Supply & erection of guy rod assembly.	39	Each	1951	226	0	40	62432.00	0.00	80% of S
						0	8	1560.80	0.00	10% of S
			(E)			0	8	1627.20	0.00	90% of E
						0	3	585.30	0.00	10% of S
						0	3	610.20	0.00	90% of E
						0	14	2731.40	0.00	10% of S
						0	14	2847.60	0.00	90% of E
						0	6	1170.60	0.00	10% of S
						0	6	1220.40	0.00	90% of E
						0	8	1560.80	0.00	10% of S
						0	8	1627.20	0.00	90% of E
						-1	-1	-1560.80	-1560.80	80% of S
						0	39	7608.90	7608.90	10% of S
						0	39	881.40	881.40	10% of E
3(i)	Supply & erection of caution boards.	4	Each	63	20	0	4	226.80	0.00	90% of S
						0	4	72.00	0.00	90% of E
						0	4	25.20	25.20	10% of S
						0	4	8.00	8.00	10% of E
4(a) i	Supply and erection of a single bracket assembly for conventional type OHE.	166	Each	4600	198	0	100	368000	0	80% of S
						0	25	11500	0	10% of S
			(E)			0	25	4455	0	90% of E
						0	10	4600	0	10% of S
						0	10	1782	0	90% of E
						0	65	29900	0	10% of S
						0	65	11583	0	90% of E
						0	20	9200	0	10% of S
						0	20	3564	0	90% of E
						0	20	73600	0	80% of S
						46	46	211600	211600	100% of S
						46	46	9108	9108	100% of E
							120	55200	55200	10% of S
							120	2376	2376	10% of E
4 (a) iii	Supply and erection of a single bracket assembly for tram way type OHE(Regulated).	97	Each	4260	198	0	46	162521.6	0	80% of S
			(S)			0	4	8144	0	80% of S
			(E)			0	4	712.80	0.00	90% of E
	80% of 46*4260	156768				0	6	2556.00	0.00	10% of S
	80% of 4*4260	17040				0	6	1069.2	0	90% of E
		173808				0	40	17040.00	0.00	10% of S

	Lesss Payment received = 162521.60+8144+2556+17040	170665.60				0	40	7128	0	90% of E
		3142.40					4	3142.40	3142.00	20% of S
							46	19596.00	19596.00	10% of S
							50	990.00	990.00	10% of E
						47	47	200220.00	200220.00	100% of S
						47	47	9306.00	9306.00	100% of E
6 (a)	Supply and erection of Over head equipments only (without contact wire & catenary wire ,including 50% extra for manual erection)	3.638	Km	9004	9757.5	0	0.103	834.67	0	90% of S
						0	0.103	904.52	0	90% of E
						0.000	0.600	4862.16	0	90% of S
						0.000	0.600	5269.05	0	90% of E
						0.000	1.980	16045.13	0.00	90% of S
						0.000	1.980	17387.87	0.00	90% of E
						0	0.955	7738.94	0.00	90% of S
						0	0.955	8386.57	0.00	90% of E
							3.638	3275.66	3275.66	10% of S
							3.638	3549.78	3549.78	10% of E
8 (a) v	Supply and erection of regulating equipments 3 pully type, with counter weight assembly for conventional OHE .	15	Each	15068	850	0	15	180816.00	0.00	80% of S
						0	4	6027.20	0.00	10% of S
			(E)			0	4	3060.00	0.00	90% of E
						0	1	1506.80	0.00	10% of S
						0	1	765.00	0.00	90% of E
						0	6	9040.80	0.00	10% of S
						0	6	4590.00	0.00	90% of E
						0	4	6027.20	0.00	10% of S
						0	4	3060.00	0.00	90% of E
							15	22602.00	22602.00	10% of S
							15	1275.00	1275.00	10% of E
8 (a) vi	Supply and erection of regulating equipments 3 pully type, with counter weight assembly for tram type OHE .	9	Each	11643	714	0	9	83829.60	0.00	80% of S
						0	1	1164.30	0	10% of S
			(E)			0	1	642.60	0	90% of E
						0	1	1164.30	0.00	10% of S
						0	1	642.60	0.00	90% of E
						0	3	3492.90	0.00	10% of S
						0	3	1927.80	0.00	90% of E
						0	3	3492.90	0.00	10% of S
						0	3	1927.80	0.00	90% of E
						0	1	1164.30	0.00	10% of S
						0	1	642.60	0.00	90% of E
							9	10478.70	10478.70	10% of S
							9	642.60	642.60	10% of E
8 (b) (i)	Supply and erection of materials for termination of single conductor over head equipments or terminating wire.	18	Each	2123	196	0	15	25476.00	0.00	80% of S
						0	1	212.30	0.00	10% of S
			(E)			0	1	176.40	0	90% of E
						0	1	212.30	0.00	10% of
						0	1	176.40	0.00	90% of
						0	7	1486.10	0.00	10% of S
						0	7	1234.80	0.00	90% of E

						0	6	1273.80	0.00	10% of S
						0	6	1058.40	0.00	90% of E
							15	3184.50	3184.50	10% of S
							15	294.00	294.00	10% of E
						3	3	6369.00	6369.00	100% of S
						3	3	588.00	588.00	100% of E
8(b) ii	Supply and erection of materials for termination of double over head equipments conductor.	29	Each	2903	224	0	20	46448.00	0.00	80% of S
						0	4	1161.20	0	10% of S
			(E)			0	4	806.40	0	90% of E
						0	3	870.90	0.00	10% of S
						0	3	604.80	0.00	90% of E
						0	13	3773.90	0.00	10% of S
						0	13	2620.80	0.00	90% of E
							20	5806.00	5806.00	10% of S
							20	448.00	448.00	10% of E
						9	9	26127.00	26127.00	100% of S
						9	9	2016.00	2016.00	100% of E
8(b) iii	Supply and erection of materials for termination of all aluminium 25kv feeder /return / onductor(Single spider) .	4	Each	2150	196	0	2	3440.00	0.00	80% of S
						0	2	430.00	0.00	10% of S
						0	2	352.80	0.00	90% of E
							2	430.00	430.00	10% of S
							2	39.20	39.20	10% of E
						2	2	4300.00	4300.00	100% of S
						2	2	392.00	392.00	100% of E
9 (a)	Supply and erection of anti creep with galvanised steel wire suitable for conventional type OHE.(regulated)	0	Each	7728	630	0	1	6182.40	0.00	80% of S
						0	-1	-6182.40	0.00	80% of S
9 (b)	Supply and erection of anti creep with galvanised steel wire suitable for tramway type OHE.(regulated)	3	Each	6640	630	0	1	5312.00	0.00	80% of S
							1	664.00	0.00	10% of S
						0	2	11952.00	0.00	90% of S
						0	3	1701.00	0.00	90% of E
							3	1992.00	1992.00	10% of S
							3	189.00	189.00	10% of E
10 (a)	Extra for addl. fittings at a turn out, diamond crossing or over lap	20	Each	846	259	0	20	15228.00	0.00	90% of S
						0	20	4662.00	0.00	90% of E
							20	1692.00	1692.00	10% of S
							20	518.00	518.00	10% of E
11(a) i	Supply & erection of solid core cut insulators .	27	Each	1595	135	0	8	10208.00	0.00	80% of S
						0	4	638.00	0.00	10% of S
						0	4	486.00	0.00	90% of E
						0	4	638.00	0.00	10% of S
						0	4	486.00	0.00	90% of E
						0	8	11484.00	0.00	90% of S
						0	8	972.00	0.00	90% of E
						0	4	5742.00	0.00	90% of S
						0	4	486.00	0.00	90% of E
						20	3190.00	3190.00	10% of S	
						20	270.00	270.00	10% of E	
					7	7	11165.00	11165.00	100% of S	
					7	7	945.00	945.00	100% of E	

11(a) ii	Supply & erection of solid core suspension insulators .	7	Each	1610	81	0	8	10304.00	0.00	80% of S
						0	3	483.00	0.00	10% of S
						0	3	218.70	0.00	90% of E
						0	4	644.00	0.00	10% of S
						0	4	291.60	0.00	90% of E
						0	-1	-1288.00	0.00	80% of S
							7	1127.00	1127.00	10% of S
11(b)	Supply & erection of 25kv post insulators .	28	Each	2040	54	0	7	56.70	56.70	10% of E
						0	6	9792.00	0.00	80% of S
						0	2	408.00	0	10% of S
						0	2	97.20	0.00	90% of E
						0	4	816.00	0.00	10% of S
						0	4	194.40	0.00	90% of E
						0	6	11016.00	0.00	90% of S
						0	6	291.60	0.00	90% of E
							12	2448.00	2448.00	10% of S
							12	64.80	64.80	10% of E
						16	16	32640.00	32640.00	100% of S
12 (a)	Erection of 25kv section insulator assembly (Section insulator excluding insulator will be supplied by the Rly at SE[C] store JHS).	21	Each	0	673	16	16	864.00	864.00	100% of E
						0	3	1817.10	0.00	90% of E
						0	5	3028.50	0.00	90% of
						0	6	3634.20	0.00	90% of E
							14	942.20	942.20	10% of E
						7	7	4711.00	4711.00	100% of E
12 (ax)	Supply of 9T bar insulators for item no 12(a)	21	Each	3490	0	0	14	39088.00	0.00	80% of S
						0	3	1047	0	10% of S
						0	5	15705.00	0.00	90% of S
						0	6	2094	0	10% of S
						0	-5	-13960.00	0.00	80% of S
							14	4886.00	4886.00	10% of E
						7	7	24430.00	24430.00	100% of E
13(a)	Supply and erection of 25kv single pole isolator without earth contact assembly.	7	Each	12369	624	0	2	19790.40	0.00	80% of S
						0	1	1236.90	0	10% of S
		11	(E)			0	1	561.60	0	90% of E
						0	1	1236.90	0.00	10% of S
						0	1	561.60	0.00	90% of E
						0	2	22264.20	0.00	90% of S
						0	2	1123.20	0.00	90% of E
						0	3	33396.30	0.00	90% of S
						0	7	3931.20	0.00	90% of E
							7	8658.30	8658.30	10% of S
							11	686.40	686.40	10% of E
15 (a) i	Supply and erection of large copper jumper .	60	Each	1516	58	0	2	2728.80	0	90% of S
						0	2	104.40	0	90% of E
						0	2	2728.80	0.00	90% of S
						0	2	104.40	0.00	90% of E
						0	9	10915.20	0.00	80% of S
						0	12	16372.80	0.00	90% of S
						0	12	626.40	0.00	90% of E
						0	9	1364.40	0	10% of S
						0	9	469.80	0.00	90% of E

							25	3790.00	3790.00	10% of S
							25	145.00	145.00	10% of E
						35	35	53060.00	53060.00	100% of S
						35	35	2030.00	2030.00	100% of E
15(a) ii	Supply and erection of small copper jumper .	21	Each	886	58	0	5	3987.00	0.00	90% of S
						0	5	261.00	0.00	90% of E
						0	3	2392.20	0.00	90% of S
						0	3	156.60	0.00	90% of E
						0	12	8505.60	0.00	80% of S
						0	10	7974.00	0.00	90% of S
						0	10	522.00	0.00	90% of E
							1	88.60	0.00	10% of S
						0	-9	-6379.20	0.00	80% of S
							2	354.40	354.40	20% of S
							19	1683.40	1683.40	10% of S
							18	104.40	104.40	10% of E
							3	174.00	174.00	100% of E
15(b)	Supply and erection of aluminum jumper .	1	Each	686	53	0	1	617.40	0.00	90% of S
						0	1	47.70	0.00	90% of E
							1	68.60	68.60	10% of S
							1	5.30	5.30	10% of E
16(a)	Supply and erection of structure bond .	216	Each	137	63	0	143	17631.90	0.00	90% of S
						0	143	8108.10	0.00	90% of E
						0	57	7028.10	0.00	90% of S
						0	57	3231.90	0.00	90% of E
							200	2740.00	2740.00	10% of S
							200	1260.00	1260.00	10% of E
						16	16	2192.00	2192.00	100% of S
						16	16	1008.00	1008.00	100% of E
16(b)	Supply and erection of logitudinal bond .	257	Each	86	56	0	257	19891.80	0.00	90% of S
						0	257	12952.80	0.00	90% of E
							257	2210.20	2210.20	10% of S
							257	1439.20	1439.20	10% of E
16(c)	Supply and erection of transverse and special bond	260	Each	166	68	0	64	9561.60	0.00	90% of S
						0	64	3916.80	0.00	90% of E
						0	111	16583.40	0.00	90% of S
						0	111	6793.20	0.00	90% of E
							175	2905.00	2905.00	10% of S
							175	1190.00	1190.00	10% of E
						85	85	14110.00	14110.00	100% of S
						85	85	5780.00	5780.00	100% of E
17(a)	Supply & erection of single earth electrode.	3	Each	589	240	0	2	1060.20	0.00	90% of S
						0	2	432.00	0.00	90% of E
						0	1	530.10	0.00	90% of S
						0	1	216.00	0.00	90% of E
							3	176.70	176.70	10% of S
							3	72.00	72.00	10% of E
17(b)	Extra for special embedment of earth electrode.	3	Each	0	259	0	2	466.20	0.00	90% of E

						0	1	233.10	0.00	90% of E
							3	77.70	77.70	10% of E
17(c)	Supply & erection of earth bus.	50	Mtrs	31	17	0	50	1395.00	0.00	90% of S
						0	50	765.00	0.00	90% of E
							50	155.00	155.00	10% of S
							50	85.00	85.00	10% of E
26(a) (ii)	Supply and erection of solid copper bus bar 18mm.	24	Mtrs	284	22	0	3.5	894.60	0.00	90% of S
						0	3.5	69.30	0.00	90% of E
						0	4.5	1150.20	0.00	90% of S
						0	4.5	89.10	0.00	90% of E
						0	12	3067.20	0.00	90% of S
						0	12	237.60	0.00	90% of E
							20	568.00	568.00	10% of S
							20	44.00	44.00	10% of E
						4	4	1136.00	1136.00	100% of S
						4	4	88.00	88.00	100% of E
26 © (i)	Supply and erection of solid copper bus bar connectors, bus terminals.	44	Each	605	9	0	4	2178.00	0.00	90% of S
						0	4	32.40	0.00	90% of E
						0	4	2178.00	0.00	90% of S
						0	4	32.40	0.00	90% of E
						0	16	8712.00	0.00	90% of S
						0	16	129.60	0.00	90% of E
							24	1452.00	1452.00	10% of S
							24	21.60	21.60	10% of E
						20	20	12100.00	12100.00	100% of S
						20	20	180.00	180.00	100% of E
26 © (ii)	Supply and erection of solid copper bus bar connectors, bus splices.	22	Each	638	9	0	4	2296.80	0.00	90% of S
						0	4	32.40	0.00	90% of E
							4	255.20	255.20	10% of S
							4	3.60	3.60	10% of E
						18	18	11484.00	11484.00	100% of S
						18	18	162.00	162.00	100% of E
31	Modification to already erected equipments.									
[a]	Transfer of equipment from one mast support to another	16	Each	0	564	0	15	7614.00	0.00	90% of E
						0	15	7614.00	0.00	90% of E
						0	1	507.60	0.00	90% of E
						0	-15	-7614.00	0.00	90% of E
							16	902.40	902.40	10% of E
[b]	Provision of additional bracket assembly on a mast or support.	10	Each	0	500	0	10	4500.00	0.00	90% of E
							10	500.00	500.00	10% of E
[d]	Dismantling of over head equipment and structures.	2.938	KM	0	3013	0	1	2711.70	0.00	90% of S
						0	0.5	1355.85	0	90% of E
						0	0.72	1952.42	0.00	90% of
						0	0.418	1133.49	0.00	90% of
							2.638	794.83	794.83	10% of E

						0.3	0.3	903.90	903.90	100% of E
[f]	Splicing and extension of an anchored over head equipment	36	Each	0	552	0	1	496.80	0	90% of E
						0	2	993.60	0.00	90% of E
						0	9	4471.20	0.00	90% of E
							12	662.40	662.40	10% of E
						24	24	13248.00	13248.00	100% of E
[g]	Dismantling of sectionan insulator assembly .	22	Each	0	552	0	12	5961.60	0.00	90% of E
							12	662.40	662.40	10% of E
						10	10	5520.00	5520.00	100% of E
[h]	Slewing of over head equipment	5	span	0	449	0	4	1616.40	0.00	90% of E
						0	4	1616.40	0.00	90% of E
							5	224.50	224.50	10% of E
						-3	-3	-1212.30	-1212.30	90% of E
[j]	Dismatling of a pedastal / post insulator.	24	Each	0	98	0	2	176.40	0.00	90% of E
						0	2	176.40	0.00	90% of E
							4	39.20	39.20	10% of E
						20	20	1960.00	1960.00	100% of E
	100% Extra on erection rate for work under power block									
3[b]ii	Manual erection of traction mast .	14.166	Tonne	0	685.5	0	2	1233.90	0.00	90% of E
						0	3.071	1894.65	0.00	90% of
						0	9.095	5611.16	0.00	90% of E
							14.166	971.08	971.08	10% of E
3[b]iii	Manual erection of fabricated steel work other than masts.	21	Tonne	0	2313	0	0.8	1665.36	0	90% of E
						0	1.2	2498.04	0	90% of E
						0	8	16653.60	0.00	90% of
						0	9.5	19776.15	0.00	90% of
							19.5	4510.35	4510.35	10% of E
						1.5	1.5	3469.50	3469.50	100% of E
4(a) i	Erection of a single bracket assembly[for conventional / tram way type OHE	110	Each	0	198	0	19	3385.80	0.00	90% of E
						0	11	1960.20	0.00	90% of E
						0	90	16038.00	0.00	90% of
							110	2178.00	2178.00	10% of E
						-10	-10	-1782.00	-1782.00	90% of E
6[a]	Erection of Over head equipments manually	3.638	KM	0	9757.5	0	0.103	904.52	0.00	90% of E
						0	0.6	5269.05	0	90% of E
						0	1.98	17387.87	0.00	90% of
						0	0.955	8386.57	0.00	90% of E
							3.638	3549.78	3549.78	10% of E
8(a) v	Erection of regulating equipments 3 pully type, with counter weight assembly for conventional OHE .	24	Each	0	850	0	3	2295.00	0	90% of E
						0	1	765.00	0.00	90% of E
						0	7	5355.00	0.00	90% of
						0	4	3060.00	0.00	90% of E
							15	1275.00	1275.00	10% of E
						9	9	7650.00	7650.00	100% of E
8 (b) ii	Erection of materials for termination of double over head equipments conductor.	47	Each	0	224	0	4	806.40	0.00	90% of E
						0	3	604.80	0.00	90% of E

						0	13	2620.80	0.00	90% of
							20	448.00	448.00	10% of E
						27	27	6048.00	6048.00	100% of E
8(b) iii	Erection of materials for termination of all aluminium 25kv feeder /return /	2	Each	0	196	0	2	352.80	0.00	90% of E
							2	39.20	39.20	10% of E
10[a]	Extra on item 6 [a& c] for supply and erection of addl. fitting at turn out, diamond crossing or overlap	20	Each	0	259	0	20	4662.00	0.00	90% of E
							20	518.00	518.00	10% of E
11[a] I	Erection of Solid core cut in insulator	28	Each	0	135	0	8	972.00	-892.80	90% of E
	Last Paid -As actual to be paid	892.80				0	8	972.00	0.00	90% of E
						0	4	486.00	0.00	90% of E
							20	270.00	270.00	10% of E
						8	8	1080.00	1080.00	100% of E
11[a]ii	Erection of Solid core suspension insulator	7	Each	0	81	0	7	510.30	0.00	90% of E
							7	56.70	56.70	10% of E
11[b]	Erection of 25 post insulator	16	Each	0	54	0	2	97.20	0.00	90% of E
						0	2	97.20	0.00	90% of E
						0	8	388.80	0.00	90% of E
							12	64.80	64.80	10% of E
						4	4	216.00	216.00	100% of E
12[a]	Erection of a section insulator assembly for conventional type OHE.	21	Each	0	673	0	3	1817.10	0.00	90% of E
						0	5	3028.50	0.00	90% of E
						0	6	3634.20	0.00	90% of E
							14	942.20	942.20	10% of E
						7	7	4711.00	4711.00	100% of E
13(a)	Erection of 25kv single pole isolator .	7	Each	0	624	0	1	561.60	0.00	90% of E
						0	1	561.60	0.00	90% of E
						0	2	1123.20	0.00	90% of E
							4	249.60	249.60	10% of E
						3	3	1872.00	1872.00	100% of E
15[a] I & ii	Erection of large , small copper jumper	81	Each	0	58	0	5	261.00	0.00	90% of E
						0	5	261.00	0.00	90% of E
						0	22	1148.40	0.00	90% of E
						0	8	417.60	0.00	90% of E
							40	232.00	232.00	10% of E
						41	41	2378.00	2378.00	100% of E
15[b]	Erection of aluminium jumper	1	Each	0	53	0	1	47.70	0.00	90% of E
							1	5.30	5.30	10% of E
26 (a) (ii)	Erection of solid copper bus bar .	12	Mtrs	0	22	0	3.5	69.30	0.00	90% of E
						0	4.5	89.10	0.00	90% of E
						0	12	237.60	0.00	90% of E
						0	-8	-158.40	0.00	90% of E
							12	26.40	26.40	10% of E

26 © (i)	Erection of solid copper bus bar connector -bus terminal .	24	Each	0	9	0	4	32.40	0.00	90% of E
						0	4	32.40	0.00	90% of E
						0	16	129.60	0.00	90% of E
							24	21.60	21.60	10% of E
26 © (ii)	Erection of solid copper bus barconnector -bus splice .	0	Each	0	9	0	2	16.20	0.00	90% of E
						-2	-2	-16.20	-16.20	90% of E
31[a]	Transfer of equipment from one mast support to another	16	Each	0	564	0	15	7614.00	0.00	90% of E
						0	15	7614.00	0.00	90% of E
						0	-14	-7106.40	0.00	90% of E
							16	902.40	902.40	10% of E
31[b]	Additional bracket assembly on a mast or support.	10	Each	0	500	0	10	4500.00	0.00	90% of E
							10	500.00	500.00	10% of E
31[d]I	Dismantling of over head equipment and structures.	2.938	KM	0	3013	0	1.000	2711.70	0	90% of E
						0	0.500	1355.85	0	90% of E
						0	0.720	1952.42	0.00	90% of
						0	0.718	1947.00	0.00	90% of E
							2.938	885.22	885.22	10% of E
31[e]	Dismantling of feeder /return conductor	2	KM	0	1300	2	2	2600.00	2600.00	100% of E
31[f]	Splicing and extension of an anchored over head equipment	36	Each	0	552	0	1	496.80	0	90% of E
						0	2	993.60	0.00	90% of E
						0	9	4471.20	0.00	90% of
							12	662.40	662.40	10% of E
						24	24	13248.00	13248.00	100% of E
31[g]	Dismantling of sectionan insulator assembly .	22	Each	0	552	0	12	5961.60	0.00	90% of E
							12	662.40	662.40	10% of E
						10	10	5520.00	5520.00	100% of E
31[h]	Slewing of over head equipment	5	span	0	449	0	4	1616.40	0	90% of E
						0	4	1616.4	0	90% of E
							5	224.50	224.50	10% of E
						-3	-3	-1212.30	-1212.30	90% of E
31[i]	Dismatling of Pedestal Pin insulators.	16	Each	0	98	0	2	176.40	0	90% of E
						0	2	176.40	0.00	90% of E
							4	39.20	39.20	10% of E
						12	12	1176.00	1176.00	100% of E
	Total							4961787.83	1198259.94	0.40
	Above 143% above as per SOR							7095356.60	1713511.71	
								12057144.44	2911771.65	
	Add 49.50% above as per SOR							5968286.50	1441326.97	
	Total							18025430.93	4353098.61	
						Add : Excallation (5%)		901271.55	217654.93	
	Additional SOR Items							18926702.00	4570754.00	
31(i)	Dismantling of isolator	6	Each	0	299.00	6	6	1794.00	1794.00	100% of E
12 (a)	Supply of Section Insulators.	4	Each	10018.00	0	4	4	40072.00	40072.00	100% of E

6 (c)	Erection of contact wire only. (Regulated with Bridle wire) (including 50% extra	2.592	Km	9928.00	5806.50	2.592	2.592	25733.38	25733.38	100% of E
						2.592	2.592	15050.45	15050.45	100% of E
	Work Under Power Block									
31(i)	Dismantling of isolator	6	Each	0.00	299.00	6	6	1794.00	1794.00	100% of E
6©	Erection of contact wire only.(Regulated with Bridle wire)	2.592	Km	0.00	3871.00	2.592	2.592	10033.63	10033.63	100% of E
	Total							94477.46	94477.46	
	Above 143% above as per SOR							135102.76	135102.76	
								229580.22	229580.22	
	Add 49.50% above as per SOR							113642.21	113642.21	
	Total							343222.43	343222.43	
			Add : Excallation (5%)					17161.12	17161.12	
								360383.55	360383.55	
	Total Amount of SOR & Add. SOR Items							19287085.55	4931137.55	
			Add @ 19.50% above as per LOA					3760981.682	961571.8217	
	Total Amount of SOR & Add. SOR Items							23048067.23	5892709.37	
NS-1	Dismatling of auxilary transformer along with jumper , DO fuse assembly, LV	2	Each	0	8951	0	2	16111.80	0.00	90% of E
							2	1790.20	1790.20	10% of E
NS-2	Dismatling of structure by cutting.	17	MT	0	6108	0	10	54972.00	0.00	90% of E
							10	6108.00	6108.00	10% of E
						7	7	42756.00	42756.00	100% of E
					TOTAL NS items			121738.00	50654.20	
	Amount paid vide 9th bill Rs. 71083.80 +5% Escallation+19.50% Loading but	89192.4	Add @ 40% above as per LOA					48695.20	20261.68	
	As actual payment to be made Rs. 71083.80 + 40% loading as per LOA	99517.32					TOTAL	170433.20	81240.80	
	Amount payable towards less payment	10324.92						10324.92		
								23218500.43	5984275.09	
	New NS items									
NNS-1	Supply,erection,testing & commissioning of 50 KVA 25 KV/ 240 volts oil filled single phase split type acring horn as per RDSO specf. No. ETI/PSI/ 15(08/2003) or latest with enemale No. plate for AT mast and centrifusing of transformer oil if required.	3	Each	127413	12741	0	3	305791.2	0	80% of S
						0	2	25482.6	0	10% of S
						0	2	22933.8	0	90% of E
						0	1	12741.3	0	10% of E
						0	1	11466.9	0	90% of E
							3	38223.90	38223.90	10% of S
							3	3822.30	3822.30	10% of E
NNS-2	Supply,erection,testing & commissioning of Heavy duty double break fuse switch with HRC for triple pole with neutral cap. 200 amp confirming to IS 13947 part III	3	Each	9190	919	0	2	16542	0	90% of S
						0	2	1654.2	0	90% of E
							2	1838.00	1838.00	10% of S
							2	183.80	183.80	10% of E
						1	1	9190.00	9190.00	100% of S
						1	1	919.00	919.00	100% of E

NNS-3	Supply and manufacturer as per IS 8623/1993/ part I to Part II (latest version) and as per drawing approved by Rly. Cubical type floor mounted dust & vermin proof multi tier construction LT switch-board suitable for operation on 3 phase 4 wire 415 volts with AC supply system fabricated with 14 SWG M.S. sheet M.S. angle 50x50x6 mm MS channel 100x50x7.5 mm nominal size. The LT switch board shall be powder coated of approved color thickness shall not be less than 60 microns. The switch board shall be complete with inter connections, instruments connections with copper conductor cable copper bus bars and front operated switchgear confirming to IS 13947/Pt.I/Pt.II/Pt.III as applicable (latest version) voltmeter on each incoming panel and ammeter on each incoming & out going panel. LED type indication lights, cable glands, groomet earthing studs and supply installation as per drawing approved by Rly. ICTP switch 200 Amp =1 No.Changeover switch 200 Amp = 1No. With bus bar indication lamp Digital Ammeter & Voltmeter	1	Each	25783	2578	0	1	23204.70	0.00	90% of E
						0	1	2320.20	0.00	90% of E
							1	2578.30	2578.30	10% of S
							1	257.80	257.80	10% of E
NNS-4	Laying of underground/road/Railway track recessing in platform/wall alongwith Rly. track/in laid RCC/ GI pipe as reqd. 1.1 Kv grade LT XLPE insulated armoured aluminium conductor cable including chase & placing laying of cable/ digging of cable trench sand cushioning protective covering with second class bricks provision of cable route markers as per Tech. specf. & confirming to IS 1255-1983 including end termination with Alum. crimping sockets/ lugs testing									
	2x300 sq. mm	557	Mtrs.	0	37	0	400	13320.00	0.00	90% of E
						0	100	3330.00	0.00	90% of E
							500	1850.00	1850.00	10% of E
						57	57	2109.00	2109.00	100% of E
NNS-5	Collection, transportation of LT XLPE from SE/C/ stores/HRSor/JHS to different sizes of work including loading unloading storing with safety &									
	2x300 sq. mm	400	Mtrs.	0	4.5	0	400	1620.00	0.00	90% of E
							400	180.00	180.00	10% of E
NNS-8	Supply & erection of MS flat 50x6 mm for connecting earth pit to AT mast	50	Mtrs.	30	5	50	50	1500.00	1500.00	100% of S
						50	50	250.00	250.00	100% of E
NNS-9	Supply & erection of 6 SWG GI wire for connection earth pit to control panels	10	Mtrs.	5	1	0	10	45.00	0.00	90% of S
							10	5.00	5.00	10% of S
						10	10	10.00	10.00	10% of E
NNS-10	Erection of single core copper armoured PVC insulated cable of size 16 sq mm including termination & connection from AT to main switch	10	Mtrs.	30	4	0	10	270.00	0.00	90% of S
							10	30.00	30.00	10% of S
						10	10	40.00	40.00	10% of E
	Total							503709	62987.1	
	Add 34% above as per LOA No. DYCEE/C/ALD/ NCR/07-08/Tender/48 dt.19.03.08							171261.06	21415.61	
	Total							674970.06	84402.71	
	Add 28.6% escalation as per WIP index for all commodities from the date of opening of LAR to till date							193041.44	24139.18	

	Total of New NS items							868011.50	108541.89	
NNS-11	Under track boaring for 50/75 mm pipe for cable entry and laying (as per IRPMU/Elect/T/2008/07 (NS) dated 13.04.09. NS-1	90	Mtrs.	0	457	0	80	32904	0	
							80	3656.00	3656.00	10% of E
						10	10	4570.00	4570.00	10% of E
	Total of New NS items							41130.00	8226.00	
				Total of New NS items 1				909141.00	116768.00	
	2nd New Non Schedule Items									
NNS-15	Dismantling of release cantilever.	75	Each	1718.37		75	75	128877.75	128877.75	100% of E
NNS-16	Dismantling of ATD/ FTA.	10	Each	1629.67		10	10	16296.70	16296.70	100% of E
NNS-17	Dismantling of SPS	10.498	MT	8092.97		10.498	10.498	84960.00	84960.00	100% of E
NNS-18	Supply of small dropper 5/7 mm dia of electrolytic copper	300	Kg.	1078.15		300	300	323445.00	323445.00	100% of E
NNS-19	Erection of dropper wire on existing OHE including cost making droppers as per schedule	25	Span	2143.35		25	25	53583.75	53583.75	100% of E
NNS-20	Dismantling of dropper wire on existing OHE	25	Span	2143.35		25	25	53583.75	53583.75	100% of E
NNS-21	Supply of bridle wire	0.5	KM	59779.28		0.5	0.5	29889.64	29889.64	100% of E
NNS-22	Auton changeover switch	2	Each	73458.55		2	2	146917.10	146917.10	100% of E
NNS-23	Work Under Power block									
i	Dismantling of release cantilever.	75	Each	1718.37		75	75	128877.75	128877.75	100% of E
ii	Dismantling of released ATD.	12	Each	1629.67		12	12	19556.04	19556.04	100% of E
iii	Dismantling of SPS	10.498	MT	8092.97		10.498	10.498	84960.00	84960.00	100% of E
iv	Erection of dropper wire on existing OHE including cost making droppers as per schedule	25	Span	2143.35		25	25	53583.75	53583.75	100% of E
v	Dismantling of dropper wire on existing OHE	25	Span	2143.35		25	25	53583.75	53583.75	100% of E
								1178113.56	1178113.56	
	Grand Total (SOR+Add.SOR+Sch.NS+NNS-1+NNS-2)							25305754.99	7268831.73	
	Less : 2.75% rebate on Rs. 2681051.39							-73728.91	-73728.91	
								25232026.08	7195102.82	
				Deduct prepaid			(-)	18036923.16		
							TOTAL	7195102.92	7195102.82	
	Dedution on amount of Rs.	7195103					Say	7195103	7195103	
	2% I/T	143902.00								
	6%ST	431706								
	Bill copy	50				Deduction	(-)	575658	575658	
	Total deductin	575658			Net payable				6619445	6619445
	Detail of Security									

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