



L&T Construction

Power Transmission & Distribution

CLIENT :



BIHAR STATE POWER TRANSMISSION CO.LTD., PATNA

PROJECT :

PACKAGE - NIT 77 UNDER STATE PLAN [80:20], CONSTRUCTION OF :
(I) LILO OF BARH-PATNA 400 KV D/C (QUAD) TL AT BAKHTIYARPUR (LINE LENGTH 10RKM),
(II) 220 KV D/C BAKHTIYARPUR - SHEIKHPURA TL (ACSR ZEBRA) (LINE LENGTH - 51 RKM),
(III) 220 KV D/C BAKHTIYARPUR -HATHIDAH TL (ACSR ZEBRA) (LINE LENGTH -52 RKM) AND
(IV) 220 KV D/C BAKHTIYARPUR – FATHUA TL (ACSR ZEBRA) (LINE LENGTH - 28 RKM)

Spec. No. : NIT no. 77/PR/BSPTCL/2018

DRG. No. : O18089-T-TL-8D-GA-0404 (SHEET 1 TO 7)

BOM No. : BOM/LE19D023/4DD/004

NO OF SHEETS: 29

BILL OF MATERIAL

BASIC BODY FOR TOWER TYPE - "4DD/DE"

400KV D/C QUAD ACSR MOOSE (WZ-4)

WEIGHT OF STRUCTURE	
HT MEMBERS: BOM/LE19D023/PQDBS	19546.056
MS MEMBERS INCLUDING PACK WASHERS AND ACCESSORIES ECT. BOM/LE19D023/PQDBS = 5486.955 BOM/LE19D023/PQDBW = 25.468	5512.423
WEIGHT OF BOLTS & NUTS, SPRING WASHERS AND STEP BOLTS BOM/LE19D023/PQDBN	1078.029
TOTAL WEIGHT OF STRUCTURE:	26136.508 Kgs

APPROVED

Subject to the condition that you are not absolved the responsibility for correctness of the material supplied as per specification

24/7/19

Electrical Superintending Engineer
(Planning and Engineering)
Bihar State Power Transmission Company Limited
Vidyut Bhawan, Patna-800021

SUCCESSFULLY TESTED AT L&T-TLTRS-KANCHIPURAM
ON 23rd OF JULY 2019

0	24.07.19	SUBMISSION FOR APPROVAL AFTER SUCCESSFUL TESTING				PU	BSR	CSR
REV.	DATE	DESCRIPTION				CHKD.	REVED.	APPD.
PREPARED BY		CHECKED BY	REVIEWED BY	APPROVED BY		DATE		
MBR		PU	BSR	CSR		24.07.19		

THIS IS PROPRIETARY ITEM AND DESIGN RIGHT IS STRICTLY RESERVED WITH BSPTCL UNDER NO CIRCUMSTANCES THIS DRAWING SHALL BE USED BY ANYBODY WITHOUT PRIOR PERMISSION FROM BSPTCL IN WRITING.



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
979, Mount-Poonamallee Road, Manapakkam,
Tamilnadu-600089, PHONE :044-22526000, FAX :044-22526059

Date: 24-Jul-2019

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BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass.Wt
BOM OF BASIC BODY FOR TOWER TYPE - "4DD/DE" (400kV D/C QUAD)								
1	77B4DD130SH	L150X150X12H-E350A	5700.00	27.300	2	155.610	311.220	
2	77B4DD130AH	L150X150X12H-E350A	5700.00	27.300	2	155.610	311.220	
3	77B4DD131H	L150X150X12H-E350A	5700.00	27.300	2	155.610	311.220	
4	77B4DD131AH	L150X150X12H-E350A	5700.00	27.300	2	155.610	311.220	
5	77B4DD132SH	L150X150X12H-E350A	6122.00	27.300	2	167.131	334.262	
6	77B4DD132AH	L150X150X12H-E350A	6122.00	27.300	2	167.131	334.262	
7	77B4DD133H	L150X150X12H-E350A	6149.00	27.300	2	167.868	335.736	
8	77B4DD133AH	L150X150X12H-E350A	6149.00	27.300	2	167.868	335.736	
9	77B4DD134H	L150X150X12H-E350A	476.00	27.300	8	12.995	103.960	
10	77B4DD134AH	L150X150X12H-E350A	476.00	27.300	8	12.995	103.960	
11	77B4DD134BH	L150X150X10H-E350A	476.00	22.900	8	10.900	87.200	
12	77B4DD134CH	L150X150X10H-E350A	476.00	22.900	8	10.900	87.200	
13	77B4DD135H	14MM PLATE H-E350A	286.00 X 476.00	109.900	4	14.961	59.844	
14	77B4DD135AH	14MM PLATE H-E350A	286.00 X 476.00	109.900	4	14.961	59.844	
15	77B4DD136H	14MM PLATE H-E350A	130.00 X 476.00	109.900	8	6.801	54.408	
16	77B4DD136AH	14MM PLATE H-E350A	130.00 X 476.00	109.900	8	6.801	54.408	
17	77B4DD137	6MM PLATE-E250A	90.00 X 230.00	47.100	16	0.975	15.600	
18	77B4DD138H	14MM PLATE H-E350A	62.00 X 316.00	109.900	4	2.153	8.612	
19	77B4DD139H	14MM PLATE H-E350A	110.00 X 316.00	109.900	40	3.820	152.800	
20	77B4DD140H	14MM PLATE H-E350A	292.00 X 316.00	109.900	4	10.141	40.564	
21	77B4DD141H	14MM PLATE H-E350A	252.00 X 316.00	109.900	4	8.752	35.008	
22	77B4DD142H	14MM PLATE H-E350A	191.00 X 316.00	109.900	4	6.633	26.532	
23	77B4DD143H	14MM PLATE H-E350A	232.00 X 316.00	109.900	4	8.057	32.228	
24	77B4DD144H	L150X150X10H-E350A	230.00	22.900	4	5.267	21.068	
25	77B4DD144AH	L150X150X10H-E350A	230.00	22.900	4	5.267	21.068	
26	77B4DD145LH	14MM PLATE H-E350A	605.00 X 610.00	109.900	1	40.559	40.559	
27	77B4DD145RH	14MM PLATE H-E350A	605.00 X 610.00	109.900	1	40.559	40.559	
28	77B4DD146LH	14MM PLATE H-E350A	258.00 X 551.00	109.900	2	15.623	31.246	
29	77B4DD146RH	14MM PLATE H-E350A	258.00 X 551.00	109.900	2	15.623	31.246	
30	77B4DD147LH	14MM PLATE H-E350A	179.00 X 551.00	109.900	2	10.839	21.678	
31	77B4DD147RH	14MM PLATE H-E350A	179.00 X 551.00	109.900	2	10.839	21.678	
32	77B4DD148LH	14MM PLATE H-E350A	605.00 X 610.00	109.900	1	40.559	40.559	
33	77B4DD148RH	14MM PLATE H-E350A	605.00 X 610.00	109.900	1	40.559	40.559	

APPROVED

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supplied as per specification

** -- Item Welded with another item
*** -- Item Assembled with another item

Electrical Superintending Engineer
(Planning and Engineering)

Bihar State Power Transmission Company Limited
Vidyut Bhawan Patna-800021

Sk
16.08.19



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
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Date: 24-Jul-2019

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BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass.Wt
34	77B4DD149H	L150X150X10H-E350A	272.00	22.900	4	6.229	24.916	
35	77B4DD149AH	L150X150X10H-E350A	272.00	22.900	4	6.229	24.916	
36	77B4DD150H	L110X110X8H-E350A	5250.00	13.400	4	70.350	281.400	
37	77B4DD151H	L110X110X8H-E350A	5253.00	13.400	4	70.390	281.560	
38	77B4DD152H	L110X110X8H-E350A	5250.00	13.400	4	70.350	281.400	
39	77B4DD153H	L110X110X8H-E350A	5253.00	13.400	4	70.390	281.560	
40	77B4DD154H	L110X110X8H-E350A	4468.00	13.400	4	59.871	239.484	
41	77B4DD155H	L110X110X8H-E350A	5175.00	13.400	4	69.345	277.380	
42	77B4DD156H	L110X110X8H-E350A	5175.00	13.400	4	69.345	277.380	
43	77B4DD157H	L110X110X8H-E350A	4468.00	13.400	4	59.871	239.484	
44	77B4DD158H	L100X100X8H-E350A	5229.00	12.100	4	63.271	253.084	
45	77B4DD159H	L100X100X8H-E350A	4666.00	12.100	4	56.459	225.836	
46	77B4DD160H	L100X100X8H-E350A	4664.00	12.100	4	56.434	225.736	
47	77B4DD161H	L100X100X8H-E350A	5231.00	12.100	4	63.295	253.180	
48	77B4DD162LH	L90X90X6H-E350A	346.00	8.200	8	2.837	22.696	
49	77B4DD162RH	L90X90X6H-E350A	346.00	8.200	8	2.837	22.696	
50	77B4DD163H	14MM PLATE H-E350A	90.00 X 346.00	109.900	8	3.422	27.376	
51	77B4DD164H	6MM PLATE H-E350A	216.00 X 346.00	47.100	8	3.520	28.160	
52	77B4DD165H	L90X90X6H-E350A	346.00	8.200	8	2.837	22.696	
53	77B4DD166H	14MM PLATE H-E350A	90.00 X 346.00	109.900	8	3.422	27.376	
54	77B4DD167H	6MM PLATE H-E350A	216.00 X 346.00	47.100	8	3.520	28.160	
55	77B4DD168L	L50X50X4-E250A	1094.00	3.000	4	3.282	13.128	
56	77B4DD168R	L50X50X4-E250A	1094.00	3.000	4	3.282	13.128	
57	77B4DD169L	L55X55X4-E250A	1989.00	3.300	4	6.564	26.256	
58	77B4DD169R	L55X55X4-E250A	1989.00	3.300	4	6.564	26.256	
59	77B4DD170L	L65X65X5-E250A	2218.00	4.900	4	10.868	43.472	
60	77B4DD170R	L65X65X5-E250A	2218.00	4.900	4	10.868	43.472	
61	77B4DD171L	L65X65X5-E250A	2644.00	4.900	4	12.956	51.824	
62	77B4DD171R	L65X65X5-E250A	2644.00	4.900	4	12.956	51.824	
63	77B4DD172L	L45X45X4-E250A	2927.00	2.700	4	7.903	31.612	
64	77B4DD172R	L45X45X4-E250A	2927.00	2.700	4	7.903	31.612	
65	77B4DD173L	L60X60X4-E250A	2077.00	3.700	4	7.685	30.740	
66	77B4DD173R	L60X60X4-E250A	2077.00	3.700	4	7.685	30.740	
67	77B4DD174L	L65X65X4-E250A	3521.00	4.000	4	14.084	56.336	

APPROVED

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Electrical Superintending Engineer
(Planning and Engineering)

Bihar State Power Transmission Company Limited
Vidvat, Patna-800021

12.08.19



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
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Tamilnadu-600089, PHONE :044-22526000, FAX :044-22526059

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BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass.Wt
68	77B4DD174R	L65X65X4-E250A	3521.00	4.000	4	14.084	56.336	
69	77B4DD175	6MM PLATE-E250A	112.00 X 185.00	47.100	8	0.976	7.808	
70	77B4DD176L	L50X50X4-E250A	3217.00	3.000	4	9.651	38.604	
71	77B4DD176R	L50X50X4-E250A	3217.00	3.000	4	9.651	38.604	
72	77B4DD177H	14MM PLATE H-E350A	397.00 X 432.00	109.900	4	18.848	75.392	
73	77B4DD178L	L65X65X4-E250A	3384.00	4.000	4	13.536	54.144	
74	77B4DD178R	L65X65X4-E250A	3384.00	4.000	4	13.536	54.144	
75	77B4DD178A	6MM PLATE-E250A	105.00 X 110.00	47.100	8	0.544	4.352	
76	77B4DD179	6MM PLATE-E250A	172.00 X 200.00	47.100	8	1.620	12.960	
77	77B4DD180	8MM PLATE-E250A	50.00 X 200.00	62.800	8	0.628	5.024	
78	77B4DD181L	L45X45X4-E250A	1948.00	2.700	4	5.260	21.040	
79	77B4DD181R	L45X45X4-E250A	1948.00	2.700	4	5.260	21.040	
80	77B4DD182L	L55X55X4-E250A	1748.00	3.300	4	5.768	23.072	
81	77B4DD182R	L55X55X4-E250A	1748.00	3.300	4	5.768	23.072	
82	77B4DD183L	L55X55X4-E250A	1625.00	3.300	4	5.363	21.452	
83	77B4DD183R	L55X55X4-E250A	1625.00	3.300	4	5.363	21.452	
84	77B4DD184	6MM PLATE-E250A	158.00 X 172.00	47.100	8	1.280	10.240	
85	77B4DD185	8MM PLATE-E250A	50.00 X 158.00	62.800	8	0.496	3.968	
86	77B4DD186	12MM PLATE-E250A	85.00 X 140.00	94.200	8	1.121	8.968	
87	77B4DD186A	10MM PLATE-E250A	85.00 X 140.00	78.500	8	0.934	7.472	
88	77B4DD187H	L75X75X6H-E350A	6885.00	6.800	2	46.818	93.636	
89	77B4DD188H	L75X75X6H-E350A	6893.00	6.800	2	46.872	93.744	
90	77B4DD189H	L80X80X6H-E350A	6884.00	7.300	2	50.253	100.506	
91	77B4DD190H	L45X45X4H-E350A	1426.00	2.700	4	3.850	15.400	
92	77B4DD191	L50X50X4-E250A	3257.00	3.000	4	9.771	39.084	
93	77B4DD191X	L50X50X4-E250A	3257.00	3.000	4	9.771	39.084	
94	77B4DD192	L55X55X4-E250A	4507.00	3.300	8	14.873	118.984	
95	77B4DD193	L65X65X4-E250A	5707.00	4.000	8	22.828	182.624	
96	77B4DD194	6MM PLATE-E250A	110.00 X 176.00	47.100	8	0.912	7.296	
97	77B4DD195H	6MM PLATE H-E350A	110.00 X 286.00	47.100	8	1.482	11.856	
98	77B4DD196L	6MM PLATE-E250A	124.00 X 306.00	47.100	4	1.787	7.148	
99	77B4DD196R	6MM PLATE-E250A	124.00 X 306.00	47.100	4	1.787	7.148	
100	77B4DD197L	6MM PLATE-E250A	134.00 X 330.00	47.100	4	2.083	8.332	
101	77B4DD197R	6MM PLATE-E250A	134.00 X 330.00	47.100	4	2.083	8.332	

APPROVED

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*** -- Item Assembled with another item

Electrical Superintending Engineer
(Planning and Engineering)

Binar State Power Transmission Company Limited
vidyal nagar Chennai-600002

Sk
16.08.19



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Date: 24-Jul-2019

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BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass.Wt
102	77B4DD198L	6MM PLATE-E250A	110.00 X 317.00	47.100	4	1.642	6.568	
103	77B4DD198R	6MM PLATE-E250A	110.00 X 317.00	47.100	4	1.642	6.568	
104	77B4DD199	L50X50X4-E250A	5122.00	3.000	8	15.366	122.928	
105	77B4DD200	L45X30X4-E250A	1036.00	2.200	8	2.279	18.232	
106	77B4DD201	L50X50X4-E250A	3503.00	3.000	8	10.509	84.072	
107	77B4DD202H	L50X50X4H-E350A	2107.00	3.000	4	6.321	25.284	
108	77B4DD203L	6MM PLATE-E250A	110.00 X 308.00	47.100	4	1.596	6.384	
109	77B4DD203R	6MM PLATE-E250A	110.00 X 308.00	47.100	4	1.596	6.384	
110	77B4DD204L	6MM PLATE-E250A	150.00 X 362.00	47.100	4	2.558	10.232	
111	77B4DD204R	6MM PLATE-E250A	150.00 X 362.00	47.100	4	2.558	10.232	
112	77B4DD205H	6MM PLATE H-E350A	110.00 X 281.00	47.100	8	1.456	11.648	
113	77B4DD206	6MM PLATE-E250A	110.00 X 176.00	47.100	8	0.912	7.296	
114	77B4DD207	6MM PLATE-E250A	95.00 X 165.00	47.100	4	0.738	2.952	
115	77B4DD230SH	L150X150X12H-E350A	4013.00	27.300	2	109.555	219.110	
116	77B4DD230AH	L150X150X12H-E350A	4013.00	27.300	2	109.555	219.110	
117	77B4DD231H	L150X150X12H-E350A	3775.00	27.300	2	103.058	206.116	
118	77B4DD231AH	L150X150X12H-E350A	3775.00	27.300	2	103.058	206.116	
119	77B4DD232SH	L150X150X16H-E350A	4775.00	35.800	2	170.945	341.890	
120	77B4DD233H	L150X150X16H-E350A	4775.00	35.800	2	170.945	341.890	
121	77B4DD234H	L110X110X10H-E350A	476.00	16.600	8	7.902	63.216	
122	77B4DD235H	14MM PLATE H-E350A	266.00 X 476.00	109.900	4	13.915	55.660	
123	77B4DD236H	14MM PLATE H-E350A	115.00 X 476.00	109.900	8	6.016	48.128	
124	77B4DD237H	14MM PLATE H-E350A	110.00 X 316.00	109.900	12	3.820	45.840	
125	77B4DD238H	L150X150X10H-E350A	356.00	22.900	4	8.152	32.608	
126	77B4DD238AH	L150X150X10H-E350A	356.00	22.900	4	8.152	32.608	
127	77B4DD239H	14MM PLATE H-E350A	130.00 X 275.00	109.900	8	3.929	31.432	
128	77B4DD240H	L150X150X10H-E350A	391.00	22.900	4	8.954	35.816	
129	77B4DD240AH	L150X150X10H-E350A	391.00	22.900	4	8.954	35.816	
130	77B4DD241H	14MM PLATE H-E350A	376.00 X 382.00	109.900	4	15.785	63.140	
131	77B4DD242H	14MM PLATE H-E350A	227.00 X 308.00	109.900	4	7.684	30.736	
132	77B4DD243H	14MM PLATE H-E350A	130.00 X 308.00	109.900	4	4.400	17.600	
133	77B4DD244H	L150X150X10H-E350A	466.00	22.900	4	10.671	42.684	
134	77B4DD245H	L150X150X10H-E350A	466.00	22.900	8	10.671	85.368	
135	77B4DD246H	14MM PLATE H-E350A	316.00 X 466.00	109.900	4	16.183	64.732	

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Electrical Superintending Engineer
(Planning and Engineering)

State Power Transmission Corporation

SK
16.08.19

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BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass.Wt
136	77B4DD247H	14MM PLATE H-E350A	130.00 X 466.00	109.900	8	6.658	53.264	
137	77B4DD248	4MM PLATE-E250A	105.00 X 225.00	31.400	8	0.742	5.936	
138	77B4DD249	L45X45X4-E250A	1942.00	2.700	2	5.243	10.486	
139	77B4DD249AL	L45X45X4-E250A	1103.00	2.700	2	2.978	5.956	
140	77B4DD249AR	L45X45X4-E250A	1103.00	2.700	2	2.978	5.956	
141	77B4DD249BL	L60X60X4-E250A	2002.00	3.700	2	7.407	14.814	
142	77B4DD249BR	L60X60X4-E250A	2002.00	3.700	2	7.407	14.814	
143	77B4DD250H	L90X90X7H-E350A	3855.00	9.600	2	37.008	74.016	
144	77B4DD251H	L90X90X7H-E350A	4452.00	9.600	2	42.739	85.478	
145	77B4DD252H	L90X90X7H-E350A	4450.00	9.600	2	42.720	85.440	
146	77B4DD253H	L90X90X7H-E350A	3857.00	9.600	2	37.027	74.054	
147	77B4DD254H	L90X90X7H-E350A	3491.00	9.600	2	33.514	67.028	
148	77B4DD255H	L90X90X7H-E350A	3073.00	9.600	2	29.501	59.002	
149	77B4DD256H	L90X90X7H-E350A	3071.00	9.600	2	29.482	58.964	
150	77B4DD257H	L90X90X7H-E350A	3493.00	9.600	2	33.533	67.066	
151	77B4DD258H	L70X70X6H-E350A	286.00	6.300	4	1.802	7.208	
152	77B4DD259H	6MM PLATE H-E350A	176.00 X 286.00	47.100	4	2.371	9.484	
153	77B4DD260H	14MM PLATE H-E350A	70.00 X 286.00	109.900	4	2.200	8.800	
154	77B4DD261L	L60X60X4-E250A	1714.00	3.700	2	6.342	12.684	
155	77B4DD261R	L60X60X4-E250A	1714.00	3.700	2	6.342	12.684	
156	77B4DD261AL	L45X30X4-E250A	921.00	2.200	2	2.026	4.052	
157	77B4DD261AR	L45X30X4-E250A	921.00	2.200	2	2.026	4.052	
158	77B4DD262	6MM PLATE-E250A	102.00 X 130.00	47.100	4	0.625	2.500	
159	77B4DD262A	8MM PLATE-E250A	50.00 X 102.00	62.800	4	0.320	1.280	
160	77B4DD263LH	L90X90X6H-E350A	3054.00	8.200	2	25.043	50.086	
161	77B4DD263RH	L90X90X6H-E350A	3054.00	8.200	2	25.043	50.086	
162	77B4DD264H	14MM PLATE H-E350A	279.00 X 753.00	109.900	2	23.089	46.178	
163	77B4DD265	12MM PLATE-E250A	50.00 X 90.00	94.200	4	0.424	1.696	
164	77B4DD266L	L45X30X4-E250A	985.00	2.200	2	2.167	4.334	
165	77B4DD266R	L45X30X4-E250A	985.00	2.200	2	2.167	4.334	
166	77B4DD267L	L60X60X4-E250A	1911.00	3.700	2	7.071	14.142	
167	77B4DD267R	L60X60X4-E250A	1911.00	3.700	2	7.071	14.142	
168	77B4DD268	12MM PLATE-E250A	50.00 X 91.00	94.200	4	0.429	1.716	
169	77B4DD268A	10MM PLATE-E250A	50.00 X 91.00	78.500	4	0.357	1.428	

APPROVED

** -- Item Welded with another item
*** -- Item Assembled with another item

Subject to the condition that you are not absolved of
ne responsibility for correctness of the materials
supplied as per specification

Electrical Superintending Engineer
(Planning and Engineering)

8K
16.08.19

Bina State Power Transmission Company Limited



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
979, Mount-Poonamallee Road, Manapakkam,
Tamilnadu-600089, PHONE :044-22526000, FAX :044-22526059

Date: 24-Jul-2019

Page: 6 of 26

BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass.Wt
170	77B4DD269H	L100X100X8H-E350A	3905.00	12.100	2	47.251	94.502	
171	77B4DD270H	L100X100X8H-E350A	4502.00	12.100	2	54.474	108.948	
172	77B4DD271H	L100X100X8H-E350A	4500.00	12.100	2	54.450	108.900	
173	77B4DD272H	L100X100X8H-E350A	3907.00	12.100	2	47.275	94.550	
174	77B4DD273H	L100X100X7H-E350A	3396.00	10.700	2	36.337	72.674	
175	77B4DD274H	L100X100X7H-E350A	2942.00	10.700	2	31.479	62.958	
176	77B4DD275H	L100X100X7H-E350A	2941.00	10.700	2	31.469	62.938	
177	77B4DD276H	L100X100X7H-E350A	3397.00	10.700	2	36.348	72.696	
178	77B4DD277H	L80X80X6H-E350A	326.00	7.300	4	2.380	9.520	
179	77B4DD278H	6MM PLATE H-E350A	196.00 X 326.00	47.100	4	3.010	12.040	
180	77B4DD279H	14MM PLATE H-E350A	80.00 X 326.00	109.900	4	2.866	11.464	
181	77B4DD280	L50X50X4-E250A	1351.00	3.000	4	4.053	16.212	
182	77B4DD281	6MM PLATE-E250A	135.00 X 199.00	47.100	4	1.265	5.060	
183	77B4DD281A	8MM PLATE-E250A	50.00 X 199.00	62.800	4	0.625	2.500	
184	77B4DD282L	L55X55X4-E250A	2207.00	3.300	2	7.283	14.566	
185	77B4DD282R	L55X55X4-E250A	2207.00	3.300	2	7.283	14.566	
186	77B4DD283L	L45X45X4-E250A	2276.00	2.700	2	6.145	12.290	
187	77B4DD283R	L45X45X4-E250A	2276.00	2.700	2	6.145	12.290	
188	77B4DD284H	14MM PLATE H-E350A	362.00 X 472.00	109.900	2	18.778	37.556	
189	77B4DD285	6MM PLATE-E250A	110.00 X 130.00	47.100	4	0.674	2.696	
190	77B4DD285A	8MM PLATE-E250A	50.00 X 110.00	62.800	4	0.345	1.380	
191	77B4DD286L	L50X50X4-E250A	1571.00	3.000	2	4.713	9.426	
192	77B4DD286R	L50X50X4-E250A	1571.00	3.000	2	4.713	9.426	
193	77B4DD287H	14MM PLATE H-E350A	236.00 X 588.00	109.900	4	15.251	61.004	
194	77B4DD288	16MM PLATE-E250A	50.00 X 92.00	125.600	4	0.578	2.312	
195	77B4DD289H	L120X120X8H-E350A	5440.00	14.700	2	79.968	159.936	
196	77B4DD289A	16MM PLATE-E250A	90.00 X 125.00	125.600	4	1.413	5.652	
197	77B4DD290	L45X45X4-E250A	1940.00	2.700	2	5.238	10.476	
198	77B4DD291H	L90X90X6H-E350A	3855.00	8.200	2	31.611	63.222	
199	77B4DD292H	L90X90X6H-E350A	4452.00	8.200	2	36.506	73.012	
200	77B4DD293H	L90X90X6H-E350A	4450.00	8.200	2	36.490	72.980	
201	77B4DD294H	L90X90X6H-E350A	3857.00	8.200	2	31.627	63.254	
202	77B4DD295H	L80X80X6H-E350A	3485.00	7.300	2	25.441	50.882	
203	77B4DD296H	L80X80X6H-E350A	3067.00	7.300	2	22.389	44.778	

APPROVED

Subject to the condition that you are not absolved of
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supplied as per specification

** -- Item Welded with another item
*** -- Item Assembled with another item

Electrical Superintending Engineer
(Planning and Engineering)

Binar State Power Transmission Company Limited
Viduthal - Chennai - 600002

gk
16.08.19



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
979, Mount-Poonamallee Road, Manapakkam,
Tamilnadu-600089, PHONE :044-22526000, FAX :044-22526059

Date: 24-Jul-2019

Page: 7 of 26

BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass.Wt
204	77B4DD297H	L80X80X6H-E350A	3065.00	7.300	2	22.375	44.750	
205	77B4DD298H	L80X80X6H-E350A	3487.00	7.300	2	25.455	50.910	
206	77B4DD299H	L70X70X5H-E350A	286.00	5.300	4	1.516	6.064	
207	77B4DD300H	14MM PLATE H-E350A	70.00 X 286.00	109.900	4	2.200	8.800	
208	77B4DD301H	6MM PLATE H-E350A	156.00 X 286.00	47.100	4	2.101	8.404	
209	77B4DD302L	L60X60X4-E250A	1714.00	3.700	2	6.342	12.684	
210	77B4DD302R	L60X60X4-E250A	1714.00	3.700	2	6.342	12.684	
211	77B4DD302AL	L45X30X4-E250A	921.00	2.200	2	2.026	4.052	
212	77B4DD302AR	L45X30X4-E250A	921.00	2.200	2	2.026	4.052	
213	77B4DD303	6MM PLATE-E250A	102.00 X 130.00	47.100	4	0.625	2.500	
214	77B4DD303A	8MM PLATE-E250A	50.00 X 102.00	62.800	4	0.320	1.280	
215	77B4DD304LH	L80X80X6H-E350A	3060.00	7.300	1	22.338	22.338	
216	77B4DD304RH	L80X80X6H-E350A	3060.00	7.300	1	22.338	22.338	
217	77B4DD304ALH	L80X80X6H-E350A	3060.00	7.300	1	22.338	22.338	
218	77B4DD304ARH	L80X80X6H-E350A	3060.00	7.300	1	22.338	22.338	
219	77B4DD305H	14MM PLATE H-E350A	280.00 X 622.00	109.900	2	19.140	38.280	
220	77B4DD306L	L45X30X4-E250A	985.00	2.200	2	2.167	4.334	
221	77B4DD306R	L45X30X4-E250A	985.00	2.200	2	2.167	4.334	
222	77B4DD307L	L60X60X4-E250A	1911.00	3.700	2	7.071	14.142	
223	77B4DD307R	L60X60X4-E250A	1911.00	3.700	2	7.071	14.142	
224	77B4DD308	12MM PLATE-E250A	50.00 X 90.00	94.200	4	0.424	1.696	
225	77B4DD308A	10MM PLATE-E250A	50.00 X 90.00	78.500	4	0.353	1.412	
226	77B4DD309H	L90X90X6H-E350A	3871.00	8.200	2	31.742	63.484	
227	77B4DD310H	L90X90X6H-E350A	4402.00	8.200	2	36.096	72.192	
228	77B4DD311H	L90X90X6H-E350A	4400.00	8.200	2	36.080	72.160	
229	77B4DD312H	L90X90X6H-E350A	3873.00	8.200	2	31.759	63.518	
230	77B4DD313H	L80X80X6H-E350A	3375.00	7.300	2	24.638	49.276	
231	77B4DD314H	L80X80X6H-E350A	2978.00	7.300	2	21.739	43.478	
232	77B4DD315H	L80X80X6H-E350A	2977.00	7.300	2	21.732	43.464	
233	77B4DD316H	L80X80X6H-E350A	3376.00	7.300	2	24.645	49.290	
234	77B4DD317H	L70X70X5H-E350A	286.00	5.300	4	1.516	6.064	
235	77B4DD318H	6MM PLATE H-E350A	154.00 X 286.00	47.100	4	2.074	8.296	
236	77B4DD319H	12MM PLATE H-E350A	70.00 X 286.00	94.200	4	1.886	7.544	
237	77B4DD320H	12MM PLATE H-E350A	311.00 X 389.00	94.200	2	11.396	22.792	

APPROVED

Subject to the condition that you are not absolved of
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** -- Item Welded with another item
*** -- Item Assembled with another item

Electrical Superintending Engineer
(Planning and Engineering)

Bihar State Power Transmission Corporation Limited

vidyut shawar - and-00021

Sk
16.08.19



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
979, Mount-Poonamallee Road, Manapakkam,
Tamilnadu-600089, PHONE :044-22526000, FAX :044-22526059

Date: 24-Jul-2019

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BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass.Wt
238	77B4DD321L	L50X50X4-E250A	1355.00	3.000	2	4.065	8.130	
239	77B4DD321R	L50X50X4-E250A	1355.00	3.000	2	4.065	8.130	
240	77B4DD322	6MM PLATE-E250A	130.00 X 195.00	47.100	4	1.194	4.776	
241	77B4DD322A	6MM PLATE-E250A	50.00 X 195.00	47.100	4	0.459	1.836	
242	77B4DD323L	L55X55X4-E250A	2158.00	3.300	2	7.121	14.242	
243	77B4DD323R	L55X55X4-E250A	2158.00	3.300	2	7.121	14.242	
244	77B4DD324L	L45X45X4-E250A	2211.00	2.700	2	5.970	11.940	
245	77B4DD324R	L45X45X4-E250A	2211.00	2.700	2	5.970	11.940	
246	77B4DD325L	L50X50X4-E250A	1605.00	3.000	2	4.815	9.630	
247	77B4DD325R	L50X50X4-E250A	1605.00	3.000	2	4.815	9.630	
248	77B4DD326	6MM PLATE-E250A	110.00 X 110.00	47.100	4	0.570	2.280	
249	77B4DD326A	6MM PLATE-E250A	50.00 X 110.00	47.100	4	0.259	1.036	
250	77B4DD327H	12MM PLATE H-E350A	155.00 X 499.00	94.200	4	7.286	29.144	
251	77B4DD328	L100X100X6-E250A	5677.00	9.200	1	52.228	52.228	
252	77B4DD328A	L100X100X6-E250A	5717.00	9.200	1	52.596	52.596	
253	77B4DD329H	L50X50X4H-E350A	2301.00	3.000	4	6.903	27.612	
254	77B4DD330	L50X50X4-E250A	3357.00	3.000	8	10.071	80.568	
255	77B4DD331	6MM PLATE-E250A	110.00 X 156.00	47.100	8	0.808	6.464	
256	77B4DD332LH	6MM PLATE H-E350A	134.00 X 289.00	47.100	4	1.824	7.296	
257	77B4DD332RH	6MM PLATE H-E350A	134.00 X 289.00	47.100	4	1.824	7.296	
258	77B4DD333L	6MM PLATE-E250A	113.00 X 279.00	47.100	4	1.485	5.940	
259	77B4DD333R	6MM PLATE-E250A	113.00 X 279.00	47.100	4	1.485	5.940	
260	77B4DD334H	L50X50X4H-E350A	2188.00	3.000	4	6.564	26.256	
261	77B4DD335LH	6MM PLATE H-E350A	110.00 X 287.00	47.100	4	1.487	5.948	
262	77B4DD335RH	6MM PLATE H-E350A	110.00 X 287.00	47.100	4	1.487	5.948	
263	77B4DD336	6MM PLATE-E250A	110.00 X 156.00	47.100	8	0.808	6.464	
264	77B4DD337LH	L50X50X4H-E350A	2059.00	3.000	2	6.177	12.354	
265	77B4DD337RH	L50X50X4H-E350A	2059.00	3.000	2	6.177	12.354	
266	77B4DD338L	L45X45X4-E250A	3068.00	2.700	2	8.284	16.568	
267	77B4DD338R	L45X45X4-E250A	3068.00	2.700	2	8.284	16.568	
268	77B4DD339L	L45X45X4-E250A	3092.00	2.700	2	8.348	16.696	
269	77B4DD339R	L45X45X4-E250A	3092.00	2.700	2	8.348	16.696	
270	77B4DD340	6MM PLATE-E250A	110.00 X 166.00	47.100	4	0.860	3.440	
271	77B4DD340A	6MM PLATE-E250A	110.00 X 164.00	47.100	4	0.850	3.400	

APPROVED

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Electrical Superintending Engineer
(Planning and Engineering)

Bihar State Power Transmission Company Limited

Vidya Nagar, Patna-800021

16.06.19



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
979, Mount-Poonamallee Road, Manapakkam,
Tamilnadu-600089, PHONE :044-22526000, FAX :044-22526059

Date: 24-Jul-2019

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BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass.Wt
272	77B4DD341H	6MM PLATE H-E350A	110.00 X 271.00	47.100	4	1.404	5.616	
273	77B4DD341AH	6MM PLATE H-E350A	110.00 X 259.00	47.100	4	1.342	5.368	
274	77B4DD342L	6MM PLATE-E250A	113.00 X 293.00	47.100	2	1.559	3.118	
275	77B4DD342R	6MM PLATE-E250A	113.00 X 293.00	47.100	2	1.559	3.118	
276	77B4DD343L	6MM PLATE-E250A	113.00 X 282.00	47.100	2	1.501	3.002	
277	77B4DD343R	6MM PLATE-E250A	113.00 X 282.00	47.100	2	1.501	3.002	
278	77B4DD344H	L45X45X4H-E350A	1968.00	2.700	4	5.314	21.256	
279	77B4DD345H	6MM PLATE H-E350A	110.00 X 271.00	47.100	4	1.404	5.616	
280	77B4DD346H	6MM PLATE H-E350A	110.00 X 244.00	47.100	4	1.264	5.056	
281	77B4DD347	6MM PLATE-E250A	110.00 X 166.00	47.100	4	0.860	3.440	
282	77B4DD348	6MM PLATE-E250A	110.00 X 154.00	47.100	4	0.798	3.192	
283	77B4DD350SH	L130X130X12H-E350A	3850.00	23.500	2	90.475	180.950	
284	77B4DD351H	L130X130X12H-E350A	3850.00	23.500	2	90.475	180.950	
285	77B4DD352SH	L100X100X10H-E350A	4600.00	14.900	2	68.540	137.080	
286	77B4DD353H	L100X100X10H-E350A	4600.00	14.900	2	68.540	137.080	
287	77B4DD354SH	L70X70X5H-E350A	1659.00	5.300	2	8.793	17.586	
288	77B4DD355H	L70X70X5H-E350A	1659.00	5.300	2	8.793	17.586	
289	77B4DD356H	L120X120X8H-E350A	386.00	14.700	4	5.674	22.696	
290	77B4DD357H	8MM PLATE H-E350A	120.00 X 386.00	62.800	8	2.909	23.272	
291	77B4DD358	4MM PLATE-E250A	85.00 X 185.00	31.400	8	0.494	3.952	
292	77B4DD359H	L100X100X6H-E350A	356.00	9.200	4	3.275	13.100	
293	77B4DD360H	6MM PLATE H-E350A	100.00 X 356.00	47.100	8	1.677	13.416	
294	77B4DD361	2MM PLATE-E250A	70.00 X 170.00	15.700	8	0.187	1.496	
295	77B4DD362	L45X45X4-E250A	2038.00	2.700	2	5.503	11.006	
296	77B4DD363H	L110X110X10H-E350A	6374.00	16.600	2	105.808	211.616	
297	77B4DD363XH	L110X110X10H-E350A	6374.00	16.600	2	105.808	211.616	
298	77B4DD367	16MM PLATE-E250A	85.00 X 110.00	125.600	2	1.174	2.348	
299	77B4DD368	L45X45X4-E250A	1321.00	2.700	4	3.567	14.268	
300	77B4DD369	L45X45X4-E250A	1513.00	2.700	2	4.085	8.170	
301	77B4DD369X	L45X45X4-E250A	1513.00	2.700	2	4.085	8.170	
302	77B4DD370H	L75X75X6H-E350A	2696.00	6.800	2	18.333	36.666	
303	77B4DD370XH	L75X75X6H-E350A	2696.00	6.800	2	18.333	36.666	
304	77B4DD371H	8MM PLATE H-E350A	115.00 X 282.00	62.800	2	2.037	4.074	
305	77B4DD371A	12MM PLATE-E250A	50.00 X 90.00	94.200	2	0.424	0.848	

APPROVED

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** -- Item Welded with another item
*** -- Item Assembled with another item

Electrical Superintending Engineer
(Planning and Engineering)

Binai State Power Transmision

Vidyanagar, Bangalore

dated

16/8/2019



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
979, Mount-Poonamallee Road, Manapakkam,
Tamilnadu-600089, PHONE :044-22526000, FAX :044-22526059

Date: 24-Jul-2019

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BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass.Wt
306	77B4DD372	L45X45X4-E250A	1553.00	2.700	2	4.193	8.386	
307	77B4DD372X	L45X45X4-E250A	1553.00	2.700	2	4.193	8.386	
308	77B4DD373	L45X30X4-E250A	1019.00	2.200	2	2.242	4.484	
309	77B4DD373X	L45X30X4-E250A	1019.00	2.200	2	2.242	4.484	
310	77B4DD374	L45X45X4-E250A	1316.00	2.700	2	3.553	7.106	
311	77B4DD374X	L45X45X4-E250A	1316.00	2.700	2	3.553	7.106	
312	77B4DD375H	14MM PLATE H-E350A	234.00 X 510.00	109.900	4	13.115	52.460	
313	77B4DD376	12MM PLATE-E250A	88.00 X 140.00	94.200	2	1.161	2.322	
314	77B4DD377	12MM PLATE-E250A	79.00 X 170.00	94.200	2	1.265	2.530	
315	77B4DD378H	L130X130X12H-E350A	6348.00	23.500	2	149.178	298.356	
316	77B4DD378XH	L130X130X12H-E350A	6348.00	23.500	2	149.178	298.356	
317	77B4DD379H	L45X45X4H-E350A	1153.00	2.700	4	3.113	12.452	
318	77B4DD380	L45X45X4-E250A	2085.00	2.700	4	5.630	22.520	
319	77B4DD381	L45X45X4-E250A	2247.00	2.700	4	6.067	24.268	
320	77B4DD382	L45X30X4-E250A	1254.00	2.200	2	2.759	5.518	
321	77B4DD382X	L45X30X4-E250A	1254.00	2.200	2	2.759	5.518	
322	77B4DD383H	L110X110X8H-E350A	4027.00	13.400	2	53.962	107.924	
323	77B4DD384H	14MM PLATE H-E350A	252.00 X 618.00	109.900	4	17.115	68.460	
324	77B4DD385	10MM PLATE-E250A	81.00 X 200.00	78.500	2	1.272	2.544	
325	77B4DD386	10MM PLATE-E250A	83.00 X 175.00	78.500	4	1.140	4.560	
326	77B4DD387	L45X45X4-E250A	1075.00	2.700	2	2.903	5.806	
327	77B4DD388H	L65X65X5H-E350A	4255.00	4.900	2	20.850	41.700	
328	77B4DD388XH	L65X65X5H-E350A	4255.00	4.900	2	20.850	41.700	
329	77B4DD389	L45X45X4-E250A	977.00	2.700	2	2.638	5.276	
330	77B4DD390	L45X30X4-E250A	1064.00	2.200	2	2.341	4.682	
331	77B4DD390X	L45X30X4-E250A	1064.00	2.200	2	2.341	4.682	
332	77B4DD391	L45X30X4-E250A	939.00	2.200	4	2.066	8.264	
333	77B4DD392	L45X30X4-E250A	1144.00	2.200	2	2.517	5.034	
334	77B4DD392X	L45X30X4-E250A	1144.00	2.200	2	2.517	5.034	
335	77B4DD393H	L80X80X6H-E350A	3705.00	7.300	2	27.047	54.094	
336	77B4DD394	L45X45X4-E250A	2003.00	2.700	2	5.408	10.816	
337	77B4DD394A	L100X100X6-E250A	320.00	9.200	2	2.944	5.888	
338	77B4DD395H	L120X120X8H-E350A	6455.00	14.700	2	94.889	189.778	
339	77B4DD395XH	L120X120X8H-E350A	6455.00	14.700	2	94.889	189.778	

APPROVED

Subject to the condition that you are not absolved of
the responsibility for correctness of the materials
supplied as per specification

** -- Item Welded with another item

*** -- Item Assembled with another item

Electrical Superintending Engineer
(Planning and Engineering)

Bihar State Power Transmission

Widut Pawar, India

16.08.19



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
979, Mount-Poonamallee Road, Manapakkam,
Tamilnadu-600089, PHONE :044-22526000, FAX :044-22526059

Date: 24-Jul-2019

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BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass.Wt
340	77B4DD399	L45X45X4-E250A	1264.00	2.700	4	3.413	13.652	
341	77B4DD400	L45X45X4-E250A	1540.00	2.700	2	4.158	8.316	
342	77B4DD400X	L45X45X4-E250A	1540.00	2.700	2	4.158	8.316	
343	77B4DD401LH	L75X75X6H-E350A	2393.00	6.800	1	16.272	16.272	
344	77B4DD401RH	L75X75X6H-E350A	2393.00	6.800	1	16.272	16.272	
345	77B4DD401ALH	L75X75X6H-E350A	2393.00	6.800	1	16.272	16.272	
346	77B4DD401ARH	L75X75X6H-E350A	2393.00	6.800	1	16.272	16.272	
347	77B4DD402H	8MM PLATE H-E350A	163.00 X 516.00	62.800	2	5.282	10.564	
348	77B4DD403L	L45X45X4-E250A	1553.00	2.700	2	4.193	8.386	
349	77B4DD403R	L45X45X4-E250A	1553.00	2.700	2	4.193	8.386	
350	77B4DD404L	L45X30X4-E250A	979.00	2.200	2	2.154	4.308	
351	77B4DD404R	L45X30X4-E250A	979.00	2.200	2	2.154	4.308	
352	77B4DD405	L45X45X4-E250A	1339.00	2.700	2	3.615	7.230	
353	77B4DD405A	L45X45X4-E250A	1339.00	2.700	2	3.615	7.230	
354	77B4DD406H	10MM PLATE H-E350A	155.00 X 345.00	78.500	4	4.198	16.792	
355	77B4DD407	12MM PLATE-E250A	50.00 X 106.00	94.200	2	0.499	0.998	
356	77B4DD408H	L120X120X8H-E350A	6306.00	14.700	2	92.698	185.396	
357	77B4DD408XH	L120X120X8H-E350A	6306.00	14.700	2	92.698	185.396	
358	77B4DD409H	L45X45X4H-E350A	1152.00	2.700	2	3.110	6.220	
359	77B4DD409XH	L45X45X4H-E350A	1152.00	2.700	2	3.110	6.220	
360	77B4DD410	L45X45X4-E250A	2032.00	2.700	4	5.486	21.944	
361	77B4DD411	L45X45X4-E250A	2210.00	2.700	4	5.967	23.868	
362	77B4DD412	L45X30X4-E250A	1267.00	2.200	2	2.787	5.574	
363	77B4DD412X	L45X30X4-E250A	1267.00	2.200	2	2.787	5.574	
364	77B4DD413H	L75X75X5H-E350A	4247.00	5.700	1	24.208	24.208	
365	77B4DD413AH	L75X75X5H-E350A	4365.00	5.700	1	24.881	24.881	
366	77B4DD414H	10MM PLATE H-E350A	176.00 X 423.00	78.500	4	5.844	23.376	
367	77B4DD414AH	L75X75X5H-E350A	270.00	5.700	2	1.539	3.078	
368	77B4DD415H	L75X75X5H-E350A	4316.00	5.700	2	24.601	49.202	
369	77B4DD415XH	L75X75X5H-E350A	4316.00	5.700	2	24.601	49.202	
370	77B4DD415A	10MM PLATE-E250A	82.00 X 110.00	78.500	2	0.708	1.416	
371	77B4DD416	L45X45X4-E250A	1037.00	2.700	2	2.800	5.600	
372	77B4DD416A	L45X45X4-E250A	1028.00	2.700	2	2.776	5.552	
373	77B4DD417	L45X30X4-E250A	1075.00	2.200	2	2.365	4.730	

APPROVED

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Electrical Superintending Engineer
(Planning and Engineering)

Bihar State Power Transmission
Limited

SK
16.08.19



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
979, Mount-Poonamallee Road, Manapakkam,
Tamilnadu-600089, PHONE :044-22526000, FAX :044-22526059

Date: 24-Jul-2019

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BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass.Wt
374	77B4DD417X	L45X30X4-E250A	1075.00	2.200	2	2.365	4.730	
375	77B4DD418	L45X30X4-E250A	998.00	2.200	4	2.196	8.784	
376	77B4DD419	L45X30X4-E250A	1162.00	2.200	2	2.556	5.112	
377	77B4DD419X	L45X30X4-E250A	1162.00	2.200	2	2.556	5.112	
378	77B4DD420	L80X80X6-E250A	3705.00	7.300	1	27.047	27.047	
379	77B4DD420A	L80X80X6-E250A	3705.00	7.300	1	27.047	27.047	
380	77B4DD421H	L45X45X4H-E350A	1782.00	2.700	2	4.811	9.622	
381	77B4DD421AH	L45X45X4H-E350A	1793.00	2.700	2	4.841	9.682	
382	77B4DD422H	6MM PLATE H-E350A	110.00 X 165.00	47.100	2	0.855	1.710	
383	77B4DD422AH	6MM PLATE H-E350A	110.00 X 165.00	47.100	2	0.855	1.710	
384	77B4DD423H	6MM PLATE H-E350A	110.00 X 160.00	47.100	2	0.829	1.658	
385	77B4DD423AH	6MM PLATE H-E350A	110.00 X 160.00	47.100	2	0.829	1.658	
386	77B4DD424H	L45X45X4H-E350A	1813.00	2.700	2	4.895	9.790	
387	77B4DD424AH	L45X45X4H-E350A	1811.00	2.700	2	4.890	9.780	
388	77B4DD425H	6MM PLATE H-E350A	110.00 X 165.00	47.100	2	0.855	1.710	
389	77B4DD425AH	6MM PLATE H-E350A	110.00 X 165.00	47.100	2	0.855	1.710	
390	77B4DD426H	6MM PLATE H-E350A	110.00 X 160.00	47.100	2	0.829	1.658	
391	77B4DD426AH	6MM PLATE H-E350A	110.00 X 160.00	47.100	2	0.829	1.658	
392	77B4DD427H	L45X45X4H-E350A	1682.00	2.700	2	4.541	9.082	
393	77B4DD427AH	L45X45X4H-E350A	1672.00	2.700	2	4.514	9.028	
394	77B4DD428H	6MM PLATE H-E350A	110.00 X 165.00	47.100	2	0.855	1.710	
395	77B4DD428AH	6MM PLATE H-E350A	110.00 X 165.00	47.100	2	0.855	1.710	
396	77B4DD429H	6MM PLATE H-E350A	110.00 X 170.00	47.100	2	0.881	1.762	
397	77B4DD429AH	6MM PLATE H-E350A	110.00 X 170.00	47.100	2	0.881	1.762	
398	77B4DD430H	L45X45X4H-E350A	1539.00	2.700	2	4.155	8.310	
399	77B4DD430AH	L45X45X4H-E350A	1549.00	2.700	2	4.182	8.364	
400	77B4DD431H	6MM PLATE H-E350A	110.00 X 165.00	47.100	2	0.855	1.710	
401	77B4DD431AH	6MM PLATE H-E350A	110.00 X 165.00	47.100	2	0.855	1.710	
402	77B4DD432H	6MM PLATE H-E350A	110.00 X 170.00	47.100	2	0.881	1.762	
403	77B4DD432AH	6MM PLATE H-E350A	110.00 X 170.00	47.100	2	0.881	1.762	
404	77B4DD450LH	L120X120X10H-E350A	6654.00	18.200	1	121.103	121.103	
405	77B4DD450RH	L120X120X10H-E350A	6654.00	18.200	1	121.103	121.103	
406	77B4DD451LH	L100X100X6H-E350A	6881.00	9.200	1	63.305	63.305	
407	77B4DD451RH	L100X100X6H-E350A	6881.00	9.200	1	63.305	63.305	

APPROVED

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Electrical Superintending Engineer
(Planning and Engineering)
Bihar State Power Transmission Corporation Limited

8K
16.08.19



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
979, Mount-Poonamallee Road, Manapakkam,
Tamilnadu-600089, PHONE :044-22526000, FAX :044-22526059

Date: 24-Jul-2019

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BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass.Wt
408	77B4DD452LH	14MM PLATE H-E350A	356.00 X 615.00	109.900	1	24.062	24.062	
409	77B4DD452RH	14MM PLATE H-E350A	356.00 X 615.00	109.900	1	24.062	24.062	
410	77B4DD453L	L45X45X4-E250A	2467.00	2.700	1	6.661	6.661	
411	77B4DD453R	L45X45X4-E250A	2467.00	2.700	1	6.661	6.661	
412	77B4DD454L	L45X30X4-E250A	1305.00	2.200	1	2.871	2.871	
413	77B4DD454R	L45X30X4-E250A	1305.00	2.200	1	2.871	2.871	
414	77B4DD454AL	L45X45X4-E250A	2298.00	2.700	1	6.205	6.205	
415	77B4DD454AR	L45X45X4-E250A	2298.00	2.700	1	6.205	6.205	
416	77B4DD455L	L45X30X4-E250A	708.00	2.200	1	1.558	1.558	
417	77B4DD455R	L45X30X4-E250A	708.00	2.200	1	1.558	1.558	
418	77B4DD455AL	L45X30X4-E250A	251.00	2.200	1	0.552	0.552	
419	77B4DD455AR	L45X30X4-E250A	251.00	2.200	1	0.552	0.552	
420	77B4DD456LH	L120X120X8H-E350A	5774.00	14.700	1	84.878	84.878	
421	77B4DD456RH	L120X120X8H-E350A	5774.00	14.700	1	84.878	84.878	
422	77B4DD457LH	L90X90X6H-E350A	6100.00	8.200	1	50.020	50.020	
423	77B4DD457RH	L90X90X6H-E350A	6100.00	8.200	1	50.020	50.020	
424	77B4DD458H	14MM PLATE H-E350A	356.00 X 600.00	109.900	2	23.475	46.950	
425	77B4DD459L	L45X45X4-E250A	1899.00	2.700	1	5.127	5.127	
426	77B4DD459R	L45X45X4-E250A	1899.00	2.700	1	5.127	5.127	
427	77B4DD460	L45X30X4-E250A	1431.00	2.200	2	3.148	6.296	
428	77B4DD461L	L45X45X4-E250A	1733.00	2.700	1	4.679	4.679	
429	77B4DD461R	L45X45X4-E250A	1733.00	2.700	1	4.679	4.679	
430	77B4DD462	L45X30X4-E250A	971.00	2.200	2	2.136	4.272	
431	77B4DD463L	L45X30X4-E250A	1532.00	2.200	1	3.370	3.370	
432	77B4DD463R	L45X30X4-E250A	1532.00	2.200	1	3.370	3.370	
433	77B4DD464	L45X30X4-E250A	511.00	2.200	2	1.124	2.248	
434	77B4DD465	L45X30X4-E250A	246.00	2.200	2	0.541	1.082	
435	77B4DD466	L110X110X8-E250A	5150.00	13.400	1	69.010	69.010	
436	77B4DD466X	L110X110X8-E250A	5150.00	13.400	1	69.010	69.010	
437	77B4DD467	L110X110X8-E250A	4547.00	13.400	1	60.930	60.930	
438	77B4DD467X	L110X110X8-E250A	4547.00	13.400	1	60.930	60.930	
439	77B4DD468	L90X90X6-E250A	346.00	8.200	2	2.837	5.674	
440	77B4DD469	6MM PLATE-E250A	90.00 X 346.00	47.100	4	1.467	5.868	
441	77B4DD470H	L80X80X6H-E350A	4887.00	7.300	2	35.675	71.350	

APPROVED

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A

Electrical Superintending Engineer
(Planning and Engineering)

Bihar State Power Transmission Corporation

8k
16.06.19

Widut bhawan

D

** -- Item Welded with another item
*** -- Item Assembled with another item



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BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass.Wt
442	77B4DD470XH	L80X80X6H-E350A	4887.00	7.300	2	35.675	71.350	
443	77B4DD471H	L45X45X4H-E350A	1825.00	2.700	1	4.928	4.928	
444	77B4DD471AH	L45X45X4H-E350A	1825.00	2.700	1	4.928	4.928	
445	77B4DD471BH	L45X45X4H-E350A	1825.00	2.700	1	4.928	4.928	
446	77B4DD471CH	L45X45X4H-E350A	1825.00	2.700	1	4.928	4.928	
447	77B4DD472H	L45X45X4H-E350A	1675.00	2.700	1	4.523	4.523	
448	77B4DD472AH	L45X45X4H-E350A	1675.00	2.700	1	4.523	4.523	
449	77B4DD472BH	L45X45X4H-E350A	1675.00	2.700	1	4.523	4.523	
450	77B4DD472CH	L45X45X4H-E350A	1675.00	2.700	1	4.523	4.523	
451	77B4DD474	6MM PLATE-E250A	110.00 X 142.00	47.100	4	0.736	2.944	
452	77B4DD475	6MM PLATE-E250A	50.00 X 142.00	47.100	4	0.334	1.336	
453	77B4DD476	6MM PLATE-E250A	197.00 X 210.00	47.100	2	1.949	3.898	
454	77B4DD477H	6MM PLATE H-E350A	159.00 X 320.00	47.100	1	2.396	2.396	
455	77B4DD478H	6MM PLATE H-E350A	219.00 X 320.00	47.100	1	3.301	3.301	
456	77B4DD479H	8MM PLATE H-E350A	186.00 X 258.00	62.800	2	3.014	6.028	
457	77B4DD480LH	L120X120X10H-E350A	200.00	18.200	1	3.640	3.640	
458	77B4DD480RH	L120X120X10H-E350A	200.00	18.200	1	3.640	3.640	
459	77B4DD481H	L60X60X4H-E350A	3096.00	3.700	1	11.455	11.455	
460	77B4DD481AH	L60X60X4H-E350A	3096.00	3.700	1	11.455	11.455	
461	77B4DD482H	L60X60X4H-E350A	4095.00	3.700	1	15.152	15.152	
462	77B4DD482XH	L60X60X4H-E350A	4095.00	3.700	1	15.152	15.152	
463	77B4DD483H	L55X55X4H-E350A	2523.00	3.300	1	8.326	8.326	
464	77B4DD484H	L90X90X6H-E350A	716.00	8.200	1	5.871	5.871	
465	77B4DD485	32MM PLATE-E250A	418.00 X 542.00	251.200	1	56.911	56.911	
466	77B4DD486H	L150X150X15H-E350A	242.00	33.800	2	8.180	16.360	
467	77B4DD487H	10MM PLATE H-E350A	261.00 X 321.00	78.500	2	6.577	13.154	
468	77B4DD488LH	L120X120X8H-E350A	200.00	14.700	1	2.940	2.940	
469	77B4DD488RH	L120X120X8H-E350A	200.00	14.700	1	2.940	2.940	
470	77B4DD489	L110X110X8-E250A	4850.00	13.400	1	64.990	64.990	
471	77B4DD489X	L110X110X8-E250A	4850.00	13.400	1	64.990	64.990	
472	77B4DD490	L110X110X8-E250A	3910.00	13.400	1	52.394	52.394	
473	77B4DD490X	L110X110X8-E250A	3910.00	13.400	1	52.394	52.394	
474	77B4DD491	L90X90X6-E250A	346.00	8.200	2	2.837	5.674	
475	77B4DD492	6MM PLATE-E250A	90.00 X 346.00	47.100	4	1.467	5.868	

APPROVED

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the responsibility for correctness of the materials
supplied as per specification

** -- Item Welded with another item
*** -- Item Assembled with another item

Electrical Superintending Engineer
(Planning and Engineering)

Bihar State Power Transmission Corporation

vidyut

8k
16.08.19



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
979, Mount-Poonamallee Road, Manapakkam,
Tamilnadu-600089, PHONE :044-22526000, FAX :044-22526059

Date: 24-Jul-2019

Page: 15 of 26

BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass.Wt
476	77B4DD493H	L50X50X4H-E350A	2000.00	3.000	1	6.000	6.000	
477	77B4DD493AH	L50X50X4H-E350A	2000.00	3.000	1	6.000	6.000	
478	77B4DD494H	L50X50X4H-E350A	2420.00	3.000	1	7.260	7.260	
479	77B4DD494AH	L50X50X4H-E350A	2420.00	3.000	1	7.260	7.260	
480	77B4DD495H	L60X60X4H-E350A	3574.00	3.700	1	13.224	13.224	
481	77B4DD495AH	L60X60X4H-E350A	3574.00	3.700	1	13.224	13.224	
482	77B4DD496H	L50X50X4H-E350A	2212.00	3.000	1	6.636	6.636	
483	77B4DD496AH	L50X50X4H-E350A	2212.00	3.000	1	6.636	6.636	
484	77B4DD497H	L45X45X4H-E350A	1748.00	2.700	2	4.720	9.440	
485	77B4DD498H	L45X45X4H-E350A	1138.00	2.700	1	3.073	3.073	
486	77B4DD498AH	L45X45X4H-E350A	1138.00	2.700	1	3.073	3.073	
487	77B4DD499H	L45X45X4H-E350A	879.00	2.700	1	2.373	2.373	
488	77B4DD499AH	L45X45X4H-E350A	879.00	2.700	1	2.373	2.373	
489	77B4DD500H	L75X75X5H-E350A	3950.00	5.700	1	22.515	22.515	
490	77B4DD500AH	L75X75X5H-E350A	3298.00	5.700	1	18.799	18.799	
491	77B4DD501H	L75X75X5H-E350A	3950.00	5.700	1	22.515	22.515	
492	77B4DD501AH	L75X75X5H-E350A	3298.00	5.700	1	18.799	18.799	
493	77B4DD502LH	L65X65X5H-E350A	286.00	4.900	1	1.401	1.401	
494	77B4DD502RH	L65X65X5H-E350A	286.00	4.900	1	1.401	1.401	
495	77B4DD503H	6MM PLATE H-E350A	142.00 X 286.00	47.100	1	1.913	1.913	
496	77B4DD504	32MM PLATE-E250A	397.00 X 418.00	251.200	2	41.686	83.372	
497	77B4DD505	6MM PLATE-E250A	110.00 X 142.00	47.100	2	0.736	1.472	
498	77B4DD506	6MM PLATE-E250A	110.00 X 227.00	47.100	1	1.176	1.176	
499	77B4DD506AH	L60X60X4H-E350A	2923.00	3.700	1	10.815	10.815	
500	77B4DD507	L55X55X4-E250A	2880.00	3.300	1	9.504	9.504	
501	77B4DD507A	L55X55X4-E250A	2880.00	3.300	1	9.504	9.504	
502	77B4DD508	L50X50X4-E250A	3900.00	3.000	1	11.700	11.700	
503	77B4DD508X	L50X50X4-E250A	3900.00	3.000	1	11.700	11.700	
504	77B4DD509H	L50X50X4H-E350A	2357.00	3.000	1	7.071	7.071	
505	77B4DD510	L45X45X4-E250A	317.00	2.700	1	0.856	0.856	
506	77B4DD511L	6MM PLATE-E250A	110.00 X 170.00	47.100	1	0.881	0.881	
507	77B4DD511R	6MM PLATE-E250A	110.00 X 170.00	47.100	1	0.881	0.881	
508	77B4DD512	L100X100X6-E250A	4750.00	9.200	1	43.700	43.700	
509	77B4DD512X	L100X100X6-E250A	4750.00	9.200	1	43.700	43.700	

APPROVED

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Electrical Superintending Engineer
(Planning and Engineering)
Bihar State Power Transmission Corporation Limited

Sk
16.08.19



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
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Tamilnadu-600089, PHONE :044-22526000, FAX :044-22526059

Date: 24-Jul-2019

Page: 16 of 26

BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass.Wt
510	77B4DD513	L100X100X6-E250A	4187.00	9.200	1	38.520	38.520	
511	77B4DD513X	L100X100X6-E250A	4187.00	9.200	1	38.520	38.520	
512	77B4DD514	L75X75X5-E250A	316.00	5.700	2	1.801	3.602	
513	77B4DD515	6MM PLATE-E250A	75.00 X 316.00	47.100	4	1.116	4.464	
514	77B4DD516	8MM PLATE-E250A	139.00 X 180.00	62.800	2	1.571	3.142	
515	77B4DD517	6MM PLATE-E250A	100.00 X 120.00	47.100	2	0.565	1.130	
516	77B4DD518	L45X45X4-E250A	2378.00	2.700	1	6.421	6.421	
517	77B4DD518X	L45X45X4-E250A	2378.00	2.700	1	6.421	6.421	
518	77B4DD519H	L60X60X4H-E350A	3365.00	3.700	1	12.451	12.451	
519	77B4DD519XH	L60X60X4H-E350A	3365.00	3.700	1	12.451	12.451	
520	77B4DD520H	6MM PLATE H-E350A	115.00 X 124.00	47.100	2	0.672	1.344	
521	77B4DD521H	L60X60X4H-E350A	3512.00	3.700	1	12.994	12.994	
522	77B4DD522	L50X50X4-E250A	2352.00	3.000	1	7.056	7.056	
523	77B4DD522A	L50X50X4-E250A	2352.00	3.000	1	7.056	7.056	
524	77B4DD523	8MM PLATE-E250A	141.00 X 182.00	62.800	2	1.612	3.224	
525	77B4DD550LH	L110X110X8H-E350A	6080.00	13.400	1	81.472	81.472	
526	77B4DD550RH	L110X110X8H-E350A	6080.00	13.400	1	81.472	81.472	
527	77B4DD551LH	L90X90X6H-E350A	6021.00	8.200	1	49.372	49.372	
528	77B4DD551RH	L90X90X6H-E350A	6021.00	8.200	1	49.372	49.372	
529	77B4DD552LH	8MM PLATE H-E350A	239.00 X 452.00	62.800	1	6.784	6.784	
530	77B4DD552RH	8MM PLATE H-E350A	239.00 X 452.00	62.800	1	6.784	6.784	
531	77B4DD553L	L45X45X4-E250A	2325.00	2.700	1	6.278	6.278	
532	77B4DD553R	L45X45X4-E250A	2325.00	2.700	1	6.278	6.278	
533	77B4DD554L	L45X45X4-E250A	1384.00	2.700	1	3.737	3.737	
534	77B4DD554R	L45X45X4-E250A	1384.00	2.700	1	3.737	3.737	
535	77B4DD555L	L45X45X4-E250A	2030.00	2.700	1	5.481	5.481	
536	77B4DD555R	L45X45X4-E250A	2030.00	2.700	1	5.481	5.481	
537	77B4DD556L	L45X30X4-E250A	753.00	2.200	1	1.657	1.657	
538	77B4DD556R	L45X30X4-E250A	753.00	2.200	1	1.657	1.657	
539	77B4DD557L	L45X30X4-E250A	290.00	2.200	1	0.638	0.638	
540	77B4DD557R	L45X30X4-E250A	290.00	2.200	1	0.638	0.638	
541	77B4DD558LH	L100X100X10H-E350A	5480.00	14.900	1	81.652	81.652	
542	77B4DD558RH	L100X100X10H-E350A	5480.00	14.900	1	81.652	81.652	
543	77B4DD559LH	L80X80X6H-E350A	5604.00	7.300	1	40.909	40.909	

APPROVED

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** -- Item Welded with another item
*** -- Item Assembled with another item

Electrical Superintending Engineer
(Planning and Engineering)

Bihar State Power Transmission

mitted

Signature
16.08.19



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
979, Mount-Poonamallee Road, Manapakkam,
Tamilnadu-600089, PHONE :044-22526000, FAX :044-22526059

Date: 24-Jul-2019

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BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass.Wt
544	77B4DD559RH	L80X80X6H-E350A	5604.00	7.300	1	40.909	40.909	
545	77B4DD560H	8MM PLATE H-E350A	239.00 X 424.00	62.800	2	6.364	12.728	
546	77B4DD561L	L45X45X4-E250A	1965.00	2.700	1	5.306	5.306	
547	77B4DD561R	L45X45X4-E250A	1965.00	2.700	1	5.306	5.306	
548	77B4DD562	L45X45X4-E250A	1505.00	2.700	2	4.064	8.128	
549	77B4DD563L	L45X45X4-E250A	1628.00	2.700	1	4.396	4.396	
550	77B4DD563R	L45X45X4-E250A	1628.00	2.700	1	4.396	4.396	
551	77B4DD564	L45X30X4-E250A	1020.00	2.200	2	2.244	4.488	
552	77B4DD565	L45X30X4-E250A	1386.00	2.200	2	3.049	6.098	
553	77B4DD566	L45X30X4-E250A	535.00	2.200	2	1.177	2.354	
554	77B4DD566A	L45X45X4-E250A	284.00	2.700	2	0.767	1.534	
555	77B4DD567	L80X80X6-E250A	4100.00	7.300	1	29.930	29.930	
556	77B4DD567X	L80X80X6-E250A	4100.00	7.300	1	29.930	29.930	
557	77B4DD568	L80X80X6-E250A	3536.00	7.300	1	25.813	25.813	
558	77B4DD568X	L80X80X6-E250A	3536.00	7.300	1	25.813	25.813	
559	77B4DD569	L65X65X5-E250A	286.00	4.900	2	1.401	2.802	
560	77B4DD570	6MM PLATE-E250A	60.00 X 286.00	47.100	4	0.808	3.232	
561	77B4DD571H	L60X60X5H-E350A	3844.00	4.500	2	17.298	34.596	
562	77B4DD571XH	L60X60X5H-E350A	3844.00	4.500	2	17.298	34.596	
563	77B4DD572H	L45X45X4H-E350A	1317.00	2.700	4	3.556	14.224	
564	77B4DD573H	6MM PLATE H-E350A	164.00 X 320.00	47.100	2	2.472	4.944	
565	77B4DD574	8MM PLATE-E250A	202.00 X 243.00	62.800	2	3.083	6.166	
566	77B4DD575H	L55X55X4H-E350A	2490.00	3.300	1	8.217	8.217	
567	77B4DD575XH	L55X55X4H-E350A	2490.00	3.300	1	8.217	8.217	
568	77B4DD576H	L50X50X4H-E350A	3355.00	3.000	1	10.065	10.065	
569	77B4DD576XH	L50X50X4H-E350A	3355.00	3.000	1	10.065	10.065	
570	77B4DD577H	L50X50X4H-E350A	2035.00	3.000	1	6.105	6.105	
571	77B4DD578H	L90X90X6H-E350A	667.00	8.200	1	5.469	5.469	
572	77B4DD579	32MM PLATE-E250A	411.00 X 542.00	251.200	1	55.958	55.958	
573	77B4DD580H	L150X150X15H-E350A	222.00	33.800	2	7.504	15.008	
574	77B4DD581	8MM PLATE-E250A	245.00 X 257.00	62.800	2	3.954	7.908	
575	77B4DD582	L100X100X8-E250A	3950.00	12.100	1	47.795	47.795	
576	77B4DD582X	L100X100X8-E250A	3950.00	12.100	1	47.795	47.795	
577	77B4DD583	L100X100X8-E250A	3318.00	12.100	1	40.148	40.148	

APPROVED

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Electrical Superintending Engineer
(Planning and Engineering)
Bihar State Power Transmission Corporation Limited

sk
16.08.19



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
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Tamilnadu-600089, PHONE : 044-22526000, FAX : 044-22526059

Date: 24-Jul-2019

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BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass. Wt
578	77B4DD583X	L100X100X8-E250A	3318.00	12.100	1	40.148	40.148	
579	77B4DD584	L80X80X6-E250A	316.00	7.300	2	2.307	4.614	
580	77B4DD585	8MM PLATE-E250A	60.00 X 316.00	62.800	4	1.191	4.764	
581	77B4DD586H	L45X45X4H-E350A	1457.00	2.700	1	3.934	3.934	
582	77B4DD586AH	L45X45X4H-E350A	1457.00	2.700	1	3.934	3.934	
583	77B4DD587H	L45X45X4H-E350A	1929.00	2.700	1	5.208	5.208	
584	77B4DD587AH	L45X45X4H-E350A	1929.00	2.700	1	5.208	5.208	
585	77B4DD588H	L60X60X4H-E350A	2820.00	3.700	1	10.434	10.434	
586	77B4DD588AH	L60X60X4H-E350A	2820.00	3.700	1	10.434	10.434	
587	77B4DD589H	L45X45X4H-E350A	1890.00	2.700	1	5.103	5.103	
588	77B4DD589AH	L45X45X4H-E350A	1890.00	2.700	1	5.103	5.103	
589	77B4DD590H	L45X45X4H-E350A	1470.00	2.700	1	3.969	3.969	
590	77B4DD590AH	L45X45X4H-E350A	1470.00	2.700	1	3.969	3.969	
591	77B4DD590B	L45X45X4-E250A	1009.00	2.700	1	2.724	2.724	
592	77B4DD590C	L45X45X4-E250A	1009.00	2.700	1	2.724	2.724	
593	77B4DD591H	L70X70X5H-E350A	5717.00	5.300	1	30.300	30.300	
594	77B4DD592H	L70X70X5H-E350A	5717.00	5.300	1	30.300	30.300	
595	77B4DD593	32MM PLATE-E250A	402.00 X 431.00	251.200	2	43.523	87.046	
596	77B4DD594	6MM PLATE-E250A	110.00 X 132.00	47.100	2	0.684	1.368	
597	77B4DD595	8MM PLATE-E250A	110.00 X 217.00	62.800	1	1.499	1.499	
598	77B4DD595AH	L60X60X4H-E350A	2494.00	3.700	1	9.228	9.228	
599	77B4DD596	L45X45X4-E250A	2362.00	2.700	1	6.377	6.377	
600	77B4DD596A	L45X45X4-E250A	2362.00	2.700	1	6.377	6.377	
601	77B4DD597	L45X45X4-E250A	3171.00	2.700	1	8.562	8.562	
602	77B4DD597X	L45X45X4-E250A	3171.00	2.700	1	8.562	8.562	
603	77B4DD598H	L45X45X4H-E350A	1851.00	2.700	1	4.998	4.998	
604	77B4DD599	L45X45X4-E250A	281.00	2.700	1	0.759	0.759	
605	77B4DD600L	8MM PLATE-E250A	110.00 X 167.00	62.800	1	1.154	1.154	
606	77B4DD600R	8MM PLATE-E250A	110.00 X 167.00	62.800	1	1.154	1.154	
607	77B4DD601	L80X80X6-E250A	4050.00	7.300	1	29.565	29.565	
608	77B4DD601X	L80X80X6-E250A	4050.00	7.300	1	29.565	29.565	
609	77B4DD602	L80X80X6-E250A	3513.00	7.300	1	25.645	25.645	
610	77B4DD602X	L80X80X6-E250A	3513.00	7.300	1	25.645	25.645	
611	77B4DD603	L65X65X5-E250A	286.00	4.900	2	1.401	2.802	

APPROVED

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Electrical Superintending Engineer
(Planning and Estimation)

Dihar State Power Transmission

Vidya

Sk
16-08-19



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
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BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass.Wt
612	77B4DD604	6MM PLATE-E250A	60.00 X 286.00	47.100	4	0.808	3.232	
613	77B4DD605	8MM PLATE-E250A	139.00 X 175.00	62.800	2	1.528	3.056	
614	77B4DD606	L45X45X4-E250A	2051.00	2.700	1	5.538	5.538	
615	77B4DD606X	L45X45X4-E250A	2051.00	2.700	1	5.538	5.538	
616	77B4DD607H	L60X60X4H-E350A	2650.00	3.700	1	9.805	9.805	
617	77B4DD607XH	L60X60X4H-E350A	2650.00	3.700	1	9.805	9.805	
618	77B4DD608H	L60X60X4H-E350A	2789.00	3.700	1	10.319	10.319	
619	77B4DD609	L45X45X4-E250A	1985.00	2.700	1	5.360	5.360	
620	77B4DD609A	L45X45X4-E250A	1985.00	2.700	1	5.360	5.360	
621	77B4DD610	8MM PLATE-E250A	110.00 X 150.00	62.800	2	1.036	2.072	
622	77B4DD630LH	L120X120X8H-E350A	5679.00	14.700	1	83.481	83.481	
623	77B4DD630RH	L120X120X8H-E350A	5679.00	14.700	1	83.481	83.481	
624	77B4DD631LH	L100X100X6H-E350A	5671.00	9.200	1	52.173	52.173	
625	77B4DD631RH	L100X100X6H-E350A	5671.00	9.200	1	52.173	52.173	
626	77B4DD632L	L45X45X4-E250A	2166.00	2.700	1	5.848	5.848	
627	77B4DD632R	L45X45X4-E250A	2166.00	2.700	1	5.848	5.848	
628	77B4DD633L	L45X45X4-E250A	1322.00	2.700	1	3.569	3.569	
629	77B4DD633R	L45X45X4-E250A	1322.00	2.700	1	3.569	3.569	
630	77B4DD634L	L45X45X4-E250A	1886.00	2.700	1	5.092	5.092	
631	77B4DD634R	L45X45X4-E250A	1886.00	2.700	1	5.092	5.092	
632	77B4DD635L	L45X30X4-E250A	720.00	2.200	1	1.584	1.584	
633	77B4DD635R	L45X30X4-E250A	720.00	2.200	1	1.584	1.584	
634	77B4DD636L	L45X30X4-E250A	283.00	2.200	1	0.623	0.623	
635	77B4DD636R	L45X30X4-E250A	283.00	2.200	1	0.623	0.623	
636	77B4DD637LH	L120X120X8H-E350A	5393.00	14.700	1	79.277	79.277	
637	77B4DD637RH	L120X120X8H-E350A	5393.00	14.700	1	79.277	79.277	
638	77B4DD638LH	L80X80X6H-E350A	5452.00	7.300	1	39.800	39.800	
639	77B4DD638RH	L80X80X6H-E350A	5452.00	7.300	1	39.800	39.800	
640	77B4DD639L	L45X45X4-E250A	1901.00	2.700	1	5.133	5.133	
641	77B4DD639R	L45X45X4-E250A	1901.00	2.700	1	5.133	5.133	
642	77B4DD640	L45X45X4-E250A	1438.00	2.700	2	3.883	7.766	
643	77B4DD641L	L45X45X4-E250A	1586.00	2.700	1	4.282	4.282	
644	77B4DD641R	L45X45X4-E250A	1586.00	2.700	1	4.282	4.282	
645	77B4DD642	L45X30X4-E250A	975.00	2.200	2	2.145	4.290	

APPROVED

Subject to the condition that you are not absolved of
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supplied as per specification

** -- Item Welded with another item
*** -- Item Assembled with another item

Electrical Superintending Engineer
(Planning and Engineering)
Bihar State Power Transmission Corporation Limited
Vidya Nagar, Patna-800 005

8k
16.08.19



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
979, Mount-Poonamallee Road, Manapakkam,
Tamilnadu-600089, PHONE :044-22526000, FAX :044-22526059

Date: 24-Jul-2019

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BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass.Wt
646	77B4DD643L	L45X30X4-E250A	1360.00	2.200	1	2.992	2.992	
647	77B4DD643R	L45X30X4-E250A	1360.00	2.200	1	2.992	2.992	
648	77B4DD644	L45X30X4-E250A	513.00	2.200	2	1.129	2.258	
649	77B4DD644A	L45X30X4-E250A	277.00	2.200	2	0.609	1.218	
650	77B4DD645	L65X65X5-E250A	5631.00	4.900	1	27.592	27.592	
651	77B4DD645X	L65X65X5-E250A	5631.00	4.900	1	27.592	27.592	
652	77B4DD646	L55X55X4-E250A	2834.00	3.300	4	9.352	37.408	
653	77B4DD647	L45X30X4-E250A	961.00	2.200	4	2.114	8.456	
654	77B4DD648H	6MM PLATE H-E350A	159.00 X 270.00	47.100	2	2.022	4.044	
655	77B4DD649H	10MM PLATE H-E350A	178.00 X 238.00	78.500	2	3.326	6.652	
656	77B4DD650H	L50X50X4H-E350A	2114.00	3.000	1	6.342	6.342	
657	77B4DD650XH	L50X50X4H-E350A	2114.00	3.000	1	6.342	6.342	
658	77B4DD651H	L45X45X4H-E350A	2721.00	2.700	1	7.347	7.347	
659	77B4DD651XH	L45X45X4H-E350A	2721.00	2.700	1	7.347	7.347	
660	77B4DD652H	L45X45X4H-E350A	1547.00	2.700	1	4.177	4.177	
661	77B4DD653H	L90X90X6H-E350A	544.00	8.200	1	4.461	4.461	
662	77B4DD654	32MM PLATE-E250A	412.00 X 542.00	251.200	1	56.094	56.094	
663	77B4DD655H	L150X150X15H-E350A	242.00	33.800	2	8.180	16.360	
664	77B4DD656H	10MM PLATE H-E350A	220.00 X 277.00	78.500	2	4.784	9.568	
665	77B4DD657H	L100X100X8H-E350A	6229.00	12.100	1	75.371	75.371	
666	77B4DD657XH	L100X100X8H-E350A	6229.00	12.100	1	75.371	75.371	
667	77B4DD658	L45X45X4-E250A	1103.00	2.700	1	2.978	2.978	
668	77B4DD658A	L45X45X4-E250A	1103.00	2.700	1	2.978	2.978	
669	77B4DD659H	L45X45X4H-E350A	1666.00	2.700	1	4.498	4.498	
670	77B4DD659AH	L45X45X4H-E350A	1666.00	2.700	1	4.498	4.498	
671	77B4DD660H	L50X50X4H-E350A	2113.00	3.000	1	6.339	6.339	
672	77B4DD660AH	L50X50X4H-E350A	2113.00	3.000	1	6.339	6.339	
673	77B4DD661H	L45X45X4H-E350A	1622.00	2.700	1	4.379	4.379	
674	77B4DD661AH	L45X45X4H-E350A	1622.00	2.700	1	4.379	4.379	
675	77B4DD662	L45X45X4-E250A	1111.00	2.700	1	3.000	3.000	
676	77B4DD662A	L45X45X4-E250A	1111.00	2.700	1	3.000	3.000	
677	77B4DD662B	L45X45X4-E250A	853.00	2.700	1	2.303	2.303	
678	77B4DD662C	L45X45X4-E250A	853.00	2.700	1	2.303	2.303	
679	77B4DD663H	L70X70X5H-E350A	4365.00	5.300	1	23.135	23.135	

APPROVED

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supplied as per specification

** -- Item Welded with another item
*** -- Item Assembled with another item

Electrical Superintending Engineer
(Planning and Engineering)
Bharat State Power Transmission Company Limited
Vidyanagar, New Delhi-110002

8k
16.08.19



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
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Tamilnadu-600089, PHONE : 044-22526000, FAX : 044-22526059

Date: 24-Jul-2019

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BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass.Wt
680	77B4DD664H	L70X70X5H-E350A	4365.00	5.300	1	23.135	23.135	
681	77B4DD665	32MM PLATE-E250A	386.00 X 410.00	251.200	2	39.755	79.510	
682	77B4DD666	6MM PLATE-E250A	110.00 X 217.00	47.100	1	1.124	1.124	
683	77B4DD666A	6MM PLATE-E250A	110.00 X 132.00	47.100	2	0.684	1.368	
684	77B4DD667H	L90X90X6H-E350A	5073.00	8.200	1	41.599	41.599	
685	77B4DD667XH	L90X90X6H-E350A	5073.00	8.200	1	41.599	41.599	
686	77B4DD668H	6MM PLATE H-E350A	110.00 X 140.00	47.100	4	0.725	2.900	
687	77B4DD669	6MM PLATE-E250A	110.00 X 192.00	47.100	1	0.995	0.995	
688	77B4DD670	L45X45X4-E250A	2292.00	2.700	1	6.188	6.188	
689	77B4DD670A	L45X45X4-E250A	2292.00	2.700	1	6.188	6.188	
690	77B4DD671	L45X45X4-E250A	2603.00	2.700	1	7.028	7.028	
691	77B4DD671X	L45X45X4-E250A	2603.00	2.700	1	7.028	7.028	
692	77B4DD672	L45X45X4-E250A	1403.00	2.700	1	3.788	3.788	
693	77B4DD673	L45X45X4-E250A	274.00	2.700	1	0.740	0.740	
694	77B4DD674H	L80X80X6H-E350A	6466.00	7.300	1	47.202	47.202	
695	77B4DD674XH	L80X80X6H-E350A	6466.00	7.300	1	47.202	47.202	
696	77B4DD675H	8MM PLATE H-E350A	110.00 X 153.00	62.800	2	1.057	2.114	
697	77B4DD676	L45X45X4-E250A	1807.00	2.700	1	4.879	4.879	
698	77B4DD676A	L45X45X4-E250A	1807.00	2.700	1	4.879	4.879	
699	77B4DD677H	L45X45X4H-E350A	1937.00	2.700	1	5.230	5.230	
700	77B4DD677AH	L45X45X4H-E350A	1937.00	2.700	1	5.230	5.230	
701	77B4DD678H	6MM PLATE H-E350A	110.00 X 159.00	47.100	2	0.824	1.648	
702	77B4DD679H	L50X50X4H-E350A	2067.00	3.000	1	6.201	6.201	
703	77B4DD680	L45X45X4-E250A	1772.00	2.700	1	4.784	4.784	
704	77B4DD680X	L45X45X4-E250A	1772.00	2.700	1	4.784	4.784	
705	77B4DD700S	L70X70X5-E250A	6912.00	5.300	1	36.634	36.634	
706	77B4DD701	L70X70X5-E250A	6912.00	5.300	1	36.634	36.634	
707	77B4DD702	L65X65X5-E250A	6167.00	4.900	1	30.218	30.218	
708	77B4DD703	L65X65X5-E250A	6167.00	4.900	1	30.218	30.218	
709	77B4DD704S	L65X65X5-E250A	6960.00	4.900	1	34.104	34.104	
710	77B4DD705	L65X65X5-E250A	6960.00	4.900	1	34.104	34.104	
711	77B4DD706	L65X65X5-E250A	6258.00	4.900	1	30.664	30.664	
712	77B4DD707	L65X65X5-E250A	6258.00	4.900	1	30.664	30.664	
713	77B4DD708LH	8MM PLATE H-E350A	372.00 X 501.00	62.800	1	11.704	11.704	

APPROVED

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Electrical Superintending Engineer
(Planning and Engineering)
Bharat State Power Transmission Corporation Limited

8k
16.08.19



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
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Tamilnadu-600089, PHONE :044-22526000, FAX :044-22526059

Date: 24-Jul-2019

Page: 22 of 26

BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass.Wt
714	77B4DD708RH	8MM PLATE H-E350A	372.00 X 501.00	62.800	1	11.704	11.704	
715	77B4DD709LH	8MM PLATE H-E350A	394.00 X 507.00	62.800	1	12.545	12.545	
716	77B4DD709RH	8MM PLATE H-E350A	394.00 X 507.00	62.800	1	12.545	12.545	
717	77B4DD710LH	L65X65X5H-E350A	2519.00	4.900	2	12.343	24.686	
718	77B4DD710RH	L65X65X5H-E350A	2519.00	4.900	2	12.343	24.686	
719	77B4DD711L	L90X90X6-E250A	533.00	8.200	1	4.371	4.371	
720	77B4DD711R	L90X90X6-E250A	533.00	8.200	1	4.371	4.371	
721	77B4DD712H	8MM PLATE H-E350A	242.00 X 533.00	62.800	2	8.100	16.200	
722	77B4DD713LH	L45X45X4H-E350A	2231.00	2.700	1	6.024	6.024	
723	77B4DD713RH	L45X45X4H-E350A	2231.00	2.700	1	6.024	6.024	
724	77B4DD714L	L45X30X4-E250A	1372.00	2.200	1	3.018	3.018	
725	77B4DD714R	L45X30X4-E250A	1372.00	2.200	1	3.018	3.018	
726	77B4DD715L	L45X45X4-E250A	1979.00	2.700	1	5.343	5.343	
727	77B4DD715R	L45X45X4-E250A	1979.00	2.700	1	5.343	5.343	
728	77B4DD716L	L55X55X4-E250A	2537.00	3.300	1	8.372	8.372	
729	77B4DD716R	L55X55X4-E250A	2537.00	3.300	1	8.372	8.372	
730	77B4DD717L	L45X45X4-E250A	1371.00	2.700	1	3.702	3.702	
731	77B4DD717R	L45X45X4-E250A	1371.00	2.700	1	3.702	3.702	
732	77B4DD718L	L45X45X4-E250A	1635.00	2.700	1	4.415	4.415	
733	77B4DD718R	L45X45X4-E250A	1635.00	2.700	1	4.415	4.415	
734	77B4DD719L	L45X30X4-E250A	767.00	2.200	1	1.687	1.687	
735	77B4DD719R	L45X30X4-E250A	767.00	2.200	1	1.687	1.687	
736	77B4DD719AL	L45X45X4-E250A	287.00	2.700	1	0.775	0.775	
737	77B4DD719AR	L45X45X4-E250A	287.00	2.700	1	0.775	0.775	
738	77B4DD720	8MM PLATE-E250A	277.00 X 384.00	62.800	1	6.680	6.680	
739	77B4DD721H	12MM PLATE H-E350A	200.00 X 370.00	94.200	1	6.971	6.971	
740	77B4DD722	6MM PLATE-E250A	120.00 X 128.00	47.100	1	0.723	0.723	
741	77B4DD723LH	L45X45X4H-E350A	2269.00	2.700	1	6.126	6.126	
742	77B4DD723RH	L45X45X4H-E350A	2269.00	2.700	1	6.126	6.126	
743	77B4DD724L	L45X30X4-E250A	1380.00	2.200	1	3.036	3.036	
744	77B4DD724R	L45X30X4-E250A	1380.00	2.200	1	3.036	3.036	
745	77B4DD725L	L45X45X4-E250A	1985.00	2.700	1	5.360	5.360	
746	77B4DD725R	L45X45X4-E250A	1985.00	2.700	1	5.360	5.360	
747	77B4DD726L	L55X55X4-E250A	2544.00	3.300	1	8.395	8.395	

APPROVED

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Electrical Superintending Engineer
(Planning and Engineering)
Bihar State Power Transmission Corporation Limited

82
16.08.19



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
979, Mount-Poonamallee Road, Manapakkam,
Tamilnadu-600089, PHONE :044-22526000, FAX :044-22526059

Date: 24-Jul-2019

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BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass.Wt
748	77B4DD726R	L55X55X4-E250A	2544.00	3.300	1	8.395	8.395	
749	77B4DD727L	L45X30X4-E250A	1377.00	2.200	1	3.029	3.029	
750	77B4DD727R	L45X30X4-E250A	1377.00	2.200	1	3.029	3.029	
751	77B4DD728L	L45X45X4-E250A	1659.00	2.700	1	4.479	4.479	
752	77B4DD728R	L45X45X4-E250A	1659.00	2.700	1	4.479	4.479	
753	77B4DD729L	L45X30X4-E250A	771.00	2.200	1	1.696	1.696	
754	77B4DD729R	L45X30X4-E250A	771.00	2.200	1	1.696	1.696	
755	77B4DD729AL	L45X45X4-E250A	281.00	2.700	1	0.759	0.759	
756	77B4DD729AR	L45X45X4-E250A	281.00	2.700	1	0.759	0.759	
757	77B4DD730	8MM PLATE-E250A	279.00 X 384.00	62.800	1	6.728	6.728	
758	77B4DD731H	12MM PLATE H-E350A	200.00 X 370.00	94.200	1	6.971	6.971	
759	77B4DD732	6MM PLATE-E250A	120.00 X 129.00	47.100	1	0.729	0.729	
760	77B4DD733LH	8MM PLATE H-E350A	145.00 X 364.00	62.800	1	3.315	3.315	
761	77B4DD733RH	8MM PLATE H-E350A	145.00 X 364.00	62.800	1	3.315	3.315	
762	77B4DD734	L45X45X4-E250A	4199.00	2.700	1	11.337	11.337	
763	77B4DD734X	L45X45X4-E250A	4199.00	2.700	1	11.337	11.337	
764	77B4DD735	L45X45X4-E250A	740.00	2.700	1	1.998	1.998	
765	77B4DD735X	L45X45X4-E250A	740.00	2.700	1	1.998	1.998	
766	77B4DD736H	L45X45X4H-E350A	1468.00	2.700	1	3.964	3.964	
767	77B4DD736XH	L45X45X4H-E350A	1468.00	2.700	1	3.964	3.964	
768	77B4DD737	L45X45X4-E250A	2168.00	2.700	1	5.854	5.854	
769	77B4DD737X	L45X45X4-E250A	2168.00	2.700	1	5.854	5.854	
770	77B4DD738	L45X45X4-E250A	1008.00	2.700	1	2.722	2.722	
771	77B4DD739	L45X45X4-E250A	195.00	2.700	1	0.527	0.527	
772	77B4DD740	6MM PLATE-E250A	110.00 X 110.00	47.100	1	0.570	0.570	
773	77B4DD741	L45X45X4-E250A	2559.00	2.700	1	6.909	6.909	
774	77B4DD741X	L45X45X4-E250A	2559.00	2.700	1	6.909	6.909	
775	77B4DD742	L45X45X4-E250A	2141.00	2.700	1	5.781	5.781	
776	77B4DD742X	L45X45X4-E250A	2141.00	2.700	1	5.781	5.781	
777	77B4DD743	L45X45X4-E250A	1764.00	2.700	1	4.763	4.763	
778	77B4DD743X	L45X45X4-E250A	1764.00	2.700	1	4.763	4.763	
779	77B4DD744	L45X30X4-E250A	702.00	2.200	1	1.544	1.544	
780	77B4DD745	L45X45X4-E250A	181.00	2.700	1	0.489	0.489	
781	77B4DD746	6MM PLATE-E250A	110.00 X 120.00	47.100	1	0.622	0.622	

APPROVED

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Electrical Superintending Engineer
(Planning and Estimation)

SK
16.08.19

By: [Signature] Date: [Signature] Limited



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Date: 24-Jul-2019

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BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass.Wt
782	77B4DD747LH	8MM PLATE H-E350A	150.00 X 364.00	62.800	1	3.429	3.429	
783	77B4DD747RH	8MM PLATE H-E350A	150.00 X 364.00	62.800	1	3.429	3.429	
784	77B4DD748	L45X45X4-E250A	4227.00	2.700	1	11.413	11.413	
785	77B4DD748X	L45X45X4-E250A	4227.00	2.700	1	11.413	11.413	
786	77B4DD749	L45X30X4-E250A	745.00	2.200	1	1.639	1.639	
787	77B4DD749X	L45X30X4-E250A	745.00	2.200	1	1.639	1.639	
788	77B4DD750H	L45X45X4H-E350A	1473.00	2.700	1	3.977	3.977	
789	77B4DD750XH	L45X45X4H-E350A	1473.00	2.700	1	3.977	3.977	
790	77B4DD751	L45X45X4-E250A	2185.00	2.700	1	5.900	5.900	
791	77B4DD751X	L45X45X4-E250A	2185.00	2.700	1	5.900	5.900	
792	77B4DD752	L45X45X4-E250A	1017.00	2.700	1	2.746	2.746	
793	77B4DD753	L45X45X4-E250A	204.00	2.700	1	0.551	0.551	
794	77B4DD754	6MM PLATE-E250A	110.00 X 120.00	47.100	1	0.622	0.622	
795	77B4DD755	L45X45X4-E250A	2575.00	2.700	1	6.953	6.953	
796	77B4DD755X	L45X45X4-E250A	2575.00	2.700	1	6.953	6.953	
797	77B4DD756	L45X45X4-E250A	2160.00	2.700	1	5.832	5.832	
798	77B4DD756X	L45X45X4-E250A	2160.00	2.700	1	5.832	5.832	
799	77B4DD757	L45X45X4-E250A	1788.00	2.700	1	4.828	4.828	
800	77B4DD757X	L45X45X4-E250A	1788.00	2.700	1	4.828	4.828	
801	77B4DD758	L45X30X4-E250A	702.00	2.200	1	1.544	1.544	
802	77B4DD759	L45X45X4-E250A	180.00	2.700	1	0.486	0.486	
803	77B4DD760	6MM PLATE-E250A	110.00 X 120.00	47.100	1	0.622	0.622	
804	77B4DD761	L60X60X4-E250A	3672.00	3.700	2	13.586	27.172	
805	77B4DD761X	L60X60X4-E250A	3672.00	3.700	2	13.586	27.172	
806	77B4DD762H	L45X45X4H-E350A	1509.00	2.700	2	4.074	8.148	
807	77B4DD762XH	L45X45X4H-E350A	1509.00	2.700	2	4.074	8.148	
808	77B4DD763	L45X30X4-E250A	774.00	2.200	2	1.703	3.406	
809	77B4DD763X	L45X30X4-E250A	774.00	2.200	2	1.703	3.406	
810	77B4DD764H	L80X80X6H-E350A	2423.00	7.300	1	17.688	17.688	
811	77B4DD765H	8MM PLATE H-E350A	115.00 X 120.00	62.800	2	0.867	1.734	
Total Weight :						25033.011		

Associated Parts

Part Code	Type of Association	Associated with	Total Weight
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APPROVED

Subject to the condition that you are not absolved of
the responsibility for correctness of the materials
supplied as per specification

** -- Item Welded with another item
*** -- Item Assembled with another item

Electrical Superintending Engineer
(Planning and Control)

Bina, State Power Corporation Limited

84
16.08.19



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
979, Mount-Poonamallee Road, Manapakkam,
Tamilnadu-600089, PHONE :044-22526000, FAX :044-22526059

Date: 24-Jul-2019

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BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

No Association Part

Raw Material Involved	Standard Material	Total Weight (In Kg)
BOM OF BASIC BODY FOR TOWER TYPE - "4DD/DE" (400kV D/C QUAD)		
10MM PLATE H-E350A	HT	69.542
10MM PLATE-E250A	MS	18.832
12MM PLATE H-E350A	HT	73.422
12MM PLATE-E250A	MS	20.774
14MM PLATE H-E350A	HT	1761.084
16MM PLATE-E250A	MS	10.312
2MM PLATE-E250A	MS	1.496
32MM PLATE-E250A	MS	418.891
4MM PLATE-E250A	MS	9.888
6MM PLATE H-E350A	HT	229.458
6MM PLATE-E250A	MS	264.161
8MM PLATE H-E350A	HT	152.268
8MM PLATE-E250A	MS	62.979
L100X100X10H-E350A	HT	437.464
L100X100X6-E250A	MS	275.152
L100X100X6H-E350A	HT	244.056
L100X100X7H-E350A	HT	271.266
L100X100X8-E250A	MS	175.886
L100X100X8H-E350A	HT	1515.478
L110X110X10H-E350A	HT	486.448
L110X110X8-E250A	MS	494.648
L110X110X8H-E350A	HT	2430.516
L120X120X10H-E350A	HT	249.486
L120X120X8H-E350A	HT	1434.132
L130X130X12H-E350A	HT	958.612
L150X150X10H-E350A	HT	531.268
L150X150X12H-E350A	HT	3643.248
L150X150X15H-E350A	HT	47.728
L150X150X16H-E350A	HT	683.780
L45X30X4-E250A	MS	260.568
L45X45X4-E250A	MS	1012.696
L45X45X4H-E350A	HT	352.555

APPROVED

Subject to the condition that you are not absolved of
the responsibility for correctness of the material
supplied as per specification

** -- Item Welded with another item
*** -- Item Assembled with another item

Electrical Superintending Engineer
(Planning and Engineering)

8K Bihar State Power Transmission Corporation Limited

16.08.19



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
979, Mount-Poonamallee Road, Manapakkam,
Tamilnadu-600089, PHONE :044-22526000, FAX :044-22526059

Date: 24-Jul-2019

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BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBS

Order Ref: REF/LE19D023

L50X50X4-E250A	MS	577.296
L50X50X4H-E350A	HT	208.521
L55X55X4-E250A	MS	408.110
L55X55X4H-E350A	HT	24.760
L60X60X4-E250A	MS	252.756
L60X60X4H-E350A	HT	188.398
L60X60X5H-E350A	HT	69.192
L65X65X4-E250A	MS	403.584
L65X65X5-E250A	MS	441.352
L65X65X5H-E350A	HT	135.574
L70X70X5-E250A	MS	73.268
L70X70X5H-E350A	HT	154.170
L70X70X6H-E350A	HT	7.208
L75X75X5-E250A	MS	3.602
L75X75X5H-E350A	HT	233.199
L75X75X6H-E350A	HT	325.800
L80X80X6-E250A	MS	280.614
L80X80X6H-E350A	HT	1046.510
L90X90X6-E250A	MS	20.090
L90X90X6H-E350A	HT	1009.865
L90X90X7H-E350A	HT	571.048
Total		25033.011
HT		19546.056
MS		5486.955

APPROVED

Subject to the condition that you are not absolved of
the responsibility for correctness of the materials
supplied as per specification

Electrical Superintending Engineer
(Planning and Engineering)

Chennai State Power Transmission Corporation Limited

86
16.08.19

** -- Item Welded with another item
*** -- Item Assembled with another item



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
979, Mount-Poonamallee Road, Manapakkam,
Tamilnadu-600089, PHONE :044-22526000, FAX :044-22526059

Date: 24-Jul-2019

Page: 1 of 2

BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBN

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass.Wt
BOLTS & NUTS OF BASIC BODY FOR TOWER TYPE -"4DD/DE" (400kV D/C QUAD)								
1	PQDBN1	M16x35MM LONG (IS:12427)		0.119	849	0.119	101.031	
2	PQDBN2	M16x40MM LONG (IS:12427)		0.126	1446	0.126	182.196	
3	PQDBN3	M16x45MM LONG (IS:12427)		0.134	748	0.134	100.232	
4	PQDBN4	M16x50MM LONG (IS:12427)		0.142	892	0.142	126.664	
5	PQDBN5	M16x55MM LONG (IS:12427)		0.150	717	0.150	107.550	
6	PQDBN6	M16x60MM LONG (IS:12427)		0.158	718	0.158	113.444	
7	PQDBN7	M16x65MM LONG (IS:12427)		0.164	418	0.164	68.552	
8	PQDBN8	M16x70MM LONG (IS:12427)		0.173	190	0.173	32.870	
9	PQDBN9	M16x75MM LONG (IS:12427)		0.180	388	0.180	69.840	
10	PQDBN10	M16x80MM LONG (IS:12427)		0.185	272	0.185	50.320	
11	PQDBN11	M16x85MM LONG (IS:12427)		0.193	84	0.193	16.212	
12	PQDBN12	M16x3.5MM SPRING WASHER IS3063		0.009	6722	0.009	60.498	
13	PQDBN13	M16x175LG SB(35OD)2N +1SP TL-60MM		0.374	130	0.374	48.620	

Total Weight : 1078.029

Associated Parts

Part Code	Type of Association	Associated with	Total Weight
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No Association Part

Raw Material Involved

Standard Material Total Weight (In Kg)

BOLTS & NUTS OF BASIC BODY FOR TOWER TYPE -"4DD/DE" (400kV D/C QUAD)

M16x175LG SB(35OD)2N+1SP TL-60MM	48.620
M16x3.5MM SPRING WASHER IS3063	60.498
M16x35MM LONG (IS:12427)	101.031
M16x40MM LONG (IS:12427)	182.196
M16x45MM LONG (IS:12427)	100.232
M16x50MM LONG (IS:12427)	126.664
M16x55MM LONG (IS:12427)	107.550

APPROVED

Subject to the condition that you are not absolved of
the responsibility for correctness of the materials
supplied as per specification

** -- Item Welded with another item
*** -- Item Assembled with another item

Electrical Superintending Engineer
(Planning and Engineering)

State Power Project

84
16.08.19



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
979, Mount-Poonamallee Road, Manapakkam,
Tamilnadu-600089, PHONE : 044-22526000, FAX : 044-22526059

Date: 24-Jul-2019

Page: 2 of 2

BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBN

Order Ref: REF/LE19D023

M16x60MM LONG (IS:12427)	113.444
M16x65MM LONG (IS:12427)	68.552
M16x70MM LONG (IS:12427)	32.870
M16x75MM LONG (IS:12427)	69.840
M16x80MM LONG (IS:12427)	50.320
M16x85MM LONG (IS:12427)	16.212
Total	1078.029

APPROVED

Subject to the condition that you are not absolved of
the responsibility for correctness of the materials
supplied as per specification

Electrical Superintending Engineer
(Planning and Estimation)
State Power Corporation Limited

Sk
16.08.19

** -- Item Welded with another item
*** -- Item Assembled with another item



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
979, Mount-Poonamallee Road, Manapakkam,
Tamilnadu-600089, PHONE :044-22526000, FAX :044-22526059

Date: 24-Jul-2019

Page: 1 of 1

BILL OF MATERIAL

Order No : LE19D023 - Intra Kanchi R- TL -BSPTCL NIT-77

Bom No : BOM/LE19D023/PQDBW

Order Ref: REF/LE19D023

Sl.No	Part Code	Raw Material	Length Size (In MM)	Unit Wt (In KG)	Req Qty	Per piece wt	Total Wt	Per Piece Ass.Wt
PACK WASHERS OF BASIC BODY FOR TOWER TYPE - "4DD/DE" (400kV D/C QUAD)								
1	PQDBW3	M16x6MM ROUND PACK WASHER IS2016		0.021	512	0.021	10.752	
2	PQDBW4	M16x8MM ROUND PACK WASHER IS2016		0.028	388	0.028	10.864	
3	PQDBW5	M16x10MM ROUND PACK WASHER IS2016		0.036	82	0.036	2.952	
4	PQDBW1	M16x4MM ROUND PACK WASHER IS2016		0.014	17	0.014	0.238	
5	PQDBW2	M16x5MM ROUND PACK WASHER IS2016		0.018	32	0.018	0.576	
6	PQDBW6	M16x12MM ROUND PACK WASHER IS2016		0.043	2	0.043	0.086	
Total Weight :							25.468	

Associated Parts

Part Code	Type of Association	Associated with	Total Weight
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No Association Part

Raw Material Involved	Standard Material	Total Weight (In Kg)
PACK WASHERS OF BASIC BODY FOR TOWER TYPE - "4DD/DE" (400kV D/C QUAD)		
M16x10MM ROUND PACK WASHER IS2016		2.952
M16x12MM ROUND PACK WASHER IS2016		0.086
M16x4MM ROUND PACK WASHER IS2016		0.238
M16x5MM ROUND PACK WASHER IS2016		0.576
M16x6MM ROUND PACK WASHER IS2016		10.752
M16x8MM ROUND PACK WASHER IS2016		10.864
Total		25.468

APPROVED

Subject to the condition that you are not absolved of
the responsibility for correctness of the materials
supplied as per specification

Electrical Superintending Engineer
(Planning and Engineering)
State Power Transmission Limited

8/16/08/19

** -- Item Welded with another item
*** -- Item Assembled with another item