



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-0304 (SHEET 1 TO 8)**

BOM No. : **BOM/LE19D023/4DC/004**

NO OF SHEETS: **30**

BILL OF MATERIAL

BASIC BODY FOR TOWER TYPE - "4DC"

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

WEIGHT OF STRUCTURE	
HT MEMBERS: BOM/LE19D023/PQCBS	18067.283
MS MEMBERS INCLUDING PACK WASHERS AND ACCESSORIES ECT.. BOM/LE19D023/PQCBS = 4564.252 BOM/LE19D023/PQCBW = 30.262	4594.514
WEIGHT OF BOLTS & NUTS, SPRING WASHERS AND STEP BOLTS BOM/LE19D023/PQCBW	1100.501
TOTAL WEIGHT OF STRUCTURE:	23762.298 Kgs

**SUCCESSFULLY TESTED AT L&T-TLTRS-KANCHIPURAM
ON 07th OF SEPTEMBER 2019**

APPROVED

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

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

27.09.19

0	07.09.19	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		07.09.19		

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: 07-Sep-2019

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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

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 - "4DC" (400kV D/C QUAD)								
1	77B4DC100SH	L150X150X12H-E350A	5620.00	27.300	2	153.426	306.852	
2	77B4DC100AH	L150X150X12H-E350A	5620.00	27.300	2	153.426	306.852	
3	77B4DC101H	L150X150X12H-E350A	5620.00	27.300	2	153.426	306.852	
4	77B4DC101AH	L150X150X12H-E350A	5620.00	27.300	2	153.426	306.852	
5	77B4DC102H	L120X120X10H-E350A	476.00	18.200	8	8.663	69.304	
6	77B4DC102AH	L150X150X10H-E350A	476.00	22.900	8	10.900	87.200	
7	77B4DC103H	14MM PLATE H-E350A	276.00 X 476.00	109.900	4	14.438	57.752	
8	77B4DC104H	14MM PLATE H-E350A	110.00 X 476.00	109.900	8	5.754	46.032	
9	77B4DC105H	14MM PLATE H-E350A	110.00 X 316.00	109.900	16	3.820	61.120	
10	77B4DC106H	14MM PLATE H-E350A	284.00 X 316.00	109.900	4	9.863	39.452	
11	77B4DC107H	L150X150X10H-E350A	371.00	22.900	8	8.496	67.968	
12	77B4DC108H	14MM PLATE H-E350A	316.00 X 371.00	109.900	4	12.884	51.536	
13	77B4DC109H	14MM PLATE H-E350A	130.00 X 371.00	109.900	8	5.300	42.400	
14	77B4DC110LH	L70X70X6H-E350A	2750.00	6.300	2	17.325	34.650	
15	77B4DC110RH	L70X70X6H-E350A	2750.00	6.300	2	17.325	34.650	
16	77B4DC111LH	L70X70X6H-E350A	2750.00	6.300	2	17.325	34.650	
17	77B4DC111RH	L70X70X6H-E350A	2750.00	6.300	2	17.325	34.650	
18	77B4DC112LH	L75X75X6H-E350A	2750.00	6.800	2	18.700	37.400	
19	77B4DC112RH	L75X75X6H-E350A	2750.00	6.800	2	18.700	37.400	
20	77B4DC113LH	L75X75X6H-E350A	2750.00	6.800	2	18.700	37.400	
21	77B4DC113RH	L75X75X6H-E350A	2750.00	6.800	2	18.700	37.400	
22	77B4DC114LH	L70X70X6H-E350A	4469.00	6.300	2	28.155	56.310	
23	77B4DC114RH	L70X70X6H-E350A	4469.00	6.300	2	28.155	56.310	
24	77B4DC115LH	L70X70X6H-E350A	4471.00	6.300	2	28.167	56.334	
25	77B4DC115RH	L70X70X6H-E350A	4471.00	6.300	2	28.167	56.334	
26	77B4DC116LH	L75X75X6H-E350A	4469.00	6.800	2	30.389	60.778	
27	77B4DC116RH	L75X75X6H-E350A	4469.00	6.800	2	30.389	60.778	
28	77B4DC117LH	L75X75X6H-E350A	4471.00	6.800	2	30.403	60.806	
29	77B4DC117RH	L75X75X6H-E350A	4471.00	6.800	2	30.403	60.806	
30	77B4DC118LH	L60X60X5H-E350A	286.00	4.500	8	1.287	10.296	
31	77B4DC118RH	L60X60X5H-E350A	286.00	4.500	8	1.287	10.296	
32	77B4DC119H	6MM PLATE H-E350A	146.00 X 286.00	47.100	8	1.967	15.736	
33	77B4DC119AH	14MM PLATE H-E350A	60.00 X 286.00	109.900	8	1.886	15.088	

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 Company Limited
Vidhyut Bhawan, Patna-800021

Sk
27.09.19



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

Date: 07-Sep-2019

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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

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	77B4DC120L	L65X65X4-E250A	2236.00	4.000	4	8.944	35.776	
35	77B4DC120R	L65X65X4-E250A	2236.00	4.000	4	8.944	35.776	
36	77B4DC121L	L65X65X5-E250A	3577.00	4.900	4	17.527	70.108	
37	77B4DC121R	L65X65X5-E250A	3577.00	4.900	4	17.527	70.108	
38	77B4DC122L	L50X50X4-E250A	2393.00	3.000	4	7.179	28.716	
39	77B4DC122R	L50X50X4-E250A	2393.00	3.000	4	7.179	28.716	
40	77B4DC123L	L75X75X5-E250A	4106.00	5.700	4	23.404	93.616	
41	77B4DC123R	L75X75X5-E250A	4106.00	5.700	4	23.404	93.616	
42	77B4DC124L	L45X30X4-E250A	1434.00	2.200	4	3.155	12.620	
43	77B4DC124R	L45X30X4-E250A	1434.00	2.200	4	3.155	12.620	
44	77B4DC125L	L65X65X5-E250A	2453.00	4.900	4	12.020	48.080	
45	77B4DC125R	L65X65X5-E250A	2453.00	4.900	4	12.020	48.080	
46	77B4DC126H	L60X60X4H-E350A	2870.00	3.700	4	10.619	42.476	
47	77B4DC127	L50X50X4-E250A	2426.00	3.000	8	7.278	58.224	
48	77B4DC128H	L60X60X4H-E350A	5880.00	3.700	4	21.756	87.024	
49	77B4DC129L	L55X55X4-E250A	4638.00	3.300	4	15.305	61.220	
50	77B4DC129R	L55X55X4-E250A	4638.00	3.300	4	15.305	61.220	
51	77B4DC130	L45X30X4-E250A	1209.00	2.200	8	2.660	21.280	
52	77B4DC131	6MM PLATE-E250A	110.00 X 146.00	47.100	8	0.756	6.048	
53	77B4DC132LH	6MM PLATE H-E350A	120.00 X 288.00	47.100	4	1.628	6.512	
54	77B4DC132RH	6MM PLATE H-E350A	120.00 X 288.00	47.100	4	1.628	6.512	
55	77B4DC133LH	6MM PLATE H-E350A	119.00 X 286.00	47.100	4	1.603	6.412	
56	77B4DC133RH	6MM PLATE H-E350A	119.00 X 286.00	47.100	4	1.603	6.412	
57	77B4DC134L	6MM PLATE-E250A	115.00 X 256.00	47.100	4	1.387	5.548	
58	77B4DC134R	6MM PLATE-E250A	115.00 X 256.00	47.100	4	1.387	5.548	
59	77B4DC150SH	L150X150X12H-E350A	5500.00	27.300	2	150.150	300.300	
60	77B4DC150AH	L150X150X12H-E350A	5500.00	27.300	2	150.150	300.300	
61	77B4DC151H	L150X150X12H-E350A	5500.00	27.300	2	150.150	300.300	
62	77B4DC151AH	L150X150X12H-E350A	5500.00	27.300	2	150.150	300.300	
63	77B4DC152SH	L150X150X12H-E350A	3363.00	27.300	2	91.810	183.620	
64	77B4DC152AH	L150X150X12H-E350A	3363.00	27.300	2	91.810	183.620	
65	77B4DC153H	L150X150X12H-E350A	3154.00	27.300	2	86.104	172.208	
66	77B4DC153AH	L150X150X12H-E350A	3154.00	27.300	2	86.104	172.208	
67	77B4DC154H	L120X120X10H-E350A	476.00	18.200	16	8.663	138.608	

APPROVED

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Electrical Superintending Engineer
(Planning and Engineering)

State Power Transmission Company Limited
Vidut Bhawan Patna-80002

8K
27-09-19



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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

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	77B4DC154AH	L150X150X10H-E350A	476.00	22.900	16	10.900	174.400	
69	77B4DC155H	14MM PLATE H-E350A	276.00 X 476.00	109.900	8	14.438	115.504	
70	77B4DC156H	14MM PLATE H-E350A	110.00 X 476.00	109.900	16	5.754	92.064	
71	77B4DC157H	14MM PLATE H-E350A	110.00 X 316.00	109.900	28	3.820	106.960	
72	77B4DC158H	14MM PLATE H-E350A	210.00 X 316.00	109.900	4	7.293	29.172	
73	77B4DC159H	14MM PLATE H-E350A	263.00 X 316.00	109.900	4	9.134	36.536	
74	77B4DC160H	L150X150X10H-E350A	168.00	22.900	4	3.847	15.388	
75	77B4DC160AH	L150X150X10H-E350A	168.00	22.900	4	3.847	15.388	
76	77B4DC161LH	14MM PLATE H-E350A	599.00 X 710.00	109.900	1	46.739	46.739	
77	77B4DC161RH	14MM PLATE H-E350A	599.00 X 710.00	109.900	1	46.739	46.739	
78	77B4DC162LH	14MM PLATE H-E350A	258.00 X 507.00	109.900	2	14.376	28.752	
79	77B4DC162RH	14MM PLATE H-E350A	258.00 X 507.00	109.900	2	14.376	28.752	
80	77B4DC163LH	14MM PLATE H-E350A	174.00 X 507.00	109.900	2	9.695	19.390	
81	77B4DC163RH	14MM PLATE H-E350A	174.00 X 507.00	109.900	2	9.695	19.390	
82	77B4DC164LH	14MM PLATE H-E350A	599.00 X 800.00	109.900	1	52.664	52.664	
83	77B4DC164RH	14MM PLATE H-E350A	599.00 X 800.00	109.900	1	52.664	52.664	
84	77B4DC165H	L150X150X10H-E350A	337.00	22.900	4	7.717	30.868	
85	77B4DC165AH	L150X150X10H-E350A	337.00	22.900	4	7.717	30.868	
86	77B4DC166H	L90X90X6H-E350A	5100.00	8.200	4	41.820	167.280	
87	77B4DC167H	L90X90X6H-E350A	5102.00	8.200	4	41.836	167.344	
88	77B4DC168H	L90X90X6H-E350A	5100.00	8.200	4	41.820	167.280	
89	77B4DC169H	L90X90X6H-E350A	5102.00	8.200	4	41.836	167.344	
90	77B4DC170H	L90X90X6H-E350A	2033.00	8.200	4	16.671	66.684	
91	77B4DC171H	L90X90X6H-E350A	6307.00	8.200	4	51.717	206.868	
92	77B4DC172H	L90X90X6H-E350A	6305.00	8.200	4	51.701	206.804	
93	77B4DC173H	L90X90X6H-E350A	2033.00	8.200	4	16.671	66.684	
94	77B4DC174H	L90X90X6H-E350A	4157.00	8.200	4	34.087	136.348	
95	77B4DC175H	L90X90X6H-E350A	4159.00	8.200	4	34.104	136.416	
96	77B4DC176LH	L70X70X5H-E350A	286.00	5.300	8	1.516	12.128	
97	77B4DC176RH	L70X70X5H-E350A	286.00	5.300	8	1.516	12.128	
98	77B4DC177H	6MM PLATE H-E350A	154.00 X 286.00	47.100	8	2.074	16.592	
99	77B4DC178H	12MM PLATE H-E350A	70.00 X 286.00	94.200	8	1.886	15.088	
100	77B4DC179L	L45X45X4-E250A	1385.00	2.700	4	3.740	14.960	
101	77B4DC179R	L45X45X4-E250A	1385.00	2.700	4	3.740	14.960	

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Bihar State Power Transmission Company Limited

Vidyt Bhawan Patna-800021

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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

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	77B4DC180L	L75X75X5-E250A	2727.00	5.700	4	15.544	62.176	
103	77B4DC180R	L75X75X5-E250A	2727.00	5.700	4	15.544	62.176	
104	77B4DC181L	L70X70X5-E250A	2812.00	5.300	4	14.904	59.616	
105	77B4DC181R	L70X70X5-E250A	2812.00	5.300	4	14.904	59.616	
106	77B4DC182H	L45X45X4H-E350A	1464.00	2.700	8	3.953	31.624	
107	77B4DC183H	12MM PLATE H-E350A	329.00 X 343.00	94.200	4	10.630	42.520	
108	77B4DC184L	L45X45X4-E250A	3208.00	2.700	4	8.662	34.648	
109	77B4DC184R	L45X45X4-E250A	3208.00	2.700	4	8.662	34.648	
110	77B4DC185L	L65X65X5-E250A	2370.00	4.900	4	11.613	46.452	
111	77B4DC185R	L65X65X5-E250A	2370.00	4.900	4	11.613	46.452	
112	77B4DC185A	6MM PLATE-E250A	130.00 X 146.00	47.100	8	0.894	7.152	
113	77B4DC185B	6MM PLATE-E250A	50.00 X 127.00	47.100	8	0.299	2.392	
114	77B4DC186H	L120X120X10H-E350A	5786.00	18.200	2	105.305	210.610	
115	77B4DC187	12MM PLATE-E250A	95.00 X 155.00	94.200	4	1.387	5.548	
116	77B4DC188H	L110X110X10H-E350A	5788.00	16.600	2	96.081	192.162	
117	77B4DC189	10MM PLATE-E250A	80.00 X 90.00	78.500	4	0.565	2.260	
118	77B4DC190H	L45X45X4H-E350A	1604.00	2.700	4	4.331	17.324	
119	77B4DC191	L50X50X4-E250A	3383.00	3.000	4	10.149	40.596	
120	77B4DC191X	L50X50X4-E250A	3383.00	3.000	4	10.149	40.596	
121	77B4DC192	L50X50X4-E250A	4603.00	3.000	4	13.809	55.236	
122	77B4DC192X	L50X50X4-E250A	4603.00	3.000	4	13.809	55.236	
123	77B4DC193	6MM PLATE-E250A	110.00 X 154.00	47.100	8	0.798	6.384	
124	77B4DC194H	6MM PLATE H-E350A	110.00 X 254.00	47.100	8	1.316	10.528	
125	77B4DC195	6MM PLATE-E250A	110.00 X 254.00	47.100	8	1.316	10.528	
126	77B4DC196L	6MM PLATE-E250A	110.00 X 281.00	47.100	4	1.456	5.824	
127	77B4DC196R	6MM PLATE-E250A	110.00 X 281.00	47.100	4	1.456	5.824	
128	77B4DC197H	L60X60X4H-E350A	2636.00	3.700	4	9.753	39.012	
129	77B4DC198	L45X45X4-E250A	3891.00	2.700	4	10.506	42.024	
130	77B4DC198X	L45X45X4-E250A	3891.00	2.700	4	10.506	42.024	
131	77B4DC199	6MM PLATE-E250A	110.00 X 154.00	47.100	8	0.798	6.384	
132	77B4DC200H	6MM PLATE H-E350A	110.00 X 254.00	47.100	8	1.316	10.528	
133	77B4DC201L	6MM PLATE-E250A	114.00 X 275.00	47.100	4	1.477	5.908	
134	77B4DC201R	6MM PLATE-E250A	114.00 X 275.00	47.100	4	1.477	5.908	
135	77B4DC220SH	L150X150X18H-E350A	4300.00	40.100	2	172.430	344.860	

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*** -- Item Assembled with another item

Electrical Superintending Engineer
(Planning and Engineering)

Bihar State Power Transmission Company Limited
Vidyut Bhawan, Patna-800021

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27.09.19



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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

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	77B4DC221H	L150X150X18H-E350A	4300.00	40.100	2	172.430	344.860	
137	77B4DC222SH	L150X150X14H-E350A	4190.00	31.500	2	131.985	263.970	
138	77B4DC223H	L150X150X14H-E350A	4190.00	31.500	2	131.985	263.970	
139	77B4DC224H	L150X150X12H-E350A	476.00	27.300	8	12.995	103.960	
140	77B4DC225H	L150X150X12H-E350A	476.00	27.300	4	12.995	51.980	
141	77B4DC226H	14MM PLATE H-E350A	296.00 X 476.00	109.900	4	15.484	61.936	
142	77B4DC227H	14MM PLATE H-E350A	120.00 X 476.00	109.900	8	6.277	50.216	
143	77B4DC228	6MM PLATE-E250A	95.00 X 230.00	47.100	8	1.029	8.232	
144	77B4DC229H	L130X130X10H-E350A	476.00	19.700	4	9.377	37.508	
145	77B4DC230H	10MM PLATE H-E350A	115.00 X 476.00	78.500	8	4.297	34.376	
146	77B4DC231	4MM PLATE-E250A	95.00 X 230.00	31.400	8	0.686	5.488	
147	77B4DC232H	L90X90X7H-E350A	3607.00	9.600	2	34.627	69.254	
148	77B4DC233H	L90X90X7H-E350A	6935.00	9.600	2	66.576	133.152	
149	77B4DC234H	L90X90X7H-E350A	6932.00	9.600	2	66.547	133.094	
150	77B4DC235H	L90X90X7H-E350A	3609.00	9.600	2	34.646	69.292	
151	77B4DC236H	L90X90X7H-E350A	3270.00	9.600	2	31.392	62.784	
152	77B4DC237H	L90X90X7H-E350A	3271.00	9.600	2	31.402	62.804	
153	77B4DC238H	14MM PLATE H-E350A	317.00 X 808.00	109.900	2	28.149	56.298	
154	77B4DC239	L50X50X4-E250A	2298.00	3.000	2	6.894	13.788	
155	77B4DC239AL	L45X45X4-E250A	1252.00	2.700	2	3.380	6.760	
156	77B4DC239AR	L45X45X4-E250A	1252.00	2.700	2	3.380	6.760	
157	77B4DC239BL	L45X45X4-E250A	1924.00	2.700	2	5.195	10.390	
158	77B4DC239BR	L45X45X4-E250A	1924.00	2.700	2	5.195	10.390	
159	77B4DC240LH	L50X50X4H-E350A	1215.00	3.000	2	3.645	7.290	
160	77B4DC240RH	L50X50X4H-E350A	1215.00	3.000	2	3.645	7.290	
161	77B4DC241H	6MM PLATE H-E350A	130.00 X 153.00	47.100	4	0.937	3.748	
162	77B4DC241A	8MM PLATE-E250A	50.00 X 153.00	62.800	4	0.480	1.920	
163	77B4DC242L	L45X45X4-E250A	1561.00	2.700	2	4.215	8.430	
164	77B4DC242R	L45X45X4-E250A	1561.00	2.700	2	4.215	8.430	
165	77B4DC243LH	L90X90X6H-E350A	2545.00	8.200	2	20.869	41.738	
166	77B4DC243RH	L90X90X6H-E350A	2545.00	8.200	2	20.869	41.738	
167	77B4DC243A	10MM PLATE-E250A	70.00 X 120.00	78.500	4	0.659	2.636	
168	77B4DC243B	8MM PLATE-E250A	70.00 X 120.00	62.800	4	0.528	2.112	
169	77B4DC244L	L45X30X4-E250A	1085.00	2.200	2	2.387	4.774	

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)

Shri State Power Transmission Company Limited
Vidhyut Bhawari, Patna-800021

8k
27.05.19



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

Date: 07-Sep-2019

Page: 6 of 27

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

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	77B4DC244R	L45X30X4-E250A	1085.00	2.200	2	2.387	4.774	
171	77B4DC245L	L50X50X4-E250A	1830.00	3.000	2	5.490	10.980	
172	77B4DC245R	L50X50X4-E250A	1830.00	3.000	2	5.490	10.980	
173	77B4DC246LH	L50X50X4H-E350A	1472.00	3.000	2	4.416	8.832	
174	77B4DC246RH	L50X50X4H-E350A	1472.00	3.000	2	4.416	8.832	
175	77B4DC247H	14MM PLATE H-E350A	222.00 X 516.00	109.900	4	12.589	50.356	
176	77B4DC248	10MM PLATE-E250A	80.00 X 140.00	78.500	4	0.879	3.516	
177	77B4DC248A	8MM PLATE-E250A	80.00 X 140.00	62.800	4	0.703	2.812	
178	77B4DC249	10MM PLATE-E250A	83.00 X 140.00	78.500	4	0.912	3.648	
179	77B4DC249A	8MM PLATE-E250A	83.00 X 140.00	62.800	4	0.730	2.920	
180	77B4DC250H	L90X90X7H-E350A	3288.00	9.600	2	31.565	63.130	
181	77B4DC251H	L90X90X7H-E350A	6341.00	9.600	2	60.874	121.748	
182	77B4DC252H	L90X90X7H-E350A	6340.00	9.600	2	60.864	121.728	
183	77B4DC253H	L90X90X7H-E350A	3289.00	9.600	2	31.574	63.148	
184	77B4DC254H	L90X90X7H-E350A	3000.00	9.600	2	28.800	57.600	
185	77B4DC255H	L90X90X7H-E350A	3001.00	9.600	2	28.810	57.620	
186	77B4DC256H	14MM PLATE H-E350A	319.00 X 395.00	109.900	2	13.848	27.696	
187	77B4DC257L	L45X45X4-E250A	1212.00	2.700	2	3.272	6.544	
188	77B4DC257R	L45X45X4-E250A	1212.00	2.700	2	3.272	6.544	
189	77B4DC258	6MM PLATE-E250A	130.00 X 181.00	47.100	4	1.108	4.432	
190	77B4DC258A	8MM PLATE-E250A	50.00 X 181.00	62.800	4	0.568	2.272	
191	77B4DC259	L55X55X4-E250A	1970.00	3.300	4	6.501	26.004	
192	77B4DC260L	L45X45X4-E250A	1950.00	2.700	2	5.265	10.530	
193	77B4DC260R	L45X45X4-E250A	1950.00	2.700	2	5.265	10.530	
194	77B4DC261L	L45X45X4-E250A	1334.00	2.700	2	3.602	7.204	
195	77B4DC261R	L45X45X4-E250A	1334.00	2.700	2	3.602	7.204	
196	77B4DC262H	L110X110X10H-E350A	4796.00	16.600	2	79.614	159.228	
197	77B4DC263H	14MM PLATE H-E350A	288.00 X 541.00	109.900	4	17.123	68.492	
198	77B4DC264H	14MM PLATE H-E350A	90.00 X 175.00	109.900	4	1.731	6.924	
199	77B4DC265H	L80X80X6H-E350A	3606.00	7.300	2	26.324	52.648	
200	77B4DC266H	L80X80X6H-E350A	6938.00	7.300	2	50.647	101.294	
201	77B4DC267H	L80X80X6H-E350A	3608.00	7.300	2	26.338	52.676	
202	77B4DC268H	L80X80X6H-E350A	6935.00	7.300	2	50.626	101.252	
203	77B4DC269H	L80X80X6H-E350A	3286.00	7.300	2	23.988	47.976	

APPROVED

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Electrical Superintending Engineer
(Planning and Engineering)

Indian State Power Transmission Company Limited

Vidhyut Bhawan, Patna-800021

8k
27.09.19



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

Date: 07-Sep-2019

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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

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	77B4DC270H	L80X80X6H-E350A	3287.00	7.300	2	23.995	47.990	
205	77B4DC271H	12MM PLATE H-E350A	305.00 X 636.00	94.200	2	18.273	36.546	
206	77B4DC272	L50X50X4-E250A	2291.00	3.000	2	6.873	13.746	
207	77B4DC273LH	L50X50X4H-E350A	1250.00	3.000	2	3.750	7.500	
208	77B4DC273RH	L50X50X4H-E350A	1250.00	3.000	2	3.750	7.500	
209	77B4DC274H	6MM PLATE H-E350A	125.00 X 146.00	47.100	4	0.860	3.440	
210	77B4DC274A	6MM PLATE-E250A	50.00 X 146.00	47.100	4	0.344	1.376	
211	77B4DC275L	L45X45X4-E250A	1590.00	2.700	2	4.293	8.586	
212	77B4DC275R	L45X45X4-E250A	1590.00	2.700	2	4.293	8.586	
213	77B4DC276	8MM PLATE-E250A	155.00 X 175.00	62.800	4	1.703	6.812	
214	77B4DC277L	L80X80X6-E250A	2572.00	7.300	2	18.776	37.552	
215	77B4DC277R	L80X80X6-E250A	2572.00	7.300	2	18.776	37.552	
216	77B4DC278L	L45X30X4-E250A	1083.00	2.200	2	2.383	4.766	
217	77B4DC278R	L45X30X4-E250A	1083.00	2.200	2	2.383	4.766	
218	77B4DC279L	L50X50X4-E250A	1822.00	3.000	2	5.466	10.932	
219	77B4DC279R	L50X50X4-E250A	1822.00	3.000	2	5.466	10.932	
220	77B4DC280LH	L50X50X4H-E350A	1463.00	3.000	2	4.389	8.778	
221	77B4DC280RH	L50X50X4H-E350A	1463.00	3.000	2	4.389	8.778	
222	77B4DC281H	12MM PLATE H-E350A	231.00 X 484.00	94.200	4	10.532	42.128	
223	77B4DC281A	10MM PLATE-E250A	67.00 X 130.00	78.500	4	0.684	2.736	
224	77B4DC281B	8MM PLATE-E250A	67.00 X 130.00	62.800	4	0.547	2.188	
225	77B4DC282	10MM PLATE-E250A	83.00 X 140.00	78.500	4	0.912	3.648	
226	77B4DC282A	8MM PLATE-E250A	83.00 X 140.00	62.800	4	0.730	2.920	
227	77B4DC283H	L90X90X6H-E350A	3260.00	8.200	2	26.732	53.464	
228	77B4DC284H	L90X90X6H-E350A	6289.00	8.200	2	51.570	103.140	
229	77B4DC285H	L90X90X6H-E350A	6288.00	8.200	2	51.562	103.124	
230	77B4DC286H	L90X90X6H-E350A	3261.00	8.200	2	26.740	53.480	
231	77B4DC287H	L90X90X6H-E350A	2973.00	8.200	2	24.379	48.758	
232	77B4DC288H	L90X90X6H-E350A	2974.00	8.200	2	24.387	48.774	
233	77B4DC289H	12MM PLATE H-E350A	319.00 X 400.00	94.200	2	12.020	24.040	
234	77B4DC290L	L45X45X4-E250A	1203.00	2.700	2	3.248	6.496	
235	77B4DC290R	L45X45X4-E250A	1203.00	2.700	2	3.248	6.496	
236	77B4DC291	6MM PLATE-E250A	130.00 X 186.00	47.100	4	1.139	4.556	
237	77B4DC291A	6MM PLATE-E250A	50.00 X 186.00	47.100	4	0.438	1.752	

APPROVED
Subject to the condition that you are not absolved of
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Electrical Superintending Engineer
(Planning and Engineering)
Bihar State Power Transmission Company Limited
Widyt Bhawan Patna-800021

8k
27.03.19



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

Date: 07-Sep-2019

Page: 8 of 27

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

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	77B4DC292L	L55X55X4-E250A	1919.00	3.300	2	6.333	12.666	
239	77B4DC292R	L55X55X4-E250A	1919.00	3.300	2	6.333	12.666	
240	77B4DC293L	L45X45X4-E250A	1884.00	2.700	2	5.087	10.174	
241	77B4DC293R	L45X45X4-E250A	1884.00	2.700	2	5.087	10.174	
242	77B4DC294L	L45X45X4-E250A	1373.00	2.700	2	3.707	7.414	
243	77B4DC294R	L45X45X4-E250A	1373.00	2.700	2	3.707	7.414	
244	77B4DC295H	14MM PLATE H-E350A	50.00 X 90.00	109.900	4	0.495	1.980	
245	77B4DC296H	12MM PLATE H-E350A	165.00 X 524.00	94.200	4	8.145	32.580	
246	77B4DC297H	L75X75X5H-E350A	5039.00	5.700	1	28.722	28.722	
247	77B4DC298H	L75X75X5H-E350A	5057.00	5.700	1	28.825	28.825	
248	77B4DC299H	L45X45X4H-E350A	1843.00	2.700	4	4.976	19.904	
249	77B4DC299AL	L45X45X4-E250A	2834.00	2.700	2	7.652	15.304	
250	77B4DC299AR	L45X45X4-E250A	2834.00	2.700	2	7.652	15.304	
251	77B4DC299BL	L45X45X4-E250A	2843.00	2.700	2	7.676	15.352	
252	77B4DC299BR	L45X45X4-E250A	2843.00	2.700	2	7.676	15.352	
253	77B4DC300H	6MM PLATE H-E350A	110.00 X 256.00	47.100	4	1.326	5.304	
254	77B4DC300A	6MM PLATE-E250A	110.00 X 256.00	47.100	4	1.326	5.304	
255	77B4DC300B	6MM PLATE-E250A	110.00 X 156.00	47.100	4	0.808	3.232	
256	77B4DC301H	6MM PLATE H-E350A	110.00 X 239.00	47.100	4	1.238	4.952	
257	77B4DC301A	6MM PLATE-E250A	110.00 X 239.00	47.100	4	1.238	4.952	
258	77B4DC301B	6MM PLATE-E250A	110.00 X 144.00	47.100	4	0.746	2.984	
259	77B4DC302H	L45X45X4H-E350A	1957.00	2.700	4	5.284	21.136	
260	77B4DC303H	6MM PLATE H-E350A	110.00 X 256.00	47.100	4	1.326	5.304	
261	77B4DC303A	6MM PLATE-E250A	110.00 X 156.00	47.100	8	0.808	6.464	
262	77B4DC304H	6MM PLATE H-E350A	110.00 X 239.00	47.100	4	1.238	4.952	
263	77B4DC304A	6MM PLATE-E250A	110.00 X 144.00	47.100	8	0.746	5.968	
264	77B4DC305H	L45X45X4H-E350A	1811.00	2.700	4	4.890	19.560	
265	77B4DC305AL	L45X45X4-E250A	2634.00	2.700	2	7.112	14.224	
266	77B4DC305AR	L45X45X4-E250A	2634.00	2.700	2	7.112	14.224	
267	77B4DC305BL	L45X45X4-E250A	2605.00	2.700	2	7.034	14.068	
268	77B4DC305BR	L45X45X4-E250A	2605.00	2.700	2	7.034	14.068	
269	77B4DC306H	6MM PLATE H-E350A	110.00 X 256.00	47.100	4	1.326	5.304	
270	77B4DC306A	6MM PLATE-E250A	110.00 X 256.00	47.100	4	1.326	5.304	
271	77B4DC306B	6MM PLATE-E250A	110.00 X 156.00	47.100	4	0.808	3.232	

APPROVED

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Electrical Superintending Engineer
(Planning and Engineering)

Shri State Power Transmission Company Limited

Sk
27.09.19 Vidyut Bhawan Patna-800021



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
979, Mount-Poonamallee Road, Manapakkam,
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Date: 07-Sep-2019

Page: 9 of 27

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

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	77B4DC307H	6MM PLATE H-E350A	110.00 X 254.00	47.100	4	1.316	5.264	
273	77B4DC307A	6MM PLATE-E250A	110.00 X 254.00	47.100	4	1.316	5.264	
274	77B4DC307B	6MM PLATE-E250A	110.00 X 154.00	47.100	4	0.798	3.192	
275	77B4DC308H	L45X45X4H-E350A	1691.00	2.700	4	4.566	18.264	
276	77B4DC309H	6MM PLATE H-E350A	110.00 X 256.00	47.100	4	1.326	5.304	
277	77B4DC309A	6MM PLATE-E250A	110.00 X 156.00	47.100	8	0.808	6.464	
278	77B4DC310H	6MM PLATE H-E350A	110.00 X 254.00	47.100	4	1.316	5.264	
279	77B4DC310A	6MM PLATE-E250A	110.00 X 154.00	47.100	8	0.798	6.384	
280	77B4DC311	6MM PLATE-E250A	110.00 X 120.00	47.100	2	0.622	1.244	
281	77B4DC312	6MM PLATE-E250A	140.00 X 167.00	47.100	2	1.101	2.202	
282	77B4DC340SH	L130X130X10H-E350A	4175.00	19.700	2	82.248	164.496	
283	77B4DC341H	L130X130X10H-E350A	4175.00	19.700	2	82.248	164.496	
284	77B4DC342SH	L100X100X7H-E350A	5680.00	10.700	2	60.776	121.552	
285	77B4DC343H	L100X100X7H-E350A	5680.00	10.700	2	60.776	121.552	
286	77B4DC344H	L130X130X10H-E350A	386.00	19.700	4	7.604	30.416	
287	77B4DC345H	8MM PLATE H-E350A	130.00 X 386.00	62.800	8	3.151	25.208	
288	77B4DC346	4MM PLATE-E250A	85.00 X 185.00	31.400	8	0.494	3.952	
289	77B4DC347H	L90X90X6H-E350A	380.00	8.200	4	3.116	12.464	
290	77B4DC348H	8MM PLATE H-E350A	90.00 X 380.00	62.800	8	2.148	17.184	
291	77B4DC349	3MM PLATE-E250A	70.00 X 185.00	23.550	8	0.305	2.440	
292	77B4DC350	L50X50X4-E250A	2273.00	3.000	2	6.819	13.638	
293	77B4DC351H	L70X70X6H-E350A	3233.00	6.300	2	20.368	40.736	
294	77B4DC352H	L70X70X6H-E350A	6165.00	6.300	2	38.840	77.680	
295	77B4DC353H	L70X70X6H-E350A	6163.00	6.300	2	38.827	77.654	
296	77B4DC354H	L70X70X6H-E350A	3234.00	6.300	2	20.374	40.748	
297	77B4DC355H	L70X70X6H-E350A	2901.00	6.300	2	18.276	36.552	
298	77B4DC356H	L70X70X6H-E350A	2902.00	6.300	2	18.283	36.566	
299	77B4DC357L	L45X45X4-E250A	1043.00	2.700	2	2.816	5.632	
300	77B4DC357R	L45X45X4-E250A	1043.00	2.700	2	2.816	5.632	
301	77B4DC358	6MM PLATE-E250A	120.00 X 124.00	47.100	4	0.701	2.804	
302	77B4DC358A	6MM PLATE-E250A	50.00 X 124.00	47.100	4	0.292	1.168	
303	77B4DC359L	L45X45X4-E250A	1424.00	2.700	2	3.845	7.690	
304	77B4DC359R	L45X45X4-E250A	1424.00	2.700	2	3.845	7.690	
305	77B4DC360LH	L80X80X6H-E350A	2121.00	7.300	2	15.483	30.966	

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Electrical Superintending Engineer
(Planning and Engineering)

Tamil Nadu State Power Transmission Company Limited

27-09-19 Vidyut Bhawan, Chennai - 600021



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

Date: 07-Sep-2019

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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

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	77B4DC360RH	L80X80X6H-E350A	2121.00	7.300	2	15.483	30.966	
307	77B4DC360A	10MM PLATE-E250A	65.00 X 90.00	78.500	4	0.459	1.836	
308	77B4DC361H	12MM PLATE H-E350A	314.00 X 647.00	94.200	2	19.137	38.274	
309	77B4DC362L	L45X30X4-E250A	1051.00	2.200	2	2.312	4.624	
310	77B4DC362R	L45X30X4-E250A	1051.00	2.200	2	2.312	4.624	
311	77B4DC363L	L45X45X4-E250A	1601.00	2.700	2	4.323	8.646	
312	77B4DC363R	L45X45X4-E250A	1601.00	2.700	2	4.323	8.646	
313	77B4DC364L	L45X45X4-E250A	1209.00	2.700	2	3.264	6.528	
314	77B4DC364R	L45X45X4-E250A	1209.00	2.700	2	3.264	6.528	
315	77B4DC365H	12MM PLATE H-E350A	216.00 X 472.00	94.200	4	9.604	38.416	
316	77B4DC366	10MM PLATE-E250A	50.00 X 130.00	78.500	4	0.510	2.040	
317	77B4DC367	10MM PLATE-E250A	50.00 X 130.00	78.500	4	0.510	2.040	
318	77B4DC368H	L75X75X6H-E350A	2990.00	6.800	2	20.332	40.664	
319	77B4DC369H	L75X75X6H-E350A	5668.00	6.800	2	38.542	77.084	
320	77B4DC370H	L75X75X6H-E350A	5667.00	6.800	2	38.536	77.072	
321	77B4DC371H	L75X75X6H-E350A	2991.00	6.800	2	20.339	40.678	
322	77B4DC372H	L75X75X6H-E350A	2655.00	6.800	2	18.054	36.108	
323	77B4DC373H	L75X75X6H-E350A	2655.00	6.800	2	18.054	36.108	
324	77B4DC374L	L45X45X4-E250A	992.00	2.700	2	2.678	5.356	
325	77B4DC374R	L45X45X4-E250A	992.00	2.700	2	2.678	5.356	
326	77B4DC375	6MM PLATE-E250A	130.00 X 181.00	47.100	4	1.108	4.432	
327	77B4DC375A	6MM PLATE-E250A	50.00 X 181.00	47.100	4	0.426	1.704	
328	77B4DC376L	L45X45X4-E250A	1852.00	2.700	2	5.000	10.000	
329	77B4DC376R	L45X45X4-E250A	1852.00	2.700	2	5.000	10.000	
330	77B4DC377L	L45X45X4-E250A	1967.00	2.700	2	5.311	10.622	
331	77B4DC377R	L45X45X4-E250A	1967.00	2.700	2	5.311	10.622	
332	77B4DC378H	12MM PLATE H-E350A	322.00 X 334.00	94.200	2	10.131	20.262	
333	77B4DC379L	L45X30X4-E250A	1120.00	2.200	2	2.464	4.928	
334	77B4DC379R	L45X30X4-E250A	1120.00	2.200	2	2.464	4.928	
335	77B4DC380H	12MM PLATE H-E350A	338.00 X 526.00	94.200	4	16.748	66.992	
336	77B4DC381	6MM PLATE-E250A	50.00 X 90.00	47.100	4	0.212	0.848	
337	77B4DC382	6MM PLATE-E250A	85.00 X 260.00	47.100	4	1.041	4.164	
338	77B4DC383H	L110X110X10H-E350A	3834.00	16.600	2	63.644	127.288	
339	77B4DC384	6MM PLATE-E250A	50.00 X 90.00	47.100	2	0.212	0.424	

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)

Chennai State Power Transmission Company Limited
Vidut Bhawan Patna-800021

8k
27.09.19



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

Date: 07-Sep-2019

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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

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	77B4DC385H	L70X70X5H-E350A	4154.00	5.300	2	22.016	44.032	
341	77B4DC385XH	L70X70X5H-E350A	4154.00	5.300	2	22.016	44.032	
342	77B4DC386	L45X30X4-E250A	1124.00	2.200	2	2.473	4.946	
343	77B4DC387	L45X30X4-E250A	1030.00	2.200	2	2.266	4.532	
344	77B4DC388	L45X30X4-E250A	1046.00	2.200	4	2.301	9.204	
345	77B4DC389	L45X30X4-E250A	979.00	2.200	4	2.154	8.616	
346	77B4DC390	L45X30X4-E250A	1106.00	2.200	4	2.433	9.732	
347	77B4DC391	6MM PLATE-E250A	50.00 X 90.00	47.100	2	0.212	0.424	
348	77B4DC392H	L75X75X6H-E350A	3593.00	6.800	2	24.432	48.864	
349	77B4DC393	6MM PLATE-E250A	50.00 X 130.00	47.100	4	0.306	1.224	
350	77B4DC394H	L75X75X5H-E350A	258.00	5.700	2	1.471	2.942	
351	77B4DC395	L50X50X4-E250A	2221.00	3.000	2	6.663	13.326	
352	77B4DC396H	L70X70X5H-E350A	3290.00	5.300	2	17.437	34.874	
353	77B4DC397H	L70X70X5H-E350A	6321.00	5.300	2	33.501	67.002	
354	77B4DC398H	L70X70X5H-E350A	6320.00	5.300	2	33.496	66.992	
355	77B4DC399H	L70X70X5H-E350A	3291.00	5.300	2	17.442	34.884	
356	77B4DC400H	L70X70X5H-E350A	2875.00	5.300	2	15.238	30.476	
357	77B4DC401H	L70X70X5H-E350A	2876.00	5.300	2	15.243	30.486	
358	77B4DC402L	L45X45X4-E250A	1065.00	2.700	2	2.876	5.752	
359	77B4DC402R	L45X45X4-E250A	1065.00	2.700	2	2.876	5.752	
360	77B4DC403	6MM PLATE-E250A	125.00 X 128.00	47.100	4	0.754	3.016	
361	77B4DC403A	6MM PLATE-E250A	50.00 X 128.00	47.100	4	0.301	1.204	
362	77B4DC404L	L45X45X4-E250A	1481.00	2.700	2	3.999	7.998	
363	77B4DC404R	L45X45X4-E250A	1481.00	2.700	2	3.999	7.998	
364	77B4DC405H	6MM PLATE H-E350A	145.00 X 171.00	47.100	4	1.168	4.672	
365	77B4DC406LH	L70X70X5H-E350A	2178.00	5.300	2	11.543	23.086	
366	77B4DC406RH	L70X70X5H-E350A	2178.00	5.300	2	11.543	23.086	
367	77B4DC407H	12MM PLATE H-E350A	316.00 X 451.00	94.200	2	13.425	26.850	
368	77B4DC408L	L45X30X4-E250A	1047.00	2.200	2	2.303	4.606	
369	77B4DC408R	L45X30X4-E250A	1047.00	2.200	2	2.303	4.606	
370	77B4DC409L	L45X45X4-E250A	1579.00	2.700	2	4.263	8.526	
371	77B4DC409R	L45X45X4-E250A	1579.00	2.700	2	4.263	8.526	
372	77B4DC410L	L45X45X4-E250A	1181.00	2.700	2	3.189	6.378	
373	77B4DC410R	L45X45X4-E250A	1181.00	2.700	2	3.189	6.378	

APPROVED

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Electrical Superintending Engineer
(Planning and Engineering)

Tamil Nadu State Power Transmission Company Limited
Miyut Bhawan, Patna-300021

Sk
27-09-19



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
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Date: 07-Sep-2019

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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

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	77B4DC411H	12MM PLATE H-E350A	216.00 X 433.00	94.200	4	8.810	35.240	
375	77B4DC412	10MM PLATE-E250A	50.00 X 130.00	78.500	4	0.510	2.040	
376	77B4DC412A	6MM PLATE-E250A	50.00 X 130.00	47.100	4	0.306	1.224	
377	77B4DC413	10MM PLATE-E250A	50.00 X 90.00	78.500	4	0.353	1.412	
378	77B4DC414H	L70X70X6H-E350A	2964.00	6.300	2	18.673	37.346	
379	77B4DC415H	L70X70X6H-E350A	5621.00	6.300	2	35.412	70.824	
380	77B4DC416H	L70X70X6H-E350A	5620.00	6.300	2	35.406	70.812	
381	77B4DC417H	L70X70X6H-E350A	2965.00	6.300	2	18.680	37.360	
382	77B4DC418H	L70X70X6H-E350A	2637.00	6.300	2	16.613	33.226	
383	77B4DC419H	L70X70X6H-E350A	2637.00	6.300	2	16.613	33.226	
384	77B4DC420L	L45X45X4-E250A	992.00	2.700	2	2.678	5.356	
385	77B4DC420R	L45X45X4-E250A	992.00	2.700	2	2.678	5.356	
386	77B4DC421	6MM PLATE-E250A	125.00 X 176.00	47.100	4	1.036	4.144	
387	77B4DC421A	6MM PLATE-E250A	50.00 X 176.00	47.100	4	0.414	1.656	
388	77B4DC422	L45X45X4-E250A	1807.00	2.700	4	4.879	19.516	
389	77B4DC423L	L45X45X4-E250A	1916.00	2.700	2	5.173	10.346	
390	77B4DC423R	L45X45X4-E250A	1916.00	2.700	2	5.173	10.346	
391	77B4DC424H	12MM PLATE H-E350A	261.00 X 272.00	94.200	2	6.687	13.374	
392	77B4DC425L	L45X30X4-E250A	1148.00	2.200	2	2.526	5.052	
393	77B4DC425R	L45X30X4-E250A	1148.00	2.200	2	2.526	5.052	
394	77B4DC426	6MM PLATE-E250A	50.00 X 90.00	47.100	4	0.212	0.848	
395	77B4DC427H	12MM PLATE H-E350A	160.00 X 424.00	94.200	4	6.391	25.564	
396	77B4DC428H	L60X60X4H-E350A	4062.00	3.700	1	15.029	15.029	
397	77B4DC429H	L60X60X4H-E350A	4077.00	3.700	1	15.085	15.085	
398	77B4DC430H	L60X60X4H-E350A	267.00	3.700	2	0.988	1.976	
399	77B4DC431	L45X30X4-E250A	1081.00	2.200	2	2.378	4.756	
400	77B4DC432	L45X30X4-E250A	1090.00	2.200	2	2.398	4.796	
401	77B4DC433H	L65X65X5H-E350A	4219.00	4.900	2	20.673	41.346	
402	77B4DC433XH	L65X65X5H-E350A	4219.00	4.900	2	20.673	41.346	
403	77B4DC434	L45X30X4-E250A	1060.00	2.200	4	2.332	9.328	
404	77B4DC435	L45X30X4-E250A	1043.00	2.200	4	2.295	9.180	
405	77B4DC436	L45X30X4-E250A	1126.00	2.200	4	2.477	9.908	
406	77B4DC437	L80X80X6-E250A	3593.00	7.300	2	26.229	52.458	
407	77B4DC438H	L45X45X4H-E350A	1557.00	2.700	4	4.204	16.816	

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Electrical Superintending Engineer
(Planning and Engineering)

Tamil Nadu State Power Transmission Company Limited

Aditya Bhawan, Chennai-600002

8k
27.09.19



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
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Date: 07-Sep-2019

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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

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	77B4DC438AL	L45X45X4-E250A	2403.00	2.700	2	6.488	12.976	
409	77B4DC438AR	L45X45X4-E250A	2403.00	2.700	2	6.488	12.976	
410	77B4DC438BL	L45X45X4-E250A	2416.00	2.700	2	6.523	13.046	
411	77B4DC438BR	L45X45X4-E250A	2416.00	2.700	2	6.523	13.046	
412	77B4DC439	6MM PLATE-E250A	110.00 X 144.00	47.100	8	0.746	5.968	
413	77B4DC440H	6MM PLATE H-E350A	110.00 X 229.00	47.100	4	1.186	4.744	
414	77B4DC440A	6MM PLATE-E250A	110.00 X 229.00	47.100	4	1.186	4.744	
415	77B4DC441H	6MM PLATE H-E350A	110.00 X 229.00	47.100	4	1.186	4.744	
416	77B4DC441A	6MM PLATE-E250A	110.00 X 229.00	47.100	4	1.186	4.744	
417	77B4DC442H	L45X45X4H-E350A	1587.00	2.700	4	4.285	17.140	
418	77B4DC443	6MM PLATE-E250A	110.00 X 144.00	47.100	16	0.746	11.936	
419	77B4DC444H	6MM PLATE H-E350A	110.00 X 229.00	47.100	4	1.186	4.744	
420	77B4DC445H	6MM PLATE H-E350A	110.00 X 229.00	47.100	4	1.186	4.744	
421	77B4DC446H	L45X45X4H-E350A	1480.00	2.700	4	3.996	15.984	
422	77B4DC446AL	L45X45X4-E250A	2170.00	2.700	2	5.859	11.718	
423	77B4DC446AR	L45X45X4-E250A	2170.00	2.700	2	5.859	11.718	
424	77B4DC446BL	L45X45X4-E250A	2175.00	2.700	2	5.873	11.746	
425	77B4DC446BR	L45X45X4-E250A	2175.00	2.700	2	5.873	11.746	
426	77B4DC447	6MM PLATE-E250A	110.00 X 144.00	47.100	8	0.746	5.968	
427	77B4DC448H	6MM PLATE H-E350A	110.00 X 234.00	47.100	4	1.212	4.848	
428	77B4DC448A	6MM PLATE-E250A	110.00 X 234.00	47.100	4	1.212	4.848	
429	77B4DC449H	6MM PLATE H-E350A	110.00 X 229.00	47.100	4	1.186	4.744	
430	77B4DC449A	6MM PLATE-E250A	110.00 X 229.00	47.100	4	1.186	4.744	
431	77B4DC450	L45X45X4-E250A	1368.00	2.700	4	3.694	14.776	
432	77B4DC451	6MM PLATE-E250A	110.00 X 144.00	47.100	16	0.746	11.936	
433	77B4DC452	6MM PLATE-E250A	110.00 X 234.00	47.100	4	1.212	4.848	
434	77B4DC453	6MM PLATE-E250A	110.00 X 229.00	47.100	4	1.186	4.744	
435	77B4DC480LH	L120X120X8H-E350A	6416.00	14.700	1	94.315	94.315	
436	77B4DC480RH	L120X120X8H-E350A	6416.00	14.700	1	94.315	94.315	
437	77B4DC481LH	L90X90X6H-E350A	6895.00	8.200	1	56.539	56.539	
438	77B4DC481RH	L90X90X6H-E350A	6895.00	8.200	1	56.539	56.539	
439	77B4DC482LH	8MM PLATE H-E350A	307.00 X 533.00	62.800	1	10.276	10.276	
440	77B4DC482RH	8MM PLATE H-E350A	307.00 X 533.00	62.800	1	10.276	10.276	
441	77B4DC483L	L50X50X4-E250A	2501.00	3.000	1	7.503	7.503	

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Electrical Superintending Engineer
(Planning and Engineering)

Tamil Nadu State Power Transmission Company Limited

Widut Bhawan Patna-800021

SK
27.09.19



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/PQCBS

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	77B4DC483R	L50X50X4-E250A	2501.00	3.000	1	7.503	7.503	
443	77B4DC484L	L45X45X4-E250A	1508.00	2.700	1	4.072	4.072	
444	77B4DC484R	L45X45X4-E250A	1508.00	2.700	1	4.072	4.072	
445	77B4DC485L	L45X45X4-E250A	2258.00	2.700	1	6.097	6.097	
446	77B4DC485R	L45X45X4-E250A	2258.00	2.700	1	6.097	6.097	
447	77B4DC486L	L45X30X4-E250A	813.00	2.200	1	1.789	1.789	
448	77B4DC486R	L45X30X4-E250A	813.00	2.200	1	1.789	1.789	
449	77B4DC487L	L45X30X4-E250A	282.00	2.200	1	0.620	0.620	
450	77B4DC487R	L45X30X4-E250A	282.00	2.200	1	0.620	0.620	
451	77B4DC488LH	L130X130X10H-E350A	3300.00	19.700	1	65.010	65.010	
452	77B4DC488RH	L130X130X10H-E350A	3300.00	19.700	1	65.010	65.010	
453	77B4DC489LH	L130X130X10H-E350A	4455.00	19.700	1	87.764	87.764	
454	77B4DC489RH	L130X130X10H-E350A	4455.00	19.700	1	87.764	87.764	
455	77B4DC490LH	L100X100X8H-E350A	380.00	12.100	1	4.598	4.598	
456	77B4DC490RH	L100X100X8H-E350A	380.00	12.100	1	4.598	4.598	
457	77B4DC491H	8MM PLATE H-E350A	100.00 X 380.00	62.800	4	2.386	9.544	
458	77B4DC492LH	L90X90X7H-E350A	4529.00	9.600	1	43.478	43.478	
459	77B4DC492RH	L90X90X7H-E350A	4529.00	9.600	1	43.478	43.478	
460	77B4DC493LH	L90X90X7H-E350A	3673.00	9.600	1	35.261	35.261	
461	77B4DC493RH	L90X90X7H-E350A	3673.00	9.600	1	35.261	35.261	
462	77B4DC494LH	L70X70X5H-E350A	356.00	5.300	1	1.887	1.887	
463	77B4DC494RH	L70X70X5H-E350A	356.00	5.300	1	1.887	1.887	
464	77B4DC495H	6MM PLATE H-E350A	70.00 X 356.00	47.100	4	1.174	4.696	
465	77B4DC496LH	8MM PLATE H-E350A	307.00 X 517.00	62.800	1	9.968	9.968	
466	77B4DC496RH	8MM PLATE H-E350A	307.00 X 517.00	62.800	1	9.968	9.968	
467	77B4DC497L	L50X50X4-E250A	2460.00	3.000	1	7.380	7.380	
468	77B4DC497R	L50X50X4-E250A	2460.00	3.000	1	7.380	7.380	
469	77B4DC498L	L45X45X4-E250A	1695.00	2.700	1	4.577	4.577	
470	77B4DC498R	L45X45X4-E250A	1695.00	2.700	1	4.577	4.577	
471	77B4DC499L	L45X45X4-E250A	2262.00	2.700	1	6.107	6.107	
472	77B4DC499R	L45X45X4-E250A	2262.00	2.700	1	6.107	6.107	
473	77B4DC500L	L45X30X4-E250A	1164.00	2.200	1	2.561	2.561	
474	77B4DC500R	L45X30X4-E250A	1164.00	2.200	1	2.561	2.561	
475	77B4DC501L	L45X45X4-E250A	2022.00	2.700	1	5.459	5.459	

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)
Tamil State Power Transmission Company Limited
Viduyt Bhawan, Patna-800021

27.09.19



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

Date: 07-Sep-2019

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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

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	77B4DC501R	L45X45X4-E250A	2022.00	2.700	1	5.459	5.459	
477	77B4DC502L	L45X30X4-E250A	635.00	2.200	1	1.397	1.397	
478	77B4DC502R	L45X30X4-E250A	635.00	2.200	1	1.397	1.397	
479	77B4DC503L	L45X30X4-E250A	235.00	2.200	1	0.517	0.517	
480	77B4DC503R	L45X30X4-E250A	235.00	2.200	1	0.517	0.517	
481	77B4DC504	L90X90X6-E250A	4400.00	8.200	1	36.080	36.080	
482	77B4DC504X	L90X90X6-E250A	4400.00	8.200	1	36.080	36.080	
483	77B4DC505	L90X90X6-E250A	3737.00	8.200	1	30.643	30.643	
484	77B4DC505X	L90X90X6-E250A	3737.00	8.200	1	30.643	30.643	
485	77B4DC506	L60X60X5-E250A	286.00	4.500	2	1.287	2.574	
486	77B4DC507	6MM PLATE-E250A	60.00 X 286.00	47.100	4	0.808	3.232	
487	77B4DC508	L80X80X6-E250A	4103.00	7.300	2	29.952	59.904	
488	77B4DC508X	L80X80X6-E250A	4103.00	7.300	2	29.952	59.904	
489	77B4DC509H	L45X45X4H-E350A	1554.00	2.700	1	4.196	4.196	
490	77B4DC509AH	L45X45X4H-E350A	1554.00	2.700	2	4.196	8.392	
491	77B4DC509BH	L45X45X4H-E350A	1554.00	2.700	1	4.196	4.196	
492	77B4DC510H	L45X45X4H-E350A	1397.00	2.700	2	3.772	7.544	
493	77B4DC510AH	L45X45X4H-E350A	1397.00	2.700	1	3.772	3.772	
494	77B4DC510BH	L45X45X4H-E350A	1397.00	2.700	1	3.772	3.772	
495	77B4DC511H	6MM PLATE H-E350A	164.00 X 307.00	47.100	2	2.371	4.742	
496	77B4DC512H	6MM PLATE H-E350A	170.00 X 271.00	47.100	2	2.170	4.340	
497	77B4DC513LH	L120X120X8H-E350A	200.00	14.700	1	2.940	2.940	
498	77B4DC513RH	L120X120X8H-E350A	200.00	14.700	1	2.940	2.940	
499	77B4DC514H	L60X60X4H-E350A	2823.00	3.700	1	10.445	10.445	
500	77B4DC514AH	L60X60X4H-E350A	2823.00	3.700	1	10.445	10.445	
501	77B4DC515H	L50X50X4H-E350A	3614.00	3.000	1	10.842	10.842	
502	77B4DC515XH	L50X50X4H-E350A	3614.00	3.000	1	10.842	10.842	
503	77B4DC516H	L50X50X4H-E350A	2150.00	3.000	1	6.450	6.450	
504	77B4DC517H	L90X90X6H-E350A	637.00	8.200	1	5.223	5.223	
505	77B4DC518	32MM PLATE-E250A	403.00 X 542.00	251.200	1	54.869	54.869	
506	77B4DC519H	L150X150X15H-E350A	242.00	33.800	2	8.180	16.360	
507	77B4DC520H	6MM PLATE H-E350A	170.00 X 322.00	47.100	2	2.578	5.156	
508	77B4DC521LH	L130X130X10H-E350A	290.00	19.700	1	5.713	5.713	
509	77B4DC521RH	L130X130X10H-E350A	290.00	19.700	1	5.713	5.713	

APPROVED

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*** -- Item Assembled with another item

Electrical Superintending Engineer
(Planning and Engineering)

Tamil Nadu State Power Transmission Company Limited

Vidhyut Bhawan, Chennai - 600021

8K
27.09.19



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

Date: 07-Sep-2019

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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

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	77B4DC522H	L60X60X4H-E350A	2966.00	3.700	1	10.974	10.974	
511	77B4DC522AH	L60X60X4H-E350A	2966.00	3.700	1	10.974	10.974	
512	77B4DC523H	L55X55X4H-E350A	4245.00	3.300	1	14.009	14.009	
513	77B4DC523XH	L55X55X4H-E350A	4245.00	3.300	1	14.009	14.009	
514	77B4DC524H	L45X45X4H-E350A	2958.00	2.700	1	7.987	7.987	
515	77B4DC524XH	L45X45X4H-E350A	2958.00	2.700	1	7.987	7.987	
516	77B4DC525H	L45X45X4H-E350A	1662.00	2.700	1	4.487	4.487	
517	77B4DC526H	L90X90X6H-E350A	541.00	8.200	1	4.436	4.436	
518	77B4DC527	32MM PLATE-E250A	408.00 X 562.00	251.200	1	57.599	57.599	
519	77B4DC528H	L150X150X15H-E350A	262.00	33.800	2	8.856	17.712	
520	77B4DC529LH	6MM PLATE H-E350A	110.00 X 178.00	47.100	1	0.922	0.922	
521	77B4DC529RH	6MM PLATE H-E350A	110.00 X 178.00	47.100	1	0.922	0.922	
522	77B4DC530LH	L60X60X4H-E350A	3223.00	3.700	1	11.925	11.925	
523	77B4DC530RH	L60X60X4H-E350A	3223.00	3.700	1	11.925	11.925	
524	77B4DC531H	L60X60X4H-E350A	2956.00	3.700	1	10.937	10.937	
525	77B4DC532H	L45X45X4H-E350A	1553.00	2.700	1	4.193	4.193	
526	77B4DC533	L45X45X4-E250A	275.00	2.700	1	0.743	0.743	
527	77B4DC534LH	6MM PLATE H-E350A	110.00 X 174.00	47.100	1	0.901	0.901	
528	77B4DC534RH	6MM PLATE H-E350A	110.00 X 174.00	47.100	1	0.901	0.901	
529	77B4DC535H	L55X55X4H-E350A	2918.00	3.300	1	9.629	9.629	
530	77B4DC535AH	L55X55X4H-E350A	2918.00	3.300	1	9.629	9.629	
531	77B4DC536H	L55X55X4H-E350A	3879.00	3.300	1	12.801	12.801	
532	77B4DC536XH	L55X55X4H-E350A	3879.00	3.300	1	12.801	12.801	
533	77B4DC537H	L50X50X4H-E350A	2024.00	3.000	1	6.072	6.072	
534	77B4DC538	L45X45X4-E250A	1093.00	2.700	1	2.951	2.951	
535	77B4DC539	L45X45X4-E250A	261.00	2.700	1	0.705	0.705	
536	77B4DC580LH	L120X120X8H-E350A	5992.00	14.700	1	88.082	88.082	
537	77B4DC580RH	L120X120X8H-E350A	5992.00	14.700	1	88.082	88.082	
538	77B4DC581LH	L80X80X6H-E350A	5973.00	7.300	1	43.603	43.603	
539	77B4DC581RH	L80X80X6H-E350A	5973.00	7.300	1	43.603	43.603	
540	77B4DC582LH	8MM PLATE H-E350A	306.00 X 441.00	62.800	1	8.475	8.475	
541	77B4DC582RH	8MM PLATE H-E350A	306.00 X 441.00	62.800	1	8.475	8.475	
542	77B4DC583L	L45X45X4-E250A	2364.00	2.700	1	6.383	6.383	
543	77B4DC583R	L45X45X4-E250A	2364.00	2.700	1	6.383	6.383	

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 Company Limited
Vidyut Bhawan Patna-800021

84
27.09.19



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

Date: 07-Sep-2019

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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

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	77B4DC584L	L45X45X4-E250A	1537.00	2.700	1	4.150	4.150	
545	77B4DC584R	L45X45X4-E250A	1537.00	2.700	1	4.150	4.150	
546	77B4DC585L	L45X45X4-E250A	2008.00	2.700	1	5.422	5.422	
547	77B4DC585R	L45X45X4-E250A	2008.00	2.700	1	5.422	5.422	
548	77B4DC586L	L45X30X4-E250A	832.00	2.200	1	1.830	1.830	
549	77B4DC586R	L45X30X4-E250A	832.00	2.200	1	1.830	1.830	
550	77B4DC587L	L45X30X4-E250A	318.00	2.200	1	0.700	0.700	
551	77B4DC587R	L45X30X4-E250A	318.00	2.200	1	0.700	0.700	
552	77B4DC588LH	L130X130X10H-E350A	3285.00	19.700	1	64.715	64.715	
553	77B4DC588RH	L130X130X10H-E350A	3285.00	19.700	1	64.715	64.715	
554	77B4DC589LH	L130X130X10H-E350A	4046.00	19.700	1	79.706	79.706	
555	77B4DC589RH	L130X130X10H-E350A	4046.00	19.700	1	79.706	79.706	
556	77B4DC590LH	L100X100X8H-E350A	380.00	12.100	1	4.598	4.598	
557	77B4DC590RH	L100X100X8H-E350A	380.00	12.100	1	4.598	4.598	
558	77B4DC591H	8MM PLATE H-E350A	100.00 X 380.00	62.800	4	2.386	9.544	
559	77B4DC592LH	L90X90X6H-E350A	3922.00	8.200	1	32.160	32.160	
560	77B4DC592RH	L90X90X6H-E350A	3922.00	8.200	1	32.160	32.160	
561	77B4DC593LH	L90X90X6H-E350A	3372.00	8.200	1	27.650	27.650	
562	77B4DC593RH	L90X90X6H-E350A	3372.00	8.200	1	27.650	27.650	
563	77B4DC594LH	L60X60X5H-E350A	356.00	4.500	1	1.602	1.602	
564	77B4DC594RH	L60X60X5H-E350A	356.00	4.500	1	1.602	1.602	
565	77B4DC595H	6MM PLATE H-E350A	50.00 X 356.00	47.100	4	0.838	3.352	
566	77B4DC596LH	8MM PLATE H-E350A	306.00 X 464.00	62.800	1	8.917	8.917	
567	77B4DC596RH	8MM PLATE H-E350A	306.00 X 464.00	62.800	1	8.917	8.917	
568	77B4DC597L	L45X45X4-E250A	2405.00	2.700	1	6.494	6.494	
569	77B4DC597R	L45X45X4-E250A	2405.00	2.700	1	6.494	6.494	
570	77B4DC598L	L45X45X4-E250A	1720.00	2.700	1	4.644	4.644	
571	77B4DC598R	L45X45X4-E250A	1720.00	2.700	1	4.644	4.644	
572	77B4DC599L	L45X45X4-E250A	2089.00	2.700	1	5.640	5.640	
573	77B4DC599R	L45X45X4-E250A	2089.00	2.700	1	5.640	5.640	
574	77B4DC600L	L45X30X4-E250A	1184.00	2.200	1	2.605	2.605	
575	77B4DC600R	L45X30X4-E250A	1184.00	2.200	1	2.605	2.605	
576	77B4DC601L	L45X45X4-E250A	1829.00	2.700	1	4.938	4.938	
577	77B4DC601R	L45X45X4-E250A	1829.00	2.700	1	4.938	4.938	

APPROVED

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Electrical Superintending Engineer
(Planning and Engineering)

Tamil Nadu State Power Transmission Company Limited

Kidvut Bhawan, Patna-800021

8k
27.09.19



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

Date: 07-Sep-2019

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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

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	77B4DC602L	L45X30X4-E250A	648.00	2.200	1	1.426	1.426	
579	77B4DC602R	L45X30X4-E250A	648.00	2.200	1	1.426	1.426	
580	77B4DC603L	L45X30X4-E250A	257.00	2.200	1	0.565	0.565	
581	77B4DC603R	L45X30X4-E250A	257.00	2.200	1	0.565	0.565	
582	77B4DC604	L75X75X5-E250A	6745.00	5.700	1	38.447	38.447	
583	77B4DC604X	L75X75X5-E250A	6745.00	5.700	1	38.447	38.447	
584	77B4DC605	L70X70X5-E250A	3398.00	5.300	2	18.009	36.018	
585	77B4DC605X	L70X70X5-E250A	3398.00	5.300	2	18.009	36.018	
586	77B4DC606	L45X45X4-E250A	1155.00	2.700	1	3.119	3.119	
587	77B4DC606A	L45X45X4-E250A	1155.00	2.700	1	3.119	3.119	
588	77B4DC606B	L45X45X4-E250A	1155.00	2.700	1	3.119	3.119	
589	77B4DC606C	L45X45X4-E250A	1155.00	2.700	1	3.119	3.119	
590	77B4DC607	L45X45X4-E250A	1292.00	2.700	1	3.488	3.488	
591	77B4DC607A	L45X45X4-E250A	1292.00	2.700	1	3.488	3.488	
592	77B4DC607B	L45X45X4-E250A	1292.00	2.700	1	3.488	3.488	
593	77B4DC607C	L45X45X4-E250A	1292.00	2.700	1	3.488	3.488	
594	77B4DC608	6MM PLATE-E250A	159.00 X 258.00	47.100	2	1.932	3.864	
595	77B4DC609H	8MM PLATE H-E350A	185.00 X 246.00	62.800	2	2.858	5.716	
596	77B4DC610H	L50X50X4H-E350A	2333.00	3.000	1	6.999	6.999	
597	77B4DC610AH	L50X50X4H-E350A	2333.00	3.000	1	6.999	6.999	
598	77B4DC611H	L50X50X4H-E350A	3076.00	3.000	1	9.228	9.228	
599	77B4DC611XH	L50X50X4H-E350A	3076.00	3.000	1	9.228	9.228	
600	77B4DC612H	L45X45X4H-E350A	1815.00	2.700	1	4.901	4.901	
601	77B4DC613H	L90X90X6H-E350A	614.00	8.200	1	5.035	5.035	
602	77B4DC614	32MM PLATE-E250A	404.00 X 542.00	251.200	1	55.005	55.005	
603	77B4DC615H	L150X150X15H-E350A	242.00	33.800	2	8.180	16.360	
604	77B4DC616H	8MM PLATE H-E350A	189.00 X 255.00	62.800	2	3.027	6.054	
605	77B4DC617H	L55X55X4H-E350A	2476.00	3.300	1	8.171	8.171	
606	77B4DC617AH	L55X55X4H-E350A	2476.00	3.300	1	8.171	8.171	
607	77B4DC618H	L50X50X4H-E350A	3609.00	3.000	1	10.827	10.827	
608	77B4DC618XH	L50X50X4H-E350A	3609.00	3.000	1	10.827	10.827	
609	77B4DC619H	L45X45X4H-E350A	2560.00	2.700	1	6.912	6.912	
610	77B4DC619XH	L45X45X4H-E350A	2560.00	2.700	1	6.912	6.912	
611	77B4DC620	L45X45X4-E250A	1411.00	2.700	1	3.810	3.810	

APPROVED

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Electrical Superintending Engineer
(Planning and Engineering)

8K
27-09-19

Nihar State Power Transmission Company Limited
Vidyal Bhawan Patna-800021



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Date: 07-Sep-2019

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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

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	77B4DC621H	L90X90X6H-E350A	511.00	8.200	1	4.190	4.190	
613	77B4DC622	32MM PLATE-E250A	409.00 X 562.00	251.200	1	57.740	57.740	
614	77B4DC623H	L150X150X15H-E350A	262.00	33.800	2	8.856	17.712	
615	77B4DC624H	6MM PLATE H-E350A	110.00 X 135.00	47.100	2	0.699	1.398	
616	77B4DC625H	L50X50X4H-E350A	2821.00	3.000	1	8.463	8.463	
617	77B4DC625AH	L50X50X4H-E350A	2821.00	3.000	1	8.463	8.463	
618	77B4DC625BH	6MM PLATE H-E350A	115.00 X 189.00	47.100	2	1.024	2.048	
619	77B4DC626H	L50X50X4H-E350A	2452.00	3.000	1	7.356	7.356	
620	77B4DC627	L45X45X4-E250A	1297.00	2.700	1	3.502	3.502	
621	77B4DC628	L45X45X4-E250A	261.00	2.700	1	0.705	0.705	
622	77B4DC629LH	6MM PLATE H-E350A	110.00 X 170.00	47.100	1	0.881	0.881	
623	77B4DC629RH	6MM PLATE H-E350A	110.00 X 170.00	47.100	1	0.881	0.881	
624	77B4DC630H	L50X50X4H-E350A	2579.00	3.000	1	7.737	7.737	
625	77B4DC630AH	L50X50X4H-E350A	2579.00	3.000	1	7.737	7.737	
626	77B4DC631H	L50X50X4H-E350A	3339.00	3.000	1	10.017	10.017	
627	77B4DC631XH	L50X50X4H-E350A	3339.00	3.000	1	10.017	10.017	
628	77B4DC632H	L45X45X4H-E350A	1686.00	2.700	1	4.552	4.552	
629	77B4DC633	L45X45X4-E250A	966.00	2.700	1	2.608	2.608	
630	77B4DC634	L45X45X4-E250A	245.00	2.700	1	0.662	0.662	
631	77B4DC650LH	L120X120X8H-E350A	5767.00	14.700	1	84.775	84.775	
632	77B4DC650RH	L120X120X8H-E350A	5767.00	14.700	1	84.775	84.775	
633	77B4DC651LH	L90X90X6H-E350A	5698.00	8.200	1	46.724	46.724	
634	77B4DC651RH	L90X90X6H-E350A	5698.00	8.200	1	46.724	46.724	
635	77B4DC653L	L45X45X4-E250A	2195.00	2.700	1	5.927	5.927	
636	77B4DC653R	L45X45X4-E250A	2195.00	2.700	1	5.927	5.927	
637	77B4DC654L	L45X30X4-E250A	1393.00	2.200	1	3.065	3.065	
638	77B4DC654R	L45X30X4-E250A	1393.00	2.200	1	3.065	3.065	
639	77B4DC655L	L45X45X4-E250A	1894.00	2.700	1	5.114	5.114	
640	77B4DC655R	L45X45X4-E250A	1894.00	2.700	1	5.114	5.114	
641	77B4DC656L	L45X30X4-E250A	758.00	2.200	1	1.668	1.668	
642	77B4DC656R	L45X30X4-E250A	758.00	2.200	1	1.668	1.668	
643	77B4DC657L	L45X30X4-E250A	295.00	2.200	1	0.649	0.649	
644	77B4DC657R	L45X30X4-E250A	295.00	2.200	1	0.649	0.649	
645	77B4DC658LH	L130X130X12H-E350A	3253.00	23.500	1	76.446	76.446	

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)
Tamil Nadu State Power Transmission Company Limited
Viduth Bhawan, Patna-800021

27-09-19



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

Date: 07-Sep-2019

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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

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	77B4DC658RH	L130X130X12H-E350A	3253.00	23.500	1	76.446	76.446	
647	77B4DC659LH	L130X130X12H-E350A	3960.00	23.500	1	93.060	93.060	
648	77B4DC659RH	L130X130X12H-E350A	3960.00	23.500	1	93.060	93.060	
649	77B4DC660LH	L120X120X8H-E350A	380.00	14.700	1	5.586	5.586	
650	77B4DC660RH	L120X120X8H-E350A	380.00	14.700	1	5.586	5.586	
651	77B4DC661H	8MM PLATE H-E350A	110.00 X 380.00	62.800	4	2.625	10.500	
652	77B4DC662LH	L90X90X7H-E350A	3820.00	9.600	1	36.672	36.672	
653	77B4DC662RH	L90X90X7H-E350A	3820.00	9.600	1	36.672	36.672	
654	77B4DC663LH	L90X90X7H-E350A	3276.00	9.600	1	31.450	31.450	
655	77B4DC663RH	L90X90X7H-E350A	3276.00	9.600	1	31.450	31.450	
656	77B4DC664LH	L70X70X5H-E350A	356.00	5.300	1	1.887	1.887	
657	77B4DC664RH	L70X70X5H-E350A	356.00	5.300	1	1.887	1.887	
658	77B4DC665H	6MM PLATE H-E350A	50.00 X 356.00	47.100	4	0.838	3.352	
659	77B4DC667L	L45X45X4-E250A	2258.00	2.700	1	6.097	6.097	
660	77B4DC667R	L45X45X4-E250A	2258.00	2.700	1	6.097	6.097	
661	77B4DC668L	L45X45X4-E250A	1559.00	2.700	1	4.209	4.209	
662	77B4DC668R	L45X45X4-E250A	1559.00	2.700	1	4.209	4.209	
663	77B4DC669L	L45X45X4-E250A	1993.00	2.700	1	5.381	5.381	
664	77B4DC669R	L45X45X4-E250A	1993.00	2.700	1	5.381	5.381	
665	77B4DC670L	L45X30X4-E250A	1073.00	2.200	1	2.361	2.361	
666	77B4DC670R	L45X30X4-E250A	1073.00	2.200	1	2.361	2.361	
667	77B4DC671L	L45X45X4-E250A	1774.00	2.700	1	4.790	4.790	
668	77B4DC671R	L45X45X4-E250A	1774.00	2.700	1	4.790	4.790	
669	77B4DC672L	L45X30X4-E250A	589.00	2.200	1	1.296	1.296	
670	77B4DC672R	L45X30X4-E250A	589.00	2.200	1	1.296	1.296	
671	77B4DC673L	L45X30X4-E250A	237.00	2.200	1	0.521	0.521	
672	77B4DC673R	L45X30X4-E250A	237.00	2.200	1	0.521	0.521	
673	77B4DC674	L70X70X5-E250A	5366.00	5.300	1	28.440	28.440	
674	77B4DC674X	L70X70X5-E250A	5366.00	5.300	1	28.440	28.440	
675	77B4DC675H	L55X55X4H-E350A	2705.00	3.300	2	8.927	17.854	
676	77B4DC675XH	L55X55X4H-E350A	2705.00	3.300	2	8.927	17.854	
677	77B4DC676	L45X45X4-E250A	915.00	2.700	1	2.471	2.471	
678	77B4DC676A	L45X45X4-E250A	915.00	2.700	1	2.471	2.471	
679	77B4DC676B	L45X45X4-E250A	915.00	2.700	1	2.471	2.471	

APPROVED

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*** -- Item Assembled with another item

Electrical Superintending Engineer
(Planning and Engineering)

Chattar State Power Transmission Company Limited

Vidyut Bhawan Patna-800021

27.09.19



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

Date: 07-Sep-2019

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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

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	77B4DC676C	L45X45X4-E250A	915.00	2.700	1	2.471	2.471	
681	77B4DC677	L45X45X4-E250A	1033.00	2.700	1	2.789	2.789	
682	77B4DC677A	L45X45X4-E250A	1033.00	2.700	1	2.789	2.789	
683	77B4DC677B	L45X45X4-E250A	1033.00	2.700	1	2.789	2.789	
684	77B4DC677C	L45X45X4-E250A	1033.00	2.700	1	2.789	2.789	
685	77B4DC678H	6MM PLATE H-E350A	149.00 X 267.00	47.100	2	1.874	3.748	
686	77B4DC679	8MM PLATE-E250A	135.00 X 142.00	62.800	4	1.204	4.816	
687	77B4DC680H	8MM PLATE H-E350A	183.00 X 247.00	62.800	2	2.839	5.678	
688	77B4DC681H	L50X50X4H-E350A	2090.00	3.000	1	6.270	6.270	
689	77B4DC681AH	L50X50X4H-E350A	2090.00	3.000	1	6.270	6.270	
690	77B4DC682H	L45X45X4H-E350A	2649.00	2.700	1	7.152	7.152	
691	77B4DC682XH	L45X45X4H-E350A	2649.00	2.700	1	7.152	7.152	
692	77B4DC683H	L45X45X4H-E350A	1480.00	2.700	1	3.996	3.996	
693	77B4DC684H	L90X90X6H-E350A	521.00	8.200	1	4.272	4.272	
694	77B4DC685	32MM PLATE-E250A	408.00 X 542.00	251.200	1	55.549	55.549	
695	77B4DC686H	L150X150X15H-E350A	242.00	33.800	2	8.180	16.360	
696	77B4DC687H	8MM PLATE H-E350A	186.00 X 255.00	62.800	2	2.979	5.958	
697	77B4DC688H	L50X50X4H-E350A	2206.00	3.000	1	6.618	6.618	
698	77B4DC688AH	L50X50X4H-E350A	2206.00	3.000	1	6.618	6.618	
699	77B4DC689H	L45X45X4H-E350A	3064.00	2.700	1	8.273	8.273	
700	77B4DC689XH	L45X45X4H-E350A	3064.00	2.700	1	8.273	8.273	
701	77B4DC690H	L45X45X4H-E350A	2281.00	2.700	1	6.159	6.159	
702	77B4DC690XH	L45X45X4H-E350A	2281.00	2.700	1	6.159	6.159	
703	77B4DC691	L45X45X4-E250A	1159.00	2.700	1	3.129	3.129	
704	77B4DC692H	L90X90X6H-E350A	467.00	8.200	1	3.829	3.829	
705	77B4DC693	32MM PLATE-E250A	403.00 X 562.00	251.200	1	56.893	56.893	
706	77B4DC694H	L150X150X15H-E350A	262.00	33.800	2	8.856	17.712	
707	77B4DC695H	6MM PLATE H-E350A	110.00 X 145.00	47.100	1	0.751	0.751	
708	77B4DC696H	L50X50X4H-E350A	2830.00	3.000	1	8.490	8.490	
709	77B4DC696AH	L50X50X4H-E350A	2830.00	3.000	1	8.490	8.490	
710	77B4DC696BH	6MM PLATE H-E350A	120.00 X 200.00	47.100	2	1.130	2.260	
711	77B4DC697H	L45X45X4H-E350A	1981.00	2.700	1	5.349	5.349	
712	77B4DC698	L45X45X4-E250A	1067.00	2.700	1	2.881	2.881	
713	77B4DC699	L45X45X4-E250A	253.00	2.700	1	0.683	0.683	

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)
Bharat State Power Transmission Company Limited
Vidhyut Bhawan Patna-800021

Sk
27-09-19



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

Date: 07-Sep-2019

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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

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	77B4DC700H	6MM PLATE H-E350A	110.00 X 193.00	47.100	1	1.000	1.000	
715	77B4DC701H	L50X50X4H-E350A	2614.00	3.000	1	7.842	7.842	
716	77B4DC701AH	L50X50X4H-E350A	2614.00	3.000	1	7.842	7.842	
717	77B4DC702H	L50X50X4H-E350A	2995.00	3.000	1	8.985	8.985	
718	77B4DC702XH	L50X50X4H-E350A	2995.00	3.000	1	8.985	8.985	
719	77B4DC703H	L45X45X4H-E350A	1379.00	2.700	1	3.723	3.723	
720	77B4DC704	L45X45X4-E250A	810.00	2.700	1	2.187	2.187	
721	77B4DC705	L45X45X4-E250A	242.00	2.700	1	0.653	0.653	
722	77B4DC730S	L65X65X5-E250A	3712.00	4.900	1	18.189	18.189	
723	77B4DC731	L65X65X5-E250A	3712.00	4.900	1	18.189	18.189	
724	77B4DC732S	L65X65X5-E250A	3119.00	4.900	1	15.283	15.283	
725	77B4DC733	L65X65X5-E250A	3119.00	4.900	1	15.283	15.283	
726	77B4DC734	L60X60X5-E250A	5915.00	4.500	1	26.618	26.618	
727	77B4DC735	L60X60X5-E250A	5915.00	4.500	1	26.618	26.618	
728	77B4DC736L	L60X60X5-E250A	286.00	4.500	1	1.287	1.287	
729	77B4DC736R	L60X60X5-E250A	286.00	4.500	1	1.287	1.287	
730	77B4DC737	6MM PLATE-E250A	60.00 X 286.00	47.100	4	0.808	3.232	
731	77B4DC738S	L65X65X5-E250A	4017.00	4.900	1	19.683	19.683	
732	77B4DC739	L65X65X5-E250A	4017.00	4.900	1	19.683	19.683	
733	77B4DC740S	L65X65X5-E250A	3473.00	4.900	1	17.018	17.018	
734	77B4DC741	L65X65X5-E250A	3473.00	4.900	1	17.018	17.018	
735	77B4DC742	L65X65X5-E250A	7015.00	4.900	1	34.374	34.374	
736	77B4DC743	L65X65X5-E250A	7015.00	4.900	1	34.374	34.374	
737	77B4DC744L	L60X60X5-E250A	286.00	4.500	1	1.287	1.287	
738	77B4DC744R	L60X60X5-E250A	286.00	4.500	1	1.287	1.287	
739	77B4DC745	6MM PLATE-E250A	60.00 X 286.00	47.100	4	0.808	3.232	
740	77B4DC746LH	8MM PLATE H-E350A	452.00 X 496.00	62.800	1	14.079	14.079	
741	77B4DC746RH	8MM PLATE H-E350A	452.00 X 496.00	62.800	1	14.079	14.079	
742	77B4DC747LH	8MM PLATE H-E350A	454.00 X 491.00	62.800	1	13.999	13.999	
743	77B4DC747RH	8MM PLATE H-E350A	454.00 X 491.00	62.800	1	13.999	13.999	
744	77B4DC748L	L65X65X5-E250A	2688.00	4.900	2	13.171	26.342	
745	77B4DC748R	L65X65X5-E250A	2688.00	4.900	2	13.171	26.342	
746	77B4DC749	8MM PLATE-E250A	240.00 X 498.00	62.800	2	7.506	15.012	
747	77B4DC750L	L90X90X6-E250A	498.00	8.200	1	4.084	4.084	

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Electrical Superintending Engineer
(Planning and Engineering)

84
27-09-19 Bihar State Power Transmission Company Limited
Vidyut Bhawan Patna-800021



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

Date: 07-Sep-2019

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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

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	77B4DC750R	L90X90X6-E250A	498.00	8.200	1	4.084	4.084	
749	77B4DC751LH	L55X55X4H-E350A	2278.00	3.300	1	7.517	7.517	
750	77B4DC751RH	L55X55X4H-E350A	2278.00	3.300	1	7.517	7.517	
751	77B4DC752L	L45X45X4-E250A	2105.00	2.700	1	5.684	5.684	
752	77B4DC752R	L45X45X4-E250A	2105.00	2.700	1	5.684	5.684	
753	77B4DC753LH	L50X50X4H-E350A	1961.00	3.000	1	5.883	5.883	
754	77B4DC753RH	L50X50X4H-E350A	1961.00	3.000	1	5.883	5.883	
755	77B4DC754L	L45X45X4-E250A	1453.00	2.700	1	3.923	3.923	
756	77B4DC754R	L45X45X4-E250A	1453.00	2.700	1	3.923	3.923	
757	77B4DC755L	L45X45X4-E250A	1641.00	2.700	1	4.431	4.431	
758	77B4DC755R	L45X45X4-E250A	1641.00	2.700	1	4.431	4.431	
759	77B4DC756L	L45X45X4-E250A	805.00	2.700	1	2.174	2.174	
760	77B4DC756R	L45X45X4-E250A	805.00	2.700	1	2.174	2.174	
761	77B4DC757L	L45X45X4-E250A	298.00	2.700	1	0.805	0.805	
762	77B4DC757R	L45X45X4-E250A	298.00	2.700	1	0.805	0.805	
763	77B4DC758	8MM PLATE-E250A	275.00 X 392.00	62.800	1	6.770	6.770	
764	77B4DC759H	12MM PLATE H-E350A	200.00 X 370.00	94.200	1	6.971	6.971	
765	77B4DC760	6MM PLATE-E250A	120.00 X 129.00	47.100	1	0.729	0.729	
766	77B4DC761LH	L60X60X4H-E350A	2660.00	3.700	1	9.842	9.842	
767	77B4DC761RH	L60X60X4H-E350A	2660.00	3.700	1	9.842	9.842	
768	77B4DC762L	L45X45X4-E250A	2105.00	2.700	1	5.684	5.684	
769	77B4DC762R	L45X45X4-E250A	2105.00	2.700	1	5.684	5.684	
770	77B4DC763LH	L50X50X4H-E350A	2317.00	3.000	1	6.951	6.951	
771	77B4DC763RH	L50X50X4H-E350A	2317.00	3.000	1	6.951	6.951	
772	77B4DC764L	L45X45X4-E250A	1454.00	2.700	1	3.926	3.926	
773	77B4DC764R	L45X45X4-E250A	1454.00	2.700	1	3.926	3.926	
774	77B4DC765LH	L50X50X4H-E350A	1984.00	3.000	1	5.952	5.952	
775	77B4DC765RH	L50X50X4H-E350A	1984.00	3.000	1	5.952	5.952	
776	77B4DC766L	L45X30X4-E250A	807.00	2.200	1	1.775	1.775	
777	77B4DC766R	L45X30X4-E250A	807.00	2.200	1	1.775	1.775	
778	77B4DC767L	L45X45X4-E250A	282.00	2.700	1	0.761	0.761	
779	77B4DC767R	L45X45X4-E250A	282.00	2.700	1	0.761	0.761	
780	77B4DC768	8MM PLATE-E250A	299.00 X 374.00	62.800	1	7.023	7.023	
781	77B4DC769H	12MM PLATE H-E350A	200.00 X 370.00	94.200	1	6.971	6.971	

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Electrical Superintending Engineer
(Planning and Engineering)

Uttar State Power Transmission Company Limited
Vidyut Bhawan Patna-800021

Sk
27.09.19



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

Date: 07-Sep-2019

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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

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	77B4DC770	6MM PLATE-E250A	120.00 X 134.00	47.100	1	0.757	0.757	
783	77B4DC771LH	8MM PLATE H-E350A	141.00 X 380.00	62.800	1	3.365	3.365	
784	77B4DC771RH	8MM PLATE H-E350A	141.00 X 380.00	62.800	1	3.365	3.365	
785	77B4DC772H	L50X50X4H-E350A	3519.00	3.000	1	10.557	10.557	
786	77B4DC772XH	L50X50X4H-E350A	3519.00	3.000	1	10.557	10.557	
787	77B4DC773H	L45X45X4H-E350A	2796.00	2.700	1	7.549	7.549	
788	77B4DC773XH	L45X45X4H-E350A	2796.00	2.700	1	7.549	7.549	
789	77B4DC774	L45X45X4-E250A	2137.00	2.700	1	5.770	5.770	
790	77B4DC774X	L45X45X4-E250A	2137.00	2.700	1	5.770	5.770	
791	77B4DC775	L45X45X4-E250A	990.00	2.700	1	2.673	2.673	
792	77B4DC776	L45X45X4-E250A	194.00	2.700	1	0.524	0.524	
793	77B4DC777	6MM PLATE-E250A	110.00 X 110.00	47.100	1	0.570	0.570	
794	77B4DC778	L45X45X4-E250A	2570.00	2.700	1	6.939	6.939	
795	77B4DC778X	L45X45X4-E250A	2570.00	2.700	1	6.939	6.939	
796	77B4DC779	L45X45X4-E250A	2150.00	2.700	1	5.805	5.805	
797	77B4DC779X	L45X45X4-E250A	2150.00	2.700	1	5.805	5.805	
798	77B4DC780	L45X45X4-E250A	1737.00	2.700	1	4.690	4.690	
799	77B4DC780X	L45X45X4-E250A	1737.00	2.700	1	4.690	4.690	
800	77B4DC781	L45X45X4-E250A	746.00	2.700	1	2.014	2.014	
801	77B4DC782	L45X45X4-E250A	187.00	2.700	1	0.505	0.505	
802	77B4DC783	6MM PLATE-E250A	110.00 X 120.00	47.100	1	0.622	0.622	
803	77B4DC784LH	8MM PLATE H-E350A	141.00 X 380.00	62.800	1	3.365	3.365	
804	77B4DC784RH	8MM PLATE H-E350A	141.00 X 380.00	62.800	1	3.365	3.365	
805	77B4DC785H	L50X50X4H-E350A	3596.00	3.000	1	10.788	10.788	
806	77B4DC785XH	L50X50X4H-E350A	3596.00	3.000	1	10.788	10.788	
807	77B4DC786H	L45X45X4H-E350A	2895.00	2.700	1	7.817	7.817	
808	77B4DC786XH	L45X45X4H-E350A	2895.00	2.700	1	7.817	7.817	
809	77B4DC787H	L45X45X4H-E350A	2265.00	2.700	1	6.116	6.116	
810	77B4DC787XH	L45X45X4H-E350A	2265.00	2.700	1	6.116	6.116	
811	77B4DC788	L45X45X4-E250A	990.00	2.700	1	2.673	2.673	
812	77B4DC789	L45X45X4-E250A	186.00	2.700	1	0.502	0.502	
813	77B4DC790	6MM PLATE-E250A	110.00 X 110.00	47.100	1	0.570	0.570	
814	77B4DC791	L45X45X4-E250A	2733.00	2.700	1	7.379	7.379	
815	77B4DC791X	L45X45X4-E250A	2733.00	2.700	1	7.379	7.379	

APPROVED

Subject to the condition that you are not absolved of
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 Transmission Company Limited

Vidyal Bhawan, Patna-800021

8k
27.09.19



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

Date: 07-Sep-2019

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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

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
816	77B4DC792	L45X30X4-E250A	2318.00	2.200	1	5.100	5.100	
817	77B4DC792X	L45X30X4-E250A	2318.00	2.200	1	5.100	5.100	
818	77B4DC793	L45X30X4-E250A	1952.00	2.200	1	4.294	4.294	
819	77B4DC793X	L45X30X4-E250A	1952.00	2.200	1	4.294	4.294	
820	77B4DC794	L45X45X4-E250A	714.00	2.700	1	1.928	1.928	
821	77B4DC795	L45X45X4-E250A	166.00	2.700	1	0.448	0.448	
822	77B4DC796	6MM PLATE-E250A	110.00 X 110.00	47.100	1	0.570	0.570	
823	77B4DC797	L55X55X4-E250A	3788.00	3.300	2	12.500	25.000	
824	77B4DC797X	L55X55X4-E250A	3788.00	3.300	2	12.500	25.000	
825	77B4DC798H	L45X45X4H-E350A	1509.00	2.700	2	4.074	8.148	
826	77B4DC798XH	L45X45X4H-E350A	1509.00	2.700	2	4.074	8.148	
827	77B4DC799	L45X30X4-E250A	820.00	2.200	2	1.804	3.608	
828	77B4DC799X	L45X30X4-E250A	820.00	2.200	2	1.804	3.608	
829	77B4DC800	6MM PLATE-E250A	100.00 X 140.00	47.100	4	0.659	2.636	
830	77B4DC801	6MM PLATE-E250A	100.00 X 101.00	47.100	4	0.476	1.904	
831	77B4DC802H	L80X80X6H-E350A	2500.00	7.300	1	18.250	18.250	
832	77B4DC803H	6MM PLATE H-E350A	115.00 X 120.00	47.100	2	0.650	1.300	
Total Weight :							22631.535	

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)
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BOM OF BASIC BODY FOR TOWER TYPE - "4DC" (400kV D/C QUAD)

10MM PLATE H-E350A	HT	34.376
10MM PLATE-E250A	MS	27.812
12MM PLATE H-E350A	HT	471.816
12MM PLATE-E250A	MS	5.548
14MM PLATE H-E350A	HT	1312.604
32MM PLATE-E250A	MS	337.655
3MM PLATE-E250A	MS	2.440
4MM PLATE-E250A	MS	9.440
6MM PLATE H-E350A	HT	204.859

APPROVED

Subject to the condition that you are not absolved
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)
Tamil Nadu State Power Transmission Company Limited
Vidut Bhawan Patna-800021

Sk
27.09.19



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

Date: 07-Sep-2019

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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

Order Ref: REF/LE19D023

6MM PLATE-E250A	MS	271.668
8MM PLATE H-E350A	HT	240.274
8MM PLATE-E250A	MS	57.577
L100X100X7H-E350A	HT	243.104
L100X100X8H-E350A	HT	18.392
L110X110X10H-E350A	HT	478.678
L120X120X10H-E350A	HT	418.522
L120X120X8H-E350A	HT	551.396
L130X130X10H-E350A	HT	1002.732
L130X130X12H-E350A	HT	339.012
L150X150X10H-E350A	HT	422.080
L150X150X12H-E350A	HT	3296.204
L150X150X14H-E350A	HT	527.940
L150X150X15H-E350A	HT	102.216
L150X150X18H-E350A	HT	689.720
L45X30X4-E250A	MS	255.712
L45X45X4-E250A	MS	1188.038
L45X45X4H-E350A	HT	373.051
L50X50X4-E250A	MS	435.408
L50X50X4H-E350A	HT	369.576
L55X55X4-E250A	MS	223.776
L55X55X4H-E350A	HT	139.962
L60X60X4H-E350A	HT	297.911
L60X60X5-E250A	MS	60.958
L60X60X5H-E350A	HT	23.796
L65X65X4-E250A	MS	71.552
L65X65X5-E250A	MS	591.058
L65X65X5H-E350A	HT	82.692
L70X70X5-E250A	MS	248.148
L70X70X5H-E350A	HT	430.754
L70X70X6H-E350A	HT	956.618
L75X75X5-E250A	MS	388.478
L75X75X5H-E350A	HT	60.489
L75X75X6H-E350A	HT	749.346
L80X80X6-E250A	MS	247.370
L80X80X6H-E350A	HT	571.224

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)
Karnataka State Power Transmission Company Limited

Vidyut Bhawan Patna-800021

8/9
27.09.19



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

Date: 07-Sep-2019

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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBS

Order Ref: REF/LE19D023

L90X90X6-E250A	MS	141.614
L90X90X6H-E350A	HT	2348.863
L90X90X7H-E350A	HT	1309.076
Total		22631.535
	HT	18067.283
	MS	4564.252

APPROVED

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supplied as per specification


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

SK
27-09-19



** -- 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: 07-Sep-2019

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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCB

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 - "4DC" (400kV D/C QUAD)								
1	PQCB1	M16X35MM LONG (IS:12427)		0.119	1459	0.119	173.621	
2	PQCB2	M16X40MM LONG (IS:12427)		0.126	965	0.126	121.590	
3	PQCB3	M16X45MM LONG (IS:12427)		0.134	704	0.134	94.336	
4	PQCB12	M16x3.5MM SPRING WASHER IS3063		0.009	6850	0.009	61.650	
5	PQCB5	M16X55MM LONG (IS:12427)		0.150	559	0.150	83.850	
6	PQCB4	M16X50MM LONG (IS:12427)		0.142	1362	0.142	193.404	
7	PQCB6	M16X60MM LONG (IS:12427)		0.158	480	0.158	75.840	
8	PQCB7	M16X65MM LONG (IS:12427)		0.164	389	0.164	63.796	
9	PQCB8	M16X70MM LONG (IS:12427)		0.173	88	0.173	15.224	
10	PQCB9	M16X75MM LONG (IS:12427)		0.180	636	0.180	114.480	
11	PQCB10	M16X80MM LONG (IS:12427)		0.185	80	0.185	14.800	
12	PQCB11	M16X85MM LONG (IS:12427)		0.193	128	0.193	24.704	
13	PQCB13	M16x175LG STEP BOLT (350D) 2N+1SP		0.374	169	0.374	63.206	
Total Weight :							1100.501	

Associated Parts

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

Raw Material Involved	Standard Material	Total Weight (In Kg)
BOLTS & NUTS OF BASIC BODY FOR TOWER TYPE - "4DC" (400kV D/C QUAD)		
M16x175LG STEP BOLT(350D) 2N+1SP		63.206
M16x3.5MM SPRING WASHER IS3063		61.650
M16X35MM LONG (IS:12427)		173.621
M16X40MM LONG (IS:12427)		121.590
M16X45MM LONG (IS:12427)		94.336
M16X50MM LONG (IS:12427)		193.404
M16X55MM LONG (IS:12427)		83.850

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)
Bihar State Power Transmission Company Limited
Vidyut Bhawan Patna-800021

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

Sk
27.09.19



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

Date: 07-Sep-2019

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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBB

Order Ref: REF/LE19D023

M16X60MM LONG (IS:12427)	75.840
M16X65MM LONG (IS:12427)	63.796
M16X70MM LONG (IS:12427)	15.224
M16X75MM LONG (IS:12427)	114.480
M16X80MM LONG (IS:12427)	14.800
M16X85MM LONG (IS:12427)	24.704
Total	1100.501

APPROVED

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Electrical Superintending Engineer
(Planning and Engineering)
Tamil Nadu State Power Transmission Company Limited
Vidhyut Bhawan, Patna-800021

SK
27.09.19

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



LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
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Date: 07-Sep-2019

Page: 1 of 1

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQCBW

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 - "4DC" (400kV D/C QUAD)								
1	PQCBW5	M16x10MM ROUND PACK WASHER IS2016		0.036	23	0.036	0.828	
2	PQCBW4	M16x8MM ROUND PACK WASHER IS2016		0.028	213	0.028	5.964	
3	PQCBW1	M16x4MM ROUND PACK WASHER IS2016		0.014	7	0.014	0.098	
4	PQCBW2	M16x5MM ROUND PACK WASHER IS2016		0.018	22	0.018	0.396	
5	PQCBW3	M16x6MM ROUND PACK WASHER IS2016		0.021	1090	0.021	22.890	
6	PQCBW6	M16x12MM ROUND PACK WASHER IS2016		0.043	2	0.043	0.086	
Total Weight :							30.262	

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 - "4DC" (400kV D/C QUAD)		
M16x10MM ROUND PACK WASHER IS2016		0.828
M16x12MM ROUND PACK WASHER IS2016		0.086
M16x4MM ROUND PACK WASHER IS2016		0.098
M16x5MM ROUND PACK WASHER IS2016		0.396
M16x6MM ROUND PACK WASHER IS2016		22.890
M16x8MM ROUND PACK WASHER IS2016		5.964
Total		30.262

APPROVED

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Bihar State Power Transmission Company Limited
Vidut Bhawan, Patna-800021

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*** -- Item Assembled with another item