

NorthCentral Railw:

THIRD ON ACCOUNT BILL

EB-4

Engg. Deptt.

IE-194

Bill No. JHS/DyCEE/C/ T/ 04/10 dt.20.1.14

Contractor -M/s Sanfield (India) Ltd.. 112 Ganga Jammuna complex,,Plot No. 202, Zone-I, MP Nagar BHOPAL 462011**Name of work:-**,Supply,erection,testing and commissioning of 11KV OH line DP structure 63KVA 11/0.4 KV pole mounting type transformer, MDB, LT panels ETC in connection with stringing of dedicated feeder at 09 stations of Jhansi Division

Authority of work- JHS/DyCEE/C/ T/ 04/10 Dated 3.5.11

Agreement no.- JHS/DyCEE/C/ T/ 04/10 Dated 7.6.11

Account of work executed										
Since last Certificate	ItemNo	DESCRIPTION OF WORK		Unit in words and fig.	Rates in words & fig.	Qty. executed since last certificate	Qty. executed upto date as per MB	Payment on the basis of actual measurement	Since last Certificate	Remarks with reasons For delay in adjusting payment
2	4	5			6	8	9	10	11	12

PAYMENT MADE THROUGH EFT/RTGS

Date of comm. -3.5.11

Date of measurement- 16.1.14

Date of work done-16.1.14

Date of completion-2.11.11

BANK: Axis Bank Ltd M.P. Nagar Branch**ACCOUNT NO.** 044010200005395**IFSC Code** UTIB0000044**PAN :** AAACS5832P**WORK DONE**

1	Supply, erection, testing and commissioning of 11/ 0.4 KV 63 KVA transformer , copper wound as per IS 2026 (latest) with bushing on HT side & Cable end termination on LV side ,including centrifuging of the transformer oil to achieve prescribed BDV value as per relevant IS(Prepaid 70% of 9 now to be paid . Nil	nos	9	167073	0	9	1052559.9	0	
ITEM NO. 2 not operated									
3	Transportation, cutting, foundation ,erection of DP structure with poles 11 to 13 m long, 11 KV pin type , disc type porcelain insulators, danger board, anti climbing device, MS channel 100x50x4.7 mm, MS flat 50x6mm, MS angle 50x50 x6 mm complete including , painting & muffing of rail poles.(Note:-Scrap rail poles will be supplied by the Railway in designated stores, & transportation up to the site will be done by the contractor at his own cost) (Prepaid Nil now to be paid 70% of 18	18	Nos	11362	18	18	143161.2	143161.2	70% OF 18
4	Supply, erection, testing and commissioning of 11 KV lightning arrestor .(Prepaid Nil now to be paid 70% of 9	Nos	9	3148	9	9	19832.4	19832.4	70% OF 9
5 b	Supply of material & termination of XLPE/PVC insulated LT cable of size 4 core 95sqmm / 120 sqmm with proper size of crimping socket lugs as required (one set termination shall include all cores of cable at one end)(Prepaid 70% of 72. now to be paid Nil	set	72	203	0	72	10231.2	0	

	ITEM NO. 6 to 7 not operated								
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8	Supply, erection, testing and commissioning of pillar type MDB outdoor type, weather proof, floor mounting type of suitable size made out from MS enclosure sheet 1.6 mm thick on outer side and 2.5 mm thick centre plate, M.S. angle of required size complete with locking arrangement, centre opening door, painting (red oxide primary coat followed by 2 coat of Al paint). The MDB shall be mounted on the brick masonry foundation of suitable size at the height of 300 mm from the ground level. Main TPN bus bar inside MDB shall be of copper strip 300 A capacity, fitted on the post type porcelain insulators.(Prepaid Nil now to be paid 70% of 18	Nos	18	11643	18	18	146701.8	146701.8	70% OF 18
8/a	Supply, erection, testing and commissioning of following								
i	Switch fuse unit TPN 200A / 415 Volt AC with rewirable porcelain fuse unit & sheet steel enclosure complete.(Prepaid Nil now to be paid 70% of 18	nos	18	10166	18	18	128091.6	128091.6	70% OF 18
ii	Switch fuse unit TPN, 100/415V conforming to IS:13947 (Pt I&II latest)with rewirable porcelain fuse unit & sheet steel enclosure complete.(Prepaid Nil now to be paid 70% of 36	nos	36	6264	36	36	157852.8	157852.8	70% OF 36
iii	Switch fuse unit TPN, 63/415V conforming to IS:13947 (Pt I&II latest)with rewirable poecelain fuse unit & sheet steel enclosure complete.(Prepaid Nil now to be paid 70% of 36	nos	36	3364	36	36	84772.8	84772.8	70% OF 36
iv	Volt meter flush type ISI mark 0-500V AC with selector switch.(Prepaid Nil now to be paid 70% of 18	nos	18	1962	18	18	24721.2	24721.2	70% OF 18
v	LED type indication lamps .(Prepaid Nil now to be paid 70% of 54	nos	54	163	54	54	6161.4	6161.4	70% OF 54
ITEM NO. 9 not operated									
10	Supply & erection of earth electrode with 600x600x3 mm thick Copper plate earth electrode as per IS 3043/1987 (Latest Version), to achieve earth resistance less than one Ohm including construction of masonry enclosure with hinged cover plate of cast iron with locking arrangement on top watering pipe connection from earth plate to top with 50mm dia x 3000 mm GI pipe class B and provision of earth plate.(Prepaid 70% of 27 now to be paid nil)	Nos	27	6328		27	119599.2	0	
10/a	Supply, erection & connection of copper strip 20x3mm as per IS 3043/1987 (Latest Version) 300 mm deep, in ground/recessing in floor for neutral of transformer as per relavent IS. (Prepaid Nil now to be paid 70% of 300.	Mtr	300	223	0	300	46830	0	

10/b	Supply & erection of earth electrode with 600x600x6 mm thick GI plate earth electrode as per IS 3043/1987 (Latest Version), to achieve earth resistance less than one Ohm including construction of masonry enclosure with hinged cover plate of cast iron with locking arrangement on top watering pipe connection from earth plate to top with 50mm dia x 3000 mm GI pipe class B as per drawing and provision of earth plate. (Prepaid 70% of 26. now to be paid 70% of 4	nos	30	3068	4	30	64428	8590.4	70% OF 4
10/c	Supply , erection & connection of GI strip of size 25mmx3mm as per IS 3043/1987 (Latest Version) 300 mm deep, in ground/recessing in floor clamping in trenches of sub station by grouting clamps for earthing of body of package type Sub station as per drawing approved by Railways.(Prepaid 70% of 300 now to be paid Nil	Mtr	300	62	0	300	13020	0	
ITEM NO. 11 not operated									
12	Supply & erection of swaged type steel tubular poles 11 mtr long designation 410SP-53 (183kg) conforming to IS:2713 Part I &II of 1980 (latest) with base plate ,ear thing bolt , digging of pit in ground making CC foundation , erection of pole vertically , including danger board , ant climbing device & painting complete .(Prepaid 70% of 360 now to be paid Nil	nos	360	13324	0	360	3357648	0	
12/a	Supply & erection of V type HT cross arm channel of size 100 x 50 x 4.7 mm, MS flat of size 50 x 6 mm, MS angle 75x75x6mm not less than 1525 mm long with 11kv pin/disc type porcelain insulator (3 nos.) including MS nuts, bolts, washers, & one coat of red oxide primer and two coats of alu paint. (Prepaid 70% of 360 now to be paid Nil	set	360	1708		360	430416	0	
13	Supply & erection of stayset to poles complete with CC foundation in ratio 1:3: 6, stay rod , stay tightner, stay insulator , stay GI wire 7/8 SWG, thimble and other fixing accessories as required .(Prepaid 70% of 50 now to be paid Nil	Set	50	1526	0	50	53410	0	
14	Supply & erection of single earth electrode of 50 mm dia GI pipe Class B conforming to IS :1339 latest complete with earth box with cover as per RDSO approved drg including connection from earth electrode to MDB/SDB/poles /with 8 SWG GI wire. (Prepaid 70% of 60 now to be paid Nil	nos	60	3162		60	132804	0	
15	Supply, erection, testing & commissioning of guard wires of 2x8 SWG GI Wires for guarding with lacing at the intervals of not more than 2.0 Mtrs (Prepaid Nil now to be paid 70% of 18000	Meter	18000	29	18000	18000	365400	365400	70% of 18000

16	Supply , erection, testing and commissioning of LT panel indoor type, factory fabricated (IP 54) , made out from MS enclosure sheet 14SWG , Painting by powder coats of approved colour ,complete with top/bottom removable gland plate as required , hinged and lockable doors , dust and vermin proof , with all inter connections, TPN electrolyte Alu bus bar .MDB shall be of required capacity , digital type ammeter, voltmeter , & indication lamps consisting of 1x100A TP SFU , on incoming side and 2x32A TP SFU +8x63A DP SFU on out going side complete as per specification attached.(All SFUs with HRC fuses)(Prepaid Nil now to be paid 70% of 9	Nos	9	37839	9	9	238385.7	238385.7	70% of 9
17	Supply and fixing of GI pipe 50mm dia class 'B' IS:1239 Pt I latest with all fixing accessories for drawing the cables at support . Prepaid 70% of 150 now to be paid Nil	mtr	150	228	0	150	23940	0	
18	Supply and fixing of GI pipe 75 mm dia class 'B' IS: 1239 Pt I latest with all fixing accessories for drawing the cables at support . (Prepaid 70% of 100 now to be paid Nil	mtr	100	311	0	100	21770	0	

Deduction on Rs.	1141005
2% I/T	22820
4% T/Tax,	45640
Balance SD	0
1% cess of UPBNK	11410
Bill copy	50
Total deduction	79920

Total		6641737.20	1323671.30
Below (-) -13.80%		-916559.73	-182666.64
		5725177.47	1141004.66
Prepaid (-)		-4584173	
		1141004.66	
Say Rs.		1141005	
Deduction (-)		-79920	
Net amount		1061085	