

			PAYMENT MADE THROUGH EFT/RTGS												
	NORTH CENTRAL RAILWAY			ELECTRICAL DEPARTMENT											
			Second ON ACCOUNT BILL												
Bill No.AGC/Dy CEE/C/T/01/2013 dated 31.1.2014															
Name and Address of Contractor:-M/s Laxmi Transmissions Pvt. Ltd; S-1 Bishambhar Dham, Opp Suraj Hospital, 117/N/52, KakaDev, Kanpur-208025															
Name of work: Supply, erection, testing and commissioning of 25 Kv 50 Hz AC OHE in connection with provisional of two additional platform line in MG yard in Agra Fort Station of Agra division”															
Authority for work:-DY.CEE (C ) AGC					C.A.NO.AGC/Dy CEE/C/T/01/2013 dated 18.4.2013										
	Work done upto		30.01.14			Bank Name : Union Bank of india Kaushalpuri, Kanpur									
1	Date of commencement		04.03.2013			IFS Code : UBIN0543586									
2	Date of completion		04.11.2013			A/c No. 435801010022016									
3	Date of actual completion		Work in progress			PAN No. AAACL2884J									
4	Date of extension		31.03.2014			TIN No. 09545600562									
5	Date of measurement		31.01.2014												
	Description of work	Sch.	Unit	Qty.		Qty.executed		Payment on the basis		%age of					
		Qty				since last	Upto date	of actual measurement		payment					
						certificate	as per MB	Upto date	Since last bill						
					SOR Rate										
					Material	Supply									
1	2	3	4		5	6	7	8	9	10	11				
	SUB SECTION -I GENERAL														
1(a)	Preparation of designs and drawings for overhead equipment and verification of purchaser's pegging plan.	1.5	Track km.		0	3242	NOT OPRATED								
8(b)(i)	Supply without Insulator and erection of material for termination of Single conductor of Over head equipment or terminating wire.	2	Each		911	196	2	2	1457.6	1457.6	80% for S of	2			
8(b)(vi)	Supply without insulator and erection of material for termination of tramway OHE (Regulated)	2	Each		924	196	2	2	1478.4	1478.4	80% for S of	2			
17(b)	Extra for special embedment of earth electrode.	4	Each		0	259	NOT OPRATED								
27(a)i	Supply, erection, oil- filtration, testing and commissioning of 25kv/240v , 10kva L.T. supply transformers.	2	Each		16199	1179									
28	Supply without Insulator & erection of 25 kV fuse switch.	2	Each		2316	115	2	2	3705.6	3705.6	80% for S of	2			
31	Modification to erected equipments :														
31(a)	Transfer of equipment from one mast or support to another.	25	Each		0	564	NOT OPRATED								
31(b)	Provision of additional bracket fittings assembly on a mast or support	25	each		0	500									
31(d)	Dismentling of overhead equipments.	0.2	KM		0	3013									
31(f)	Splicing & extension of an anchored overhead equipment.	2	Each		0	552									
31[g]	Dismantling of sectionan insulator assembly .	2	Each		0	552									
31[i]	Dismatling of Pedestal Pin insulators.	2	Each		0	299									
31[h]	Slewing of over head equipment	10	Each		0	449									
31[j]	Dismatling of Pedestal Pin insulators.	4	Each		0	98									
	Total of Sub Section I GENERAL								6641.60	6641.60					
	% above on SOR 341 %								22647.86	22647.86					
	Total Value of Sub Section I GENERAL								29289.46	29289.46					

	<b>SUB-SECTION - 2 : CONCRETE</b>											
2	Concrete for foundation and plinth:-											
2(a)i	In hard soil .	20	Cum		1081	357						
2(b)	In other than hard soil and rock	200	Cum	S	1058	270	95.442	164.138	156292.20	90879.87	90% for S of	95.442
				E			95.442	164.138	39885.53	23192.41	90% for E of	95.442
	<b>Total of Sub Section 2 CONCRETE</b>								<b>196177.74</b>	<b>114072.28</b>		
	<b>% above on SOR 341%</b>								<b>668966.09</b>	<b>388986.47</b>		
	<b>Total Value of Sub Section 2 CONCRETE</b>								<b>865143.82</b>	<b>503058.75</b>		
	<b>SUB-SECTION - 3 : FERROUS</b>											
3(a)(i)	Supply & Erection of traction masts , fabricateed from rolled mild steel beam (BFB) of size 152mmx37.1 kg/ per mtr. and galvanised in length 9.5 or 8.5 long (including 50% extra for manual erection)	10	Tonne		17037	685.5	NOT OPRATED					
3(b)(ii)	Supply & Erection of structure steel (Traction Mast) fabricated and gantry mast (including 50% extra for manual erection)	15	Tonne	S	18611	457	0	7.91	117770.41	0.00		
3(b)(iii)	Supply and erection of galvanized fabricated steel structure and work other than portals and traction masts .	25	MT	S	20158	2313	7.157	21.060	354049.06	14427.08	10% for S of	7.157
				E			7.157	7.157	14898.73	14898.73	90% for E of	7.157
3(c )	Supply and erection of fabricated steel work other than mast.	2	MT	S	20158	0	0	2	32252.80	0.00		
3(e)	Supply & erection of guy rod assembly.	10	Each		1951	226	10	10	15608.00	15608.00	80% for S of	10
3(i)	Supply & erection of 25kv caution board, Elect.Engine Stop Board Etc.	10	Each		63	20	NOT OPRATED					
3(j)	Supply & erection of protective screens at on ROB/FOB's	2	Set of ( 2 Nos.)		0	3937						
4(a)i	Supply without insulator and erection of a single bracket assembly for conventional type OHE.	60	Each		2802	198	60	60	134496.00	134496.00	80% for S of	60
4(a)iii	Supply and erection of a single bracket assembly for tram way type OHE(Regulated).	10	Each		2462	198	10	10	19696.00	19696.00	80% for S of	10
4(b)i	Supply without insulator and erection of a pull off arrangement of one OHE	2	Each		2489	128	2	2	3982.40	3982.40	80% for S of	2
4(b)iii	Supply without insulator and erection of a pull off arrangement single bracket assembly for regulated tram way type OHE	1	Each		2489	128	1	1	1991.20	1991.20	80% for S of	1
8(a)v	Supply and erection of regulating equipments 3 pully type, with counter weight assembly for conventional OHE .	5	Each		15068	850	5	5	60272.00	60272.00	80% for S of	5
8(a)vi	Supply and erection of regulating equipments 3 pully type, with counter weight assembly for tram type OHE .	1	Each		11643	714	1	1	9314.40	9314.40	80% for S of	1
8(b)ii	Supply without insulator and erection of materials for termination of double over head equipments conductor.	6	Each		1681	224	6	6	8068.80	8068.80	80% for S of	6
9(a)	Supply without insulator and erection of anti creep with galvanised steel wire suitable for conventional type OHE.	2	Each		5284	630	2	2	8454.40	8454.40	80% for S of	2
9(b)	Supply and erection of anti creep with galvanised steel wire suitable for tramway type OHE.(regulated)	1	Each		5490	630	1	1	4392.00	4392.00	80% for S of	1

16(a)	Supply and erection of structure bond .	50	Each		137	63	NOT OPRATED					
16(b)	Supply and erection of logitudinal bond .	20	Each		86	56						
16(c)	Supply and erection of transverse and special bond	20	Each		166	68						
17[a]	Supply & erection of single earth electrode.	4	Each		589	240						
17[c]	Supply and erection of an earth bus	20	Mtr		31	17						
30[b]iii	Supply and erection of anti climbing device for LT transformer station.	2	Each		337	72						
	<b>Total of Sub section 3 Ferrous</b>								<b>785246.200</b>	<b>295601.008</b>		
	<b>% above on SOR 346.25%</b>								<b>2718914.966</b>	<b>1023518.488</b>		
	<b>Total value of Sub section 3 Ferrous</b>								<b>3504161.165</b>	<b>1319119.496</b>		
	<b>SUB-SECTION -4 : NON-Ferrous</b>											
6(a)	Supply and erection of Over head equipments only .(without catenary wire, contact wire and droppers)(including 50% extra for manual erection).	1.5	Km		9004	9757.5	1.50	1.50	10804.80	10804.80	80% for S of	1.5
6(c)	Erection of contact wire only (Regulated with bridle wire) equipments only. (including 50% extra for manual erection).	0.1	Km		9928	5806.5	NOT OPRATED					
10(a)	Extra on item 6(a) for supply & erection of additional fittings at turnout,diamond crossing or overlap.	2	Each		846	259						
12(a)	Supply without insulator & Erection of section insulator assembly .	3	Each		10563	673						
12(c)	Supply without insulator & Erection of section insulator assembly for tramway type OHE.	1	Each		10199	676						
13(a)	Supply without insulator and erection of 25kv single pole isolator without earth contact assembly.	2	Each		7955	624	2	2	12728.00	12728.00	80% for S of	2
15(a)i	Supply and erection of large copper jumper .	10	Each		1516	58	NOT OPRATED					
15(a)ii	Supply and erection of small copper jumper .	10	Each		886	58						
15(a)iv	Supply and erection of copper jumper for drop out fuse.	2	Each		841	58						
15 ( c )	Supply and erection of insulated catnery cable in the span under overline structure.	100	mtr		491	13						
26(a)ii	Supply and erection of solid copper bus bar 18 mm.	10	mtr		284	22						
26(c)i	Supply and erection of solid copper bus bar connectors-bus terminal.	8	Each		605	9						
	<b>Total of Sub section-4 : NON-Ferrous</b>								<b>23532.80</b>	<b>23532.80</b>		
	<b>% above on SOR 341%</b>								<b>80246.848</b>	<b>80246.848</b>		
	<b>Total value of Sub section-4 : NON-Ferrous</b>								<b>103779.65</b>	<b>103779.65</b>		
	<b>SUB-SECTION - 5 : INSULATORS</b>											
4(ax)i	Supply of insulators for items for 4(a)i/(iii) .	60	Each		1798	0	NOT OPRATED					
8(bx)	Supply of insulators for items for 8(b)i/ (ii)/(iii).(ix) .	10	Each		1222	0						
9(ax)	Supply of insulators for items for 9(a)	10	Each		2444	0						
11(a) i	Supply & erection of solid core cut insulators .	6	Each		1595	135						
11(a) ii	Supply & erection of solid core suspension insulators .	2	Each		1610	81						
11(b)	Supply & erection of 25kv post insulators .	8	Each		2040	54						
12(ax)	Supply of 9T & bar insulators for item no 12(a)	3	Each		3490	0						
12(cx)	Supply of 9T & bar insulators for item no 12(a)	1	Each		2268	0						
13(ax)	Supply of post and operating rod insulators for item no 13(a)	2	Each		4414	0						
28(x)	Supply of post insulators for item no 28	2	Each		3547	0						

	<b>SUB-SECTION - 6Under Power Block</b>											
3(ab)	Extra on Erection of traction mast work manually for item No. 3/a&b of Sch.-3	40	Tonne		0	198	NOT OPERATED					
6(a)	Extra on Erection of Over head equipments only under P.B.	1.5	KM		0	6505						
3(a)	Extra on Erection on traction mast, main fabricated mast under P.B. for item No. 3/a&b of Sch.-3	10	Tonne		0	457						
3(ab)	Extra on Erection of fabricated steel work other than mast under P.B.	5	Tonne		0	2313						
4(a)i	Extra on Erection of a single bracket assembly for conventional type OHE under P.B.	20	Each		0	198						
4(a)iii	Extra on Erection of a single bracket assembly for tramway type OHE under P.B.	10	Each		0	198						
6(a)	Extra on Erection of overhead equipment only under P.B.	0.2	KM		0	6505						
8(a)v	Extra on Erection of regulating equipments under P.B .	3	Each		0	850						
8(b)ii	Extra on Erection of materials for termination of double over head equipments conductor under P.B.	2	Each		0	224						
10(a)	Extra on item 6(a) for erection of additional fittings at turnout,diamond crossing or overlap under P.B.	2	Each		0	259						
11(a) i	Supply & erection of solid core cut insulators .	8	Each		0	135						
11(a) ii	Supply & erection of solid core suspension insulators .	2	Each		0	81						
11(b)	Supply & erection of 25kv post insulators .	2	Each		0	54						
12(a)	Extra on Erection of section insulator assembly under P.B .	2	Each		0	673						
13(a)	Extra on Erection of 25kv single pole isolator under P.B.	1	Each		0	624						
15(a)i	Erection of large copper jumper	10	Each		0	58						
15(a) ii	Erection of small copper jumper	10	Each		0	58						
26(b)(i)	Extra on erection of aluminium bus terminal under P.B.	8	Each		0	9						
26(b)(ii)	Extra on erection of aluminium bus splice under P.B.	4	Each		0	9						
26(c)(i)	Extra on erection of solid copper bus bar connectors, bus terminals under P.B.	4	Each		0	9						
31(a)	Transfer of equipment from one mast or support to another.	25	Each		0	564						
31[b]	Additional bracket assembly on a mast or support.	10	Each		0	500						
31[d]I	Dismantling of over head equipment and structures.	0.2	KM		0	3013						
31[f]	Splicing and extension of an anchored over head equipment	2	Each		0	552						
31[g]	Dismantling of sectionan insulator assembly .	2	Each		0	552						
31[h]	Dismantling of isolator.	1	Each		0	299						
31[i]	Slewing of over head equipment	10	Each		0	449						
31[i]	Dismatling of Pedestal Pin insulators.	4	Each		0	98						
	<b>Total</b>											
	<b>SUB SECTION-1</b>									<b>6641.6</b>	<b>6641.6</b>	

	SUB SECTION-2								865143.82	503058.75		
	SUB SECTION-3								3504161.17	1319119.50		
	SUB SECTION-4								103779.648	103779.648		
	SUB SECTION-5								0	0		
	SUB SECTION-6								0	0		
	TOTAL								4479726.24	1932599.49		
	Below 9.70% above as per LOA								434533.44	187462.15		
	TOTAL								4045192.79	1745137.34		
	NON SCHEDULE ITEMS											
NS-1	Handling/leading loading ,unloading and transportation of Rly's supply materials & released materials such as OHE masts, SPS, fittings ,copper conductors etc.	3750	Tonne Km		0	5.5	NOT OPERATED					
NS-2	Dismatling of auxilary transformer complete with jumper , DO fuse assembly, LV box etc.	2	Each		0	5702						
NS-3	Excavation of cable trench in soft morrum plain ground, concrete surface, pucca surface, etc.and refilling the same with seived earth and finishing the surface in its original condition and providing bricks, sand and cable route markers etc.	900	Mtr		0	42						
NS-4	Excavation and back filling of cable trench in all type of soil under the track/road for laying of the cable including the work of supply and placing of RCC hume pipe 150 mm dia with necessary RCC collers, etc for drawing the cable in trench under the track/road.	20	Mtr		0	136						
NS-5	Laying, connecting , testing and energising of XLPE insulated , LT under ground cables , PVC sheathed, stranded Al conductor, steel armoured 1.1 KV Gr , of size 2 core 70/50/25 sqmm.(Note :- 2 core LT cables will be supplied by Railway in SE[C] store Jhansi/HRS & transportation to be done by the contractor.	1200	Mtr		0	25						
NS-6	Supply of matenal & termination of LT cable of size 2 core 70/50/25 sqmm with proper size of crimping socket lugs as required (one set termination shall include all cores of cable at one end)	4	Set		136	36						
NS-8	Dismantling of structures by cuttings.	15	MT		0	3891						
NS-9	Supply & erection of engine Stop board and caution unwired turn out board.	1	Each		977.5	100						

NS-10	Supply, erection , testing, & commissioning of automatic change over switch as per RDSO specification.	1	Each		42000	2500						
NS-12	Supply and erection of GI pipe 50mmdia class B for support of cables.	10	mtr		145	8						
NS-13	Supply of 5mm/7mm solid round copper dropper wire as per dropper schedule	100	Kg		350	0						
							<b>TOTAL</b>		0	0		
									0.00	0.00		
							<b>TOTAL</b>		0	0		
							G.Total		<b>4045193</b>	<b>1745137.34</b>		
							Less : Paid last		<b>2300055</b>	<b>0.00</b>		
							<b>Say</b>		<b>1745137</b>	<b>1745137</b>		
Deduction on amount of Rs.		<b>1745137</b>					Deduction	(-)		191910		
2% I/T		34903										
6%ST		104708					<b>Net payable</b>			<b>1553227</b>		
SD balance as reqd.		52249										
Law charges		0										
Bill copy		50										
	Total deduction	<b>191910</b>										

<b>Security</b>		
Required as per LOA	486155	
By DRC No. 5825903 dt. 13.2.13 of UBI		203900
From Ist ONA		230006
From This Bill		52249
<b>Total</b>	486155	486155