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-0204 (SHEET 1 TO 7)

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

NO OF SHEETS: 29

BILL OF MATERIAL
BASIC BODY FOR TOWER TYPE - "4DB"
400kV D/C QUAD ACSR MOOSE (WZ-4)

WEIGHT OF STRUCTURE	
HT MEMBERS: BOM/LE19D023/PQBBS	14700.296
MS MEMBERS INCLUDING PACK WASHERS AND ACCESSORIES ECT. BOM/LE19D023/PQBBS = 4708.956 BOM/LE19D023/PQBBW = 26.721	4735.677
WEIGHT OF BOLTS & NUTS,SPRING WASHERS AND STEP BOLTS BOM/LE19D023/PQBBB	928.777
TOTAL WEIGHT OF STRUCTURE:	20364.75 Kgs

APPROVED
Subje... the condition that you are not absolved of the ...ility for correctness of the materials ...s per specification
...ical Superintending Engineer
(Planning and Engineering)
...ar State Power Transmission Company Limited
Vidyut Bhawan, Patna-800021
SK
27-09-19

SUCCESSFULLY TESTED AT L&T-TLTRS-KANCHIPURAM
ON 22nd OF AUGUST 2019

REV.	DATE	DESCRIPTION	PU CHKD.	BSR REVED.	CSR APPD.
0	26.08.19	SUBMISSION FOR APPROVAL AFTER SUCCESSFUL TESTING			

PREPARED BY	CHECKED BY	REVIEWED BY	APPROVED BY	DATE
MBR	PU	BSR	CSR	26.08.19

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

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBS

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-"4DB" (400kV D/C QUAD)							
1	77B4DB102SH	L200X200X15H-E350A	7100.00	45.600	2	323.760	647.520	
2	77B4DB103H	L200X200X15H-E350A	7100.00	45.600	2	323.760	647.520	
3	77B4DB104SH	L200X200X15H-E350A	7237.00	45.600	2	330.007	660.014	
4	77B4DB105H	L200X200X15H-E350A	7237.00	45.600	2	330.007	660.014	
5	77B4DB106H	L150X150X12H-E350A	606.00	27.300	8	16.544	132.352	
6	77B4DB107H	12MM PLATE H-E350A	150.00 X 606.00	94.200	16	8.563	137.008	
7	77B4DB112LH	L70X70X5H-E350A	7175.00	5.300	2	38.028	76.056	
8	77B4DB112RH	L70X70X5H-E350A	7175.00	5.300	2	38.028	76.056	
9	77B4DB113LH	L70X70X5H-E350A	7175.00	5.300	2	38.028	76.056	
10	77B4DB113RH	L70X70X5H-E350A	7175.00	5.300	2	38.028	76.056	
11	77B4DB114LH	L75X75X6H-E350A	7175.00	6.800	2	48.790	97.580	
12	77B4DB114RH	L75X75X6H-E350A	7175.00	6.800	2	48.790	97.580	
13	77B4DB115LH	L75X75X6H-E350A	7175.00	6.800	2	48.790	97.580	
14	77B4DB115RH	L75X75X6H-E350A	7175.00	6.800	2	48.790	97.580	
15	77B4DB120L	L45X45X4-E250A	2328.00	2.700	4	6.286	25.144	
16	77B4DB120R	L45X45X4-E250A	2328.00	2.700	4	6.286	25.144	
17	77B4DB121L	L65X65X5-E250A	3208.00	4.900	4	15.719	62.876	
18	77B4DB121R	L65X65X5-E250A	3208.00	4.900	4	15.719	62.876	
19	77B4DB122L	L65X65X5-E250A	4149.00	4.900	4	20.330	81.320	
20	77B4DB122R	L65X65X5-E250A	4149.00	4.900	4	20.330	81.320	
21	77B4DB123	6MM PLATE-E250A	119.00 X 210.00	47.100	8	1.177	9.416	
22	77B4DB124	6MM PLATE-E250A	50.00 X 210.00	47.100	8	0.495	3.960	
23	77B4DB125L	L45X45X4-E250A	1887.00	2.700	4	5.095	20.380	
24	77B4DB125R	L45X45X4-E250A	1887.00	2.700	4	5.095	20.380	
25	77B4DB126L	L60X60X4-E250A	2461.00	3.700	4	9.106	36.424	
26	77B4DB126R	L60X60X4-E250A	2461.00	3.700	4	9.106	36.424	
27	77B4DB127L	L65X65X4-E250A	2099.00	4.000	4	8.396	33.584	
28	77B4DB127R	L65X65X4-E250A	2099.00	4.000	4	8.396	33.584	
29	77B4DB128	5MM PLATE-E250A	105.00 X 140.00	39.250	8	0.577	4.616	
30	77B4DB129	6MM PLATE-E250A	50.00 X 140.00	47.100	8	0.330	2.640	
31	77B4DB130H	L70X70X6H-E350A	3950.00	6.300	2	24.885	49.770	
32	77B4DB131H	L70X70X6H-E350A	3950.00	6.300	2	24.885	49.770	
33	77B4DB132H	L70X70X6H-E350A	3950.00	6.300	2	24.885	49.770	

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

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 Company Limited

27.09.19

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

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBS

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	77B4DB133H	L70X70X6H-E350A	3950.00	6.300	2	24.885	49.770	
35	77B4DB134H	L70X70X6H-E350A	3151.00	6.300	2	19.851	39.702	
36	77B4DB135H	L70X70X6H-E350A	3750.00	6.300	2	23.625	47.250	
37	77B4DB136H	L70X70X6H-E350A	3750.00	6.300	2	23.625	47.250	
38	77B4DB137H	L70X70X6H-E350A	3151.00	6.300	2	19.851	39.702	
39	77B4DB138H	L70X70X5H-E350A	4182.00	5.300	2	22.165	44.330	
40	77B4DB139H	L70X70X5H-E350A	3675.00	5.300	2	19.478	38.956	
41	77B4DB140H	L70X70X5H-E350A	3674.00	5.300	2	19.472	38.944	
42	77B4DB141H	L70X70X5H-E350A	4183.00	5.300	2	22.170	44.340	
43	77B4DB142LH	L60X60X5H-E350A	286.00	4.500	4	1.287	5.148	
44	77B4DB142RH	L60X60X5H-E350A	286.00	4.500	4	1.287	5.148	
45	77B4DB143H	12MM PLATE H-E350A	60.00 X 286.00	94.200	4	1.616	6.464	
46	77B4DB144H	6MM PLATE H-E350A	144.00 X 286.00	47.100	4	1.940	7.760	
47	77B4DB145H	L60X60X5H-E350A	286.00	4.500	4	1.287	5.148	
48	77B4DB146H	12MM PLATE H-E350A	60.00 X 286.00	94.200	4	1.616	6.464	
49	77B4DB147H	6MM PLATE H-E350A	144.00 X 286.00	47.100	4	1.940	7.760	
50	77B4DB148L	L45X45X4-E250A	937.00	2.700	2	2.530	5.060	
51	77B4DB148R	L45X45X4-E250A	937.00	2.700	2	2.530	5.060	
52	77B4DB149L	L60X60X4-E250A	2287.00	3.700	2	8.462	16.924	
53	77B4DB149R	L60X60X4-E250A	2287.00	3.700	2	8.462	16.924	
54	77B4DB150L	L55X55X4-E250A	1823.00	3.300	2	6.016	12.032	
55	77B4DB150R	L55X55X4-E250A	1823.00	3.300	2	6.016	12.032	
56	77B4DB151L	L45X45X4-E250A	1885.00	2.700	2	5.090	10.180	
57	77B4DB151R	L45X45X4-E250A	1885.00	2.700	2	5.090	10.180	
58	77B4DB152L	L60X60X4-E250A	2032.00	3.700	2	7.518	15.036	
59	77B4DB152R	L60X60X4-E250A	2032.00	3.700	2	7.518	15.036	
60	77B4DB153L	L55X55X4-E250A	2709.00	3.300	2	8.940	17.880	
61	77B4DB153R	L55X55X4-E250A	2709.00	3.300	2	8.940	17.880	
62	77B4DB154L	L45X45X4-E250A	2354.00	2.700	2	6.356	12.712	
63	77B4DB154R	L45X45X4-E250A	2354.00	2.700	2	6.356	12.712	
64	77B4DB155H	12MM PLATE H-E350A	318.00 X 336.00	94.200	2	10.065	20.130	
65	77B4DB156L	L55X55X4-E250A	2926.00	3.300	2	9.656	19.312	
66	77B4DB156R	L55X55X4-E250A	2926.00	3.300	2	9.656	19.312	
67	77B4DB157	5MM PLATE-E250A	155.00 X 184.00	39.250	4	1.119	4.476	

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

APPROVED
Subject to the condition that you are not absolved of
[illegible] responsibility for correctness of the materials
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Electrical Superintending Engineer
(Planning and Engineering)
Transmission Company Limited

SM
27.09.19

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

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBS

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	77B4DB158	6MM PLATE-E250A	50.00 X 184.00	47.100	4	0.433	1.732	
69	77B4DB159L	L45X45X4-E250A	1697.00	2.700	2	4.582	9.164	
70	77B4DB159R	L45X45X4-E250A	1697.00	2.700	2	4.582	9.164	
71	77B4DB160L	L50X50X4-E250A	1455.00	3.000	2	4.365	8.730	
72	77B4DB160R	L50X50X4-E250A	1455.00	3.000	2	4.365	8.730	
73	77B4DB161L	L45X45X4-E250A	1408.00	2.700	2	3.802	7.604	
74	77B4DB161R	L45X45X4-E250A	1408.00	2.700	2	3.802	7.604	
75	77B4DB162	5MM PLATE-E250A	125.00 X 125.00	39.250	4	0.613	2.452	
76	77B4DB163	6MM PLATE-E250A	50.00 X 125.00	47.100	4	0.294	1.176	
77	77B4DB164H	L120X120X10H-E350A	5672.00	18.200	2	103.230	206.460	
78	77B4DB165LH	12MM PLATE H-E350A	348.00 X 603.00	94.200	2	19.767	39.534	
79	77B4DB165RH	12MM PLATE H-E350A	348.00 X 603.00	94.200	2	19.767	39.534	
80	77B4DB165AH	14MM PLATE H-E350A	78.00 X 170.00	109.900	4	1.457	5.828	
81	77B4DB166H	L75X75X6H-E350A	3950.00	6.800	2	26.860	53.720	
82	77B4DB167H	L75X75X6H-E350A	3950.00	6.800	2	26.860	53.720	
83	77B4DB168H	L75X75X6H-E350A	3950.00	6.800	2	26.860	53.720	
84	77B4DB169H	L75X75X6H-E350A	3950.00	6.800	2	26.860	53.720	
85	77B4DB170H	L75X75X6H-E350A	3111.00	6.800	2	21.155	42.310	
86	77B4DB171H	L75X75X6H-E350A	3750.00	6.800	2	25.500	51.000	
87	77B4DB172H	L75X75X6H-E350A	3750.00	6.800	2	25.500	51.000	
88	77B4DB173H	L75X75X6H-E350A	3111.00	6.800	2	21.155	42.310	
89	77B4DB174H	L70X70X6H-E350A	4178.00	6.300	2	26.321	52.642	
90	77B4DB175H	L70X70X6H-E350A	3635.00	6.300	2	22.901	45.802	
91	77B4DB176H	L70X70X6H-E350A	3634.00	6.300	2	22.894	45.788	
92	77B4DB177H	L70X70X6H-E350A	4179.00	6.300	2	26.328	52.656	
93	77B4DB178LH	L60X60X5H-E350A	286.00	4.500	4	1.287	5.148	
94	77B4DB178RH	L60X60X5H-E350A	286.00	4.500	4	1.287	5.148	
95	77B4DB179H	12MM PLATE H-E350A	60.00 X 286.00	94.200	4	1.616	6.464	
96	77B4DB180H	6MM PLATE H-E350A	144.00 X 286.00	47.100	4	1.940	7.760	
97	77B4DB181H	L60X60X5H-E350A	286.00	4.500	4	1.287	5.148	
98	77B4DB182H	12MM PLATE H-E350A	60.00 X 286.00	94.200	4	1.616	6.464	
99	77B4DB183H	6MM PLATE H-E350A	144.00 X 286.00	47.100	4	1.940	7.760	
100	77B4DB184L	L45X45X4-E250A	936.00	2.700	2	2.527	5.054	
101	77B4DB184R	L45X45X4-E250A	936.00	2.700	2	2.527	5.054	

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

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

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/PQBBS

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	77B4DB185L	L65X65X4-E250A	2295.00	4.000	2	9.180	18.360	
103	77B4DB185R	L65X65X4-E250A	2295.00	4.000	2	9.180	18.360	
104	77B4DB186L	L55X55X4-E250A	1823.00	3.300	2	6.016	12.032	
105	77B4DB186R	L55X55X4-E250A	1823.00	3.300	2	6.016	12.032	
106	77B4DB187L	L60X60X4-E250A	2032.00	3.700	2	7.518	15.036	
107	77B4DB187R	L60X60X4-E250A	2032.00	3.700	2	7.518	15.036	
108	77B4DB188L	L45X45X4-E250A	1848.00	2.700	2	4.990	9.980	
109	77B4DB188R	L45X45X4-E250A	1848.00	2.700	2	4.990	9.980	
110	77B4DB189L	L55X55X4-E250A	2709.00	3.300	2	8.940	17.880	
111	77B4DB189R	L55X55X4-E250A	2709.00	3.300	2	8.940	17.880	
112	77B4DB190L	L45X45X4-E250A	2312.00	2.700	2	6.242	12.484	
113	77B4DB190R	L45X45X4-E250A	2312.00	2.700	2	6.242	12.484	
114	77B4DB191H	12MM PLATE H-E350A	319.00 X 338.00	94.200	2	10.157	20.314	
115	77B4DB192	5MM PLATE-E250A	156.00 X 181.00	39.250	4	1.108	4.432	
116	77B4DB193	6MM PLATE-E250A	50.00 X 181.00	47.100	4	0.426	1.704	
117	77B4DB194L	L55X55X4-E250A	2964.00	3.300	2	9.781	19.562	
118	77B4DB194R	L55X55X4-E250A	2964.00	3.300	2	9.781	19.562	
119	77B4DB195L	L50X50X4-E250A	1450.00	3.000	2	4.350	8.700	
120	77B4DB195R	L50X50X4-E250A	1450.00	3.000	2	4.350	8.700	
121	77B4DB196L	L45X45X4-E250A	1679.00	2.700	2	4.533	9.066	
122	77B4DB196R	L45X45X4-E250A	1679.00	2.700	2	4.533	9.066	
123	77B4DB197L	L45X45X4-E250A	1468.00	2.700	2	3.964	7.928	
124	77B4DB197R	L45X45X4-E250A	1468.00	2.700	2	3.964	7.928	
125	77B4DB198	5MM PLATE-E250A	124.00 X 125.00	39.250	4	0.608	2.432	
126	77B4DB199	6MM PLATE-E250A	50.00 X 124.00	47.100	4	0.292	1.168	
127	77B4DB200H	L100X100X8H-E350A	5930.00	12.100	1	71.753	71.753	
128	77B4DB200AH	L100X100X8H-E350A	5946.00	12.100	1	71.947	71.947	
129	77B4DB201LH	12MM PLATE H-E350A	262.00 X 549.00	94.200	2	13.550	27.100	
130	77B4DB201RH	12MM PLATE H-E350A	262.00 X 549.00	94.200	2	13.550	27.100	
131	77B4DB202	L55X55X4-E250A	4085.00	3.300	8	13.481	107.848	
132	77B4DB203	L55X55X4-E250A	3425.00	3.300	8	11.303	90.424	
133	77B4DB204	L45X30X4-E250A	1492.00	2.200	8	3.282	26.256	
134	77B4DB205	L45X45X4-E250A	4744.00	2.700	8	12.809	102.472	
135	77B4DB206	L45X30X4-E250A	1305.00	2.200	8	2.871	22.968	

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

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Electrical Superintending Engineer
(Planning and Engineering)
Bihar State Power Transmissio[illegible]

27.09.19

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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBS

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	77B4DB207H	L60X60X4H-E350A	2866.00	3.700	4	10.604	42.416
137	77B4DB208L	6MM PLATE-E250A	111.00 X 255.00	47.100	4	1.333	5.332
138	77B4DB208R	6MM PLATE-E250A	111.00 X 255.00	47.100	4	1.333	5.332
139	77B4DB209L	6MM PLATE-E250A	110.00 X 295.00	47.100	4	1.528	6.112
140	77B4DB209R	6MM PLATE-E250A	110.00 X 295.00	47.100	4	1.528	6.112
141	77B4DB210H	6MM PLATE H-E350A	110.00 X 229.00	47.100	8	1.186	9.488
142	77B4DB211	6MM PLATE-E250A	110.00 X 144.00	47.100	8	0.746	5.968
143	77B4DB212	L45X45X4-E250A	1277.00	2.700	4	3.448	13.792
144	77B4DB213L	L45X45X4-E250A	2547.00	2.700	2	6.877	13.754
145	77B4DB213R	L45X45X4-E250A	2547.00	2.700	2	6.877	13.754
146	77B4DB214L	L45X45X4-E250A	2568.00	2.700	2	6.934	13.868
147	77B4DB214R	L45X45X4-E250A	2568.00	2.700	2	6.934	13.868
148	77B4DB215L	L45X45X4-E250A	4818.00	2.700	2	13.009	26.018
149	77B4DB215R	L45X45X4-E250A	4818.00	2.700	2	13.009	26.018
150	77B4DB216L	L45X45X4-E250A	4866.00	2.700	2	13.138	26.276
151	77B4DB216R	L45X45X4-E250A	4866.00	2.700	2	13.138	26.276
152	77B4DB217	L45X45X4-E250A	1993.00	2.700	4	5.381	21.524
153	77B4DB218	L45X45X4-E250A	2006.00	2.700	4	5.416	21.664
154	77B4DB219	L45X30X4-E250A	832.00	2.200	4	1.830	7.320
155	77B4DB220	L45X30X4-E250A	828.00	2.200	4	1.822	7.288
156	77B4DB221	6MM PLATE-E250A	110.00 X 144.00	47.100	8	0.746	5.968
157	77B4DB222	6MM PLATE-E250A	110.00 X 229.00	47.100	16	1.186	18.976
158	77B4DB223	6MM PLATE-E250A	110.00 X 234.00	47.100	16	1.212	19.392
159	77B4DB224L	L45X45X4-E250A	2427.00	2.700	2	6.553	13.106
160	77B4DB224R	L45X45X4-E250A	2427.00	2.700	2	6.553	13.106
161	77B4DB225L	L45X45X4-E250A	2428.00	2.700	2	6.556	13.112
162	77B4DB225R	L45X45X4-E250A	2428.00	2.700	2	6.556	13.112
163	77B4DB226H	L45X45X4H-E350A	3544.00	2.700	4	9.569	38.276
164	77B4DB227L	L45X30X4-E250A	1440.00	2.200	2	3.168	6.336
165	77B4DB227R	L45X30X4-E250A	1440.00	2.200	2	3.168	6.336
166	77B4DB228L	L45X30X4-E250A	1517.00	2.200	2	3.337	6.674
167	77B4DB228R	L45X30X4-E250A	1517.00	2.200	2	3.337	6.674
168	77B4DB229H	L45X45X4H-E350A	1783.00	2.700	4	4.814	19.256
169	77B4DB230L	6MM PLATE-E250A	113.00 X 256.00	47.100	2	1.363	2.726

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

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

Electrical Superintending Engineer
(Planning and Engineering)
Transmission Company Limited
600021

SK
27-09-19

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

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBS

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	77B4DB230R	6MM PLATE-E250A	113.00 X 256.00	47.100	2	1.363	2.726	
171	77B4DB231L	6MM PLATE-E250A	113.00 X 252.00	47.100	2	1.341	2.682	
172	77B4DB231R	6MM PLATE-E250A	113.00 X 252.00	47.100	2	1.341	2.682	
173	77B4DB232H	6MM PLATE H-E350A	110.00 X 229.00	47.100	8	1.186	9.488	
174	77B4DB233H	6MM PLATE H-E350A	110.00 X 229.00	47.100	8	1.186	9.488	
175	77B4DB234	6MM PLATE-E250A	110.00 X 144.00	47.100	8	0.746	5.968	
176	77B4DB235	6MM PLATE-E250A	120.00 X 187.00	47.100	4	1.057	4.228	
177	77B4DB260SH	L150X150X16H-E350A	3860.00	35.800	2	138.188	276.376	
178	77B4DB261H	L150X150X16H-E350A	3860.00	35.800	2	138.188	276.376	
179	77B4DB262SH	L150X150X12H-E350A	4509.00	27.300	2	123.096	246.192	
180	77B4DB263H	L150X150X12H-E350A	4509.00	27.300	2	123.096	246.192	
181	77B4DB264H	L150X150X10H-E350A	536.00	22.900	4	12.274	49.096	
182	77B4DB265H	10MM PLATE H-E350A	140.00 X 536.00	78.500	8	5.891	47.128	
183	77B4DB266H	L130X130X10H-E350A	436.00	19.700	4	8.589	34.356	
184	77B4DB267H	10MM PLATE H-E350A	110.00 X 436.00	78.500	8	3.765	30.120	
185	77B4DB268	4MM PLATE-E250A	100.00 X 210.00	31.400	8	0.659	5.272	
186	77B4DB269H	L75X75X6H-E350A	3416.00	6.800	2	23.229	46.458	
187	77B4DB270H	L75X75X6H-E350A	6635.00	6.800	2	45.118	90.236	
188	77B4DB271H	L75X75X6H-E350A	6633.00	6.800	2	45.104	90.208	
189	77B4DB272H	L75X75X6H-E350A	3417.00	6.800	2	23.236	46.472	
190	77B4DB273H	L75X75X6H-E350A	3021.00	6.800	2	20.543	41.086	
191	77B4DB274H	L75X75X6H-E350A	3022.00	6.800	2	20.550	41.100	
192	77B4DB275L	L50X50X4-E250A	1262.00	3.000	2	3.786	7.572	
193	77B4DB275R	L50X50X4-E250A	1262.00	3.000	2	3.786	7.572	
194	77B4DB276L	L50X50X4-E250A	1521.00	3.000	2	4.563	9.126	
195	77B4DB276R	L50X50X4-E250A	1521.00	3.000	2	4.563	9.126	
196	77B4DB277	5MM PLATE-E250A	130.00 X 162.00	39.250	4	0.827	3.308	
197	77B4DB278	6MM PLATE-E250A	50.00 X 162.00	47.100	4	0.382	1.528	
198	77B4DB279	L45X45X4-E250A	2057.00	2.700	2	5.554	11.108	
199	77B4DB279AL	L45X45X4-E250A	1790.00	2.700	2	4.833	9.666	
200	77B4DB279AR	L45X45X4-E250A	1790.00	2.700	2	4.833	9.666	
201	77B4DB279BL	L45X45X4-E250A	1170.00	2.700	2	3.159	6.318	
202	77B4DB279BR	L45X45X4-E250A	1170.00	2.700	2	3.159	6.318	
203	77B4DB280LH	L90X90X6H-E350A	2529.00	8.200	2	20.738	41.476	

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

APPROVED
Subject to the condition that you are n
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Electrical Superintending Engineer
(Planning and Engineering)
Bihar 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

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBS

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	77B4DB280RH	L90X90X6H-E350A	2529.00	8.200	2	20.738	41.476	
205	77B4DB281A	16MM PLATE-E250A	70.00 X 120.00	125.600	4	1.055	4.220	
206	77B4DB281H	12MM PLATE H-E350A	293.00 X 739.00	94.200	2	20.397	40.794	
207	77B4DB282L	L45X45X4-E250A	1626.00	2.700	2	4.390	8.780	
208	77B4DB282R	L45X45X4-E250A	1626.00	2.700	2	4.390	8.780	
209	77B4DB283L	L45X30X4-E250A	1016.00	2.200	2	2.235	4.470	
210	77B4DB283R	L45X30X4-E250A	1016.00	2.200	2	2.235	4.470	
211	77B4DB284L	L50X50X4-E250A	1392.00	3.000	2	4.176	8.352	
212	77B4DB284R	L50X50X4-E250A	1392.00	3.000	2	4.176	8.352	
213	77B4DB285H	14MM PLATE H-E350A	233.00 X 493.00	109.900	4	12.624	50.496	
214	77B4DB286	16MM PLATE-E250A	68.00 X 130.00	125.600	4	1.110	4.440	
215	77B4DB287	16MM PLATE-E250A	75.00 X 155.00	125.600	4	1.460	5.840	
216	77B4DB288H	L90X90X7H-E350A	3360.00	9.600	2	32.256	64.512	
217	77B4DB289H	L90X90X7H-E350A	6571.00	9.600	2	63.082	126.164	
218	77B4DB290H	L90X90X7H-E350A	6569.00	9.600	2	63.062	126.124	
219	77B4DB291H	L90X90X7H-E350A	3361.00	9.600	2	32.266	64.532	
220	77B4DB292H	L90X90X7H-E350A	3011.00	9.600	2	28.906	57.812	
221	77B4DB293H	L90X90X7H-E350A	3012.00	9.600	2	28.915	57.830	
222	77B4DB294L	L45X45X4-E250A	1158.00	2.700	2	3.127	6.254	
223	77B4DB294R	L45X45X4-E250A	1158.00	2.700	2	3.127	6.254	
224	77B4DB295L	L55X55X4-E250A	2059.00	3.300	2	6.795	13.590	
225	77B4DB295R	L55X55X4-E250A	2059.00	3.300	2	6.795	13.590	
226	77B4DB296L	L45X45X4-E250A	2171.00	2.700	2	5.862	11.724	
227	77B4DB296R	L45X45X4-E250A	2171.00	2.700	2	5.862	11.724	
228	77B4DB297L	L45X45X4-E250A	1311.00	2.700	2	3.540	7.080	
229	77B4DB297R	L45X45X4-E250A	1311.00	2.700	2	3.540	7.080	
230	77B4DB298	5MM PLATE-E250A	135.00 X 192.00	39.250	4	1.017	4.068	
231	77B4DB299	8MM PLATE-E250A	50.00 X 192.00	62.800	4	0.603	2.412	
232	77B4DB300H	14MM PLATE H-E350A	354.00 X 385.00	109.900	2	14.978	29.956	
233	77B4DB301H	L100X100X10H-E350A	4493.00	14.900	2	66.946	133.892	
234	77B4DB302H	12MM PLATE H-E350A	375.00 X 549.00	94.200	4	19.393	77.572	
235	77B4DB303	12MM PLATE-E250A	75.00 X 260.00	94.200	4	1.837	7.348	
236	77B4DB304H	L100X100X8H-E350A	251.00	12.100	2	3.037	6.074	
237	77B4DB305	L45X45X4-E250A	2022.00	2.700	2	5.459	10.918	

** -- Item Welded with another item
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Electrical Superintending Engineer
(Planning and Engineering)
Bihar State Power Transmission Company Limite

SK 27.09.19

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

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBS

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	77B4DB306H	L75X75X6H-E350A	3460.00	6.800	2	23.528	47.056	
239	77B4DB307H	L75X75X6H-E350A	6713.00	6.800	2	45.648	91.296	
240	77B4DB308H	L75X75X6H-E350A	6711.00	6.800	2	45.635	91.270	
241	77B4DB309H	L75X75X6H-E350A	3461.00	6.800	2	23.535	47.070	
242	77B4DB310H	L75X75X6H-E350A	3055.00	6.800	2	20.774	41.548	
243	77B4DB311H	L75X75X6H-E350A	3056.00	6.800	2	20.781	41.562	
244	77B4DB312L	L50X50X4-E250A	1281.00	3.000	2	3.843	7.686	
245	77B4DB312R	L50X50X4-E250A	1281.00	3.000	2	3.843	7.686	
246	77B4DB313L	L50X50X4-E250A	1572.00	3.000	2	4.716	9.432	
247	77B4DB313R	L50X50X4-E250A	1572.00	3.000	2	4.716	9.432	
248	77B4DB314	5MM PLATE-E250A	125.00 X 139.00	39.250	4	0.682	2.728	
249	77B4DB315	6MM PLATE-E250A	50.00 X 139.00	47.100	4	0.327	1.308	
250	77B4DB316LH	L80X80X6H-E350A	2586.00	7.300	2	18.878	37.756	
251	77B4DB316RH	L80X80X6H-E350A	2586.00	7.300	2	18.878	37.756	
252	77B4DB317H	12MM PLATE H-E350A	295.00 X 505.00	94.200	2	14.033	28.066	
253	77B4DB318H	6MM PLATE H-E350A	155.00 X 174.00	47.100	4	1.270	5.080	
254	77B4DB319L	L45X45X4-E250A	1626.00	2.700	2	4.390	8.780	
255	77B4DB319R	L45X45X4-E250A	1626.00	2.700	2	4.390	8.780	
256	77B4DB320L	L45X30X4-E250A	989.00	2.200	2	2.176	4.352	
257	77B4DB320R	L45X30X4-E250A	989.00	2.200	2	2.176	4.352	
258	77B4DB321L	L50X50X4-E250A	1392.00	3.000	2	4.176	8.352	
259	77B4DB321R	L50X50X4-E250A	1392.00	3.000	2	4.176	8.352	
260	77B4DB322H	12MM PLATE H-E350A	233.00 X 491.00	94.200	4	10.777	43.108	
261	77B4DB323	16MM PLATE-E250A	63.00 X 130.00	125.600	4	1.029	4.116	
262	77B4DB324	16MM PLATE-E250A	70.00 X 155.00	125.600	4	1.363	5.452	
263	77B4DB325H	L90X90X6H-E350A	3338.00	8.200	2	27.372	54.744	
264	77B4DB326H	L90X90X6H-E350A	6530.00	8.200	2	53.546	107.092	
265	77B4DB327H	L90X90X6H-E350A	6528.00	8.200	2	53.530	107.060	
266	77B4DB328H	L90X90X6H-E350A	3339.00	8.200	2	27.380	54.760	
267	77B4DB329H	L90X90X6H-E350A	2992.00	8.200	2	24.534	49.068	
268	77B4DB330H	L90X90X6H-E350A	2993.00	8.200	2	24.543	49.086	
269	77B4DB331L	L45X45X4-E250A	1159.00	2.700	2	3.129	6.258	
270	77B4DB331R	L45X45X4-E250A	1159.00	2.700	2	3.129	6.258	
271	77B4DB332L	L55X55X4-E250A	2017.00	3.300	2	6.656	13.312	

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Planning and Engineering)
Transmission Company Limited
021

SK
27.09.19

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

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBS

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	77B4DB332R	L55X55X4-E250A	2017.00	3.300	2	6.656	13.312	
273	77B4DB333L	L45X45X4-E250A	2125.00	2.700	2	5.738	11.476	
274	77B4DB333R	L45X45X4-E250A	2125.00	2.700	2	5.738	11.476	
275	77B4DB334L	L45X45X4-E250A	1347.00	2.700	2	3.637	7.274	
276	77B4DB334R	L45X45X4-E250A	1347.00	2.700	2	3.637	7.274	
277	77B4DB335	6MM PLATE-E250A	130.00 X 188.00	47.100	4	1.151	4.604	
278	77B4DB336	6MM PLATE-E250A	50.00 X 188.00	47.100	4	0.443	1.772	
279	77B4DB337H	12MM PLATE H-E350A	328.00 X 365.00	94.200	2	11.278	22.556	
280	77B4DB338H	L60X60X4H-E350A	4735.00	3.700	1	17.520	17.520	
281	77B4DB338AH	L60X60X4H-E350A	4749.00	3.700	1	17.571	17.571	
282	77B4DB339H	12MM PLATE H-E350A	201.00 X 282.00	94.200	4	5.339	21.356	
283	77B4DB340	12MM PLATE-E250A	70.00 X 85.00	94.200	4	0.560	2.240	
284	77B4DB341	6MM PLATE-E250A	120.00 X 167.00	47.100	2	0.944	1.888	
285	77B4DB342	6MM PLATE-E250A	130.00 X 165.00	47.100	2	1.010	2.020	
286	77B4DB343H	L45X45X4H-E350A	1915.00	2.700	4	5.171	20.684	
287	77B4DB344L	L45X45X4-E250A	2767.00	2.700	2	7.471	14.942	
288	77B4DB344R	L45X45X4-E250A	2767.00	2.700	2	7.471	14.942	
289	77B4DB345L	L45X45X4-E250A	2803.00	2.700	2	7.568	15.136	
290	77B4DB345R	L45X45X4-E250A	2803.00	2.700	2	7.568	15.136	
291	77B4DB346	6MM PLATE-E250A	110.00 X 144.00	47.100	8	0.746	5.968	
292	77B4DB347A	6MM PLATE-E250A	110.00 X 234.00	47.100	4	1.212	4.848	
293	77B4DB347H	6MM PLATE H-E350A	110.00 X 234.00	47.100	4	1.212	4.848	
294	77B4DB348A	6MM PLATE-E250A	110.00 X 234.00	47.100	4	1.212	4.848	
295	77B4DB348H	6MM PLATE H-E350A	110.00 X 234.00	47.100	4	1.212	4.848	
296	77B4DB349H	L45X45X4H-E350A	1860.00	2.700	4	5.022	20.088	
297	77B4DB350H	6MM PLATE H-E350A	110.00 X 234.00	47.100	4	1.212	4.848	
298	77B4DB350AH	6MM PLATE H-E350A	110.00 X 234.00	47.100	4	1.212	4.848	
299	77B4DB351H	L45X45X4H-E350A	1721.00	2.700	4	4.647	18.588	
300	77B4DB352H	6MM PLATE H-E350A	110.00 X 254.00	47.100	4	1.316	5.264	
301	77B4DB353H	6MM PLATE H-E350A	110.00 X 256.00	47.100	4	1.326	5.304	
302	77B4DB354H	L45X45X4H-E350A	1615.00	2.700	4	4.361	17.444	
303	77B4DB355H	6MM PLATE H-E350A	110.00 X 254.00	47.100	4	1.316	5.264	
304	77B4DB356H	6MM PLATE H-E350A	110.00 X 256.00	47.100	4	1.326	5.304	
305	77B4DB357	6MM PLATE-E250A	110.00 X 144.00	47.100	8	0.746	5.968	

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

APPROVED
Subject to the condition that we are no [illegible] the responsibility for correctness of the materia supplied as per specification
Electrical Superintending Engineer
(Planning and Engineering)
Bihar State Power Transmission Company Limited
27.09.19

LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
979,Mount-Poonamallee Road,Manapakkam,
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BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBS

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	77B4DB358	6MM PLATE-E250A	110.00 X 156.00	47.100	16	0.808	12.928	
307	77B4DB359	6MM PLATE-E250A	110.00 X 144.00	47.100	8	0.746	5.968	
308	77B4DB360	6MM PLATE-E250A	110.00 X 154.00	47.100	16	0.798	12.768	
309	77B4DB380SH	L130X130X12H-E350A	2058.00	23.500	2	48.363	96.726	
310	77B4DB381H	L130X130X12H-E350A	2058.00	23.500	2	48.363	96.726	
311	77B4DB382SH	L120X120X10H-E350A	3420.00	18.200	2	62.244	124.488	
312	77B4DB383H	L120X120X10H-E350A	3420.00	18.200	2	62.244	124.488	
313	77B4DB384SH	L90X90X7H-E350A	4772.00	9.600	2	45.811	91.622	
314	77B4DB385H	L90X90X7H-E350A	4772.00	9.600	2	45.811	91.622	
315	77B4DB386H	L120X120X8H-E350A	396.00	14.700	4	5.821	23.284	
316	77B4DB387H	8MM PLATE H-E350A	110.00 X 396.00	62.800	8	2.736	21.888	
317	77B4DB388H	L100X100X8H-E350A	366.00	12.100	4	4.429	17.716	
318	77B4DB389H	8MM PLATE H-E350A	82.00 X 366.00	62.800	8	1.885	15.080	
319	77B4DB390	2MM PLATE-E250A	82.00 X 180.00	15.700	8	0.232	1.856	
320	77B4DB391H	L70X70X5H-E350A	2838.00	5.300	2	15.041	30.082	
321	77B4DB392H	L70X70X5H-E350A	2839.00	5.300	2	15.047	30.094	
322	77B4DB393H	L70X70X5H-E350A	2838.00	5.300	2	15.041	30.082	
323	77B4DB394H	L70X70X5H-E350A	2839.00	5.300	2	15.047	30.094	
324	77B4DB395	L45X45X4-E250A	2001.00	2.700	2	5.403	10.806	
325	77B4DB396L	L45X45X4-E250A	1360.00	2.700	2	3.672	7.344	
326	77B4DB396R	L45X45X4-E250A	1360.00	2.700	2	3.672	7.344	
327	77B4DB397H	L120X120X8H-E350A	4224.00	14.700	2	62.093	124.186	
328	77B4DB397AH	12MM PLATE H-E350A	208.00 X 410.00	94.200	2	8.033	16.066	
329	77B4DB398H	10MM PLATE H-E350A	184.00 X 209.00	78.500	4	3.019	12.076	
330	77B4DB399	12MM PLATE-E250A	50.00 X 90.00	94.200	4	0.424	1.696	
331	77B4DB400H	L70X70X5H-E350A	2690.00	5.300	2	14.257	28.514	
332	77B4DB401H	L70X70X5H-E350A	5180.00	5.300	2	27.454	54.908	
333	77B4DB402H	L70X70X5H-E350A	5179.00	5.300	2	27.449	54.898	
334	77B4DB403H	L70X70X5H-E350A	2691.00	5.300	2	14.262	28.524	
335	77B4DB404H	L70X70X5H-E350A	2326.00	5.300	2	12.328	24.656	
336	77B4DB405H	L70X70X5H-E350A	2327.00	5.300	2	12.333	24.666	
337	77B4DB406	5MM PLATE-E250A	125.00 X 136.00	39.250	4	0.667	2.668	
338	77B4DB407	5MM PLATE-E250A	50.00 X 136.00	39.250	4	0.267	1.068	
339	77B4DB408	L45X30X4-E250A	1186.00	2.200	4	2.609	10.436	

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

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

Electrical Superintending Engineer
(Planning and Engineering)
Other State Power Transmission Company Limited
Vidyut ...

27.09.19

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

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBS

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	77B4DB409L	L45X30X4-E250A	1599.00	2.200	2	3.518	7.036	
341	77B4DB409R	L45X30X4-E250A	1599.00	2.200	2	3.518	7.036	
342	77B4DB410	L45X30X4-E250A	1410.00	2.200	4	3.102	12.408	
343	77B4DB411H	10MM PLATE H-E350A	303.00 X 358.00	78.500	2	8.515	17.030	
344	77B4DB412H	12MM PLATE H-E350A	220.00 X 443.00	94.200	4	9.181	36.724	
345	77B4DB413	10MM PLATE-E250A	50.00 X 130.00	78.500	4	0.510	2.040	
346	77B4DB414	10MM PLATE-E250A	50.00 X 130.00	78.500	4	0.510	2.040	
347	77B4DB415H	L70X70X6H-E350A	2335.00	6.300	2	14.711	29.422	
348	77B4DB416H	L70X70X6H-E350A	4611.00	6.300	2	29.049	58.098	
349	77B4DB417H	L70X70X6H-E350A	4610.00	6.300	2	29.043	58.086	
350	77B4DB418H	L70X70X6H-E350A	2335.00	6.300	2	14.711	29.422	
351	77B4DB419H	L70X70X6H-E350A	2100.00	6.300	2	13.230	26.460	
352	77B4DB420H	L70X70X6H-E350A	2100.00	6.300	2	13.230	26.460	
353	77B4DB421	5MM PLATE-E250A	130.00 X 138.00	39.250	4	0.704	2.816	
354	77B4DB422	6MM PLATE-E250A	50.00 X 138.00	47.100	4	0.325	1.300	
355	77B4DB423	L45X30X4-E250A	1045.00	2.200	4	2.299	9.196	
356	77B4DB424L	L45X30X4-E250A	1436.00	2.200	2	3.159	6.318	
357	77B4DB424R	L45X30X4-E250A	1436.00	2.200	2	3.159	6.318	
358	77B4DB425L	L45X30X4-E250A	1240.00	2.200	2	2.728	5.456	
359	77B4DB425R	L45X30X4-E250A	1240.00	2.200	2	2.728	5.456	
360	77B4DB426H	12MM PLATE H-E350A	304.00 X 363.00	94.200	2	10.395	20.790	
361	77B4DB427H	12MM PLATE H-E350A	405.00 X 642.00	94.200	4	24.493	97.972	
362	77B4DB428	6MM PLATE-E250A	50.00 X 130.00	47.100	4	0.306	1.224	
363	77B4DB429	6MM PLATE-E250A	73.00 X 330.00	47.100	4	1.135	4.540	
364	77B4DB430H	L90X90X8H-E350A	3295.00	10.800	2	35.586	71.172	
365	77B4DB431	L45X30X4-E250A	1148.00	2.200	2	2.526	5.052	
366	77B4DB431A	L45X30X4-E250A	1008.00	2.200	2	2.218	4.436	
367	77B4DB431AX	L45X30X4-E250A	1008.00	2.200	2	2.218	4.436	
368	77B4DB431B	L45X30X4-E250A	662.00	2.200	2	1.456	2.912	
369	77B4DB431BX	L45X30X4-E250A	662.00	2.200	2	1.456	2.912	
370	77B4DB432	L90X90X6-E250A	3662.00	8.200	2	30.028	60.056	
371	77B4DB432X	L90X90X6-E250A	3662.00	8.200	2	30.028	60.056	
372	77B4DB433	L45X30X4-E250A	1012.00	2.200	2	2.226	4.452	
373	77B4DB434A	6MM PLATE-E250A	50.00 X 130.00	47.100	4	0.306	1.224	

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

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

Electrical Superintending Engineer
(Planning and Engineering)
Tamil Nadu Power Transmission Corpn.

27.09.19

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

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBS

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	77B4DB434H	L70X70X6H-E350A	2999.00	6.300	2	18.894	37.788	
375	77B4DB435H	L60X60X4H-E350A	226.00	3.700	2	0.836	1.672	
376	77B4DB436	L45X45X4-E250A	2018.00	2.700	2	5.449	10.898	
377	77B4DB437H	L70X70X5H-E350A	2930.00	5.300	2	15.529	31.058	
378	77B4DB438H	L70X70X5H-E350A	2930.00	5.300	2	15.529	31.058	
379	77B4DB439H	L70X70X5H-E350A	2930.00	5.300	2	15.529	31.058	
380	77B4DB440H	L70X70X5H-E350A	2930.00	5.300	2	15.529	31.058	
381	77B4DB441L	L45X45X4-E250A	1397.00	2.700	2	3.772	7.544	
382	77B4DB441R	L45X45X4-E250A	1397.00	2.700	2	3.772	7.544	
383	77B4DB442H	L120X120X8H-E350A	4224.00	14.700	2	62.093	124.186	
384	77B4DB442AH	12MM PLATE H-E350A	210.00 X 410.00	94.200	2	8.111	16.222	
385	77B4DB443H	10MM PLATE H-E350A	174.00 X 209.00	78.500	4	2.855	11.420	
386	77B4DB445H	L70X70X5H-E350A	2690.00	5.300	2	14.257	28.514	
387	77B4DB446H	L70X70X5H-E350A	5180.00	5.300	2	27.454	54.908	
388	77B4DB447H	L70X70X5H-E350A	5179.00	5.300	2	27.449	54.898	
389	77B4DB448H	L70X70X5H-E350A	2691.00	5.300	2	14.262	28.524	
390	77B4DB449H	L70X70X5H-E350A	2326.00	5.300	2	12.328	24.656	
391	77B4DB450H	L70X70X5H-E350A	2327.00	5.300	2	12.333	24.666	
392	77B4DB451	5MM PLATE-E250A	125.00 X 136.00	39.250	4	0.667	2.668	
393	77B4DB452	5MM PLATE-E250A	50.00 X 136.00	39.250	4	0.267	1.068	
394	77B4DB453L	L45X30X4-E250A	1186.00	2.200	2	2.609	5.218	
395	77B4DB453R	L45X30X4-E250A	1186.00	2.200	2	2.609	5.218	
396	77B4DB454L	L45X30X4-E250A	1599.00	2.200	2	3.518	7.036	
397	77B4DB454R	L45X30X4-E250A	1599.00	2.200	2	3.518	7.036	
398	77B4DB455L	L45X30X4-E250A	1410.00	2.200	2	3.102	6.204	
399	77B4DB455R	L45X30X4-E250A	1410.00	2.200	2	3.102	6.204	
400	77B4DB456H	10MM PLATE H-E350A	303.00 X 358.00	78.500	2	8.515	17.030	
401	77B4DB457H	10MM PLATE H-E350A	220.00 X 393.00	78.500	4	6.787	27.148	
402	77B4DB458	10MM PLATE-E250A	50.00 X 130.00	78.500	4	0.510	2.040	
403	77B4DB459	10MM PLATE-E250A	65.00 X 130.00	78.500	4	0.663	2.652	
404	77B4DB460H	L70X70X5H-E350A	2305.00	5.300	2	12.217	24.434	
405	77B4DB461H	L70X70X5H-E350A	4571.00	5.300	2	24.226	48.452	
406	77B4DB462H	L70X70X5H-E350A	4570.00	5.300	2	24.221	48.442	
407	77B4DB463H	L70X70X5H-E350A	2305.00	5.300	2	12.217	24.434	

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

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

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

27.09.19

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

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBS

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	77B4DB464H	L70X70X5H-E350A	2084.00	5.300	2	11.045	22.090	
409	77B4DB465H	L70X70X5H-E350A	2084.00	5.300	2	11.045	22.090	
410	77B4DB466	5MM PLATE-E250A	130.00 X 142.00	39.250	4	0.725	2.900	
411	77B4DB467	5MM PLATE-E250A	50.00 X 142.00	39.250	4	0.279	1.116	
412	77B4DB468	L45X30X4-E250A	1025.00	2.200	4	2.255	9.020	
413	77B4DB469L	L45X30X4-E250A	1383.00	2.200	2	3.043	6.086	
414	77B4DB469R	L45X30X4-E250A	1383.00	2.200	2	3.043	6.086	
415	77B4DB470L	L45X30X4-E250A	1247.00	2.200	2	2.743	5.486	
416	77B4DB470R	L45X30X4-E250A	1247.00	2.200	2	2.743	5.486	
417	77B4DB471H	10MM PLATE H-E350A	302.00 X 367.00	78.500	2	8.700	17.400	
418	77B4DB472H	10MM PLATE H-E350A	190.00 X 467.00	78.500	4	6.965	27.860	
419	77B4DB473	6MM PLATE-E250A	50.00 X 130.00	47.100	4	0.306	1.224	
420	77B4DB474	L60X60X4-E250A	3514.00	3.700	1	13.002	13.002	
421	77B4DB474A	L60X60X4-E250A	3527.00	3.700	1	13.050	13.050	
422	77B4DB475	L60X60X4-E250A	182.00	3.700	2	0.673	1.346	
423	77B4DB476	L45X30X4-E250A	1104.00	2.200	2	2.429	4.858	
424	77B4DB477H	L80X80X6H-E350A	3741.00	7.300	2	27.309	54.618	
425	77B4DB477XH	L80X80X6H-E350A	3741.00	7.300	2	27.309	54.618	
426	77B4DB478	L45X30X4-E250A	1069.00	2.200	2	2.352	4.704	
427	77B4DB479	L65X65X4-E250A	2999.00	4.000	2	11.996	23.992	
428	77B4DB480H	L45X45X4H-E350A	1450.00	2.700	4	3.915	15.660	
429	77B4DB481L	L45X45X4-E250A	2270.00	2.700	2	6.129	12.258	
430	77B4DB481R	L45X45X4-E250A	2270.00	2.700	2	6.129	12.258	
431	77B4DB482L	L45X45X4-E250A	2286.00	2.700	2	6.172	12.344	
432	77B4DB482R	L45X45X4-E250A	2286.00	2.700	2	6.172	12.344	
433	77B4DB483	6MM PLATE-E250A	110.00 X 144.00	47.100	8	0.746	5.968	
434	77B4DB484H	6MM PLATE H-E350A	110.00 X 229.00	47.100	4	1.186	4.744	
435	77B4DB485H	6MM PLATE H-E350A	110.00 X 229.00	47.100	4	1.186	4.744	
436	77B4DB486	6MM PLATE-E250A	110.00 X 229.00	47.100	4	1.186	4.744	
437	77B4DB486A	6MM PLATE-E250A	110.00 X 229.00	47.100	4	1.186	4.744	
438	77B4DB487H	L45X45X4H-E350A	1449.00	2.700	4	3.912	15.648	
439	77B4DB488H	6MM PLATE H-E350A	110.00 X 227.00	47.100	4	1.176	4.704	
440	77B4DB489H	6MM PLATE H-E350A	110.00 X 227.00	47.100	4	1.176	4.704	
441	77B4DB490	L45X45X4-E250A	1340.00	2.700	4	3.618	14.472	

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

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

Electrical Superintending Engineer
(Planning and Engineering)
Bihar State Power Transmission Company Limited
Vidyut Bh...

27.09.19

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

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBS

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	77B4DB491	6MM PLATE-E250A	110.00 X 227.00	47.100	4	1.176	4.704	
443	77B4DB492	6MM PLATE-E250A	110.00 X 227.00	47.100	4	1.176	4.704	
444	77B4DB493	L45X45X4-E250A	1278.00	2.700	4	3.451	13.804	
445	77B4DB494	6MM PLATE-E250A	110.00 X 227.00	47.100	4	1.176	4.704	
446	77B4DB495	6MM PLATE-E250A	110.00 X 229.00	47.100	4	1.186	4.744	
447	77B4DB496	L45X45X4-E250A	1172.00	2.700	4	3.164	12.656	
448	77B4DB497	6MM PLATE-E250A	110.00 X 227.00	47.100	4	1.176	4.704	
449	77B4DB498	6MM PLATE-E250A	110.00 X 229.00	47.100	4	1.186	4.744	
450	77B4DB499	6MM PLATE-E250A	110.00 X 142.00	47.100	16	0.736	11.776	
451	77B4DB500	6MM PLATE-E250A	110.00 X 144.00	47.100	16	0.746	11.936	
452	77B4DB501	6MM PLATE-E250A	110.00 X 142.00	47.100	16	0.736	11.776	
453	77B4DB502	6MM PLATE-E250A	110.00 X 142.00	47.100	16	0.736	11.776	
454	77B4DB540LH	L100X100X10H-E350A	6864.00	14.900	1	102.274	102.274	
455	77B4DB540RH	L100X100X10H-E350A	6864.00	14.900	1	102.274	102.274	
456	77B4DB541LH	L90X90X7H-E350A	6716.00	9.600	1	64.474	64.474	
457	77B4DB541RH	L90X90X7H-E350A	6716.00	9.600	1	64.474	64.474	
458	77B4DB542LH	10MM PLATE H-E350A	283.00 X 523.00	78.500	1	11.619	11.619	
459	77B4DB542RH	10MM PLATE H-E350A	283.00 X 523.00	78.500	1	11.619	11.619	
460	77B4DB543L	L45X45X4-E250A	2214.00	2.700	1	5.978	5.978	
461	77B4DB543R	L45X45X4-E250A	2214.00	2.700	1	5.978	5.978	
462	77B4DB544L	L45X45X4-E250A	1556.00	2.700	1	4.201	4.201	
463	77B4DB544R	L45X45X4-E250A	1556.00	2.700	1	4.201	4.201	
464	77B4DB545L	L45X45X4-E250A	1934.00	2.700	1	5.222	5.222	
465	77B4DB545R	L45X45X4-E250A	1934.00	2.700	1	5.222	5.222	
466	77B4DB546L	L45X30X4-E250A	1074.00	2.200	1	2.363	2.363	
467	77B4DB546R	L45X30X4-E250A	1074.00	2.200	1	2.363	2.363	
468	77B4DB547L	L45X45X4-E250A	1695.00	2.700	1	4.577	4.577	
469	77B4DB547R	L45X45X4-E250A	1695.00	2.700	1	4.577	4.577	
470	77B4DB548L	L45X30X4-E250A	593.00	2.200	1	1.305	1.305	
471	77B4DB548R	L45X30X4-E250A	593.00	2.200	1	1.305	1.305	
472	77B4DB549L	L45X45X4-E250A	263.00	2.700	1	0.710	0.710	
473	77B4DB549R	L45X45X4-E250A	263.00	2.700	1	0.710	0.710	
474	77B4DB550LH	L120X120X10H-E350A	3417.00	18.200	1	62.189	62.189	
475	77B4DB550RH	L120X120X10H-E350A	3417.00	18.200	1	62.189	62.189	

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

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)
Tamil Nadu State Power Transmission Company Limited

27.09.19

021

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

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBS

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	77B4DB551LH	L120X120X10H-E350A	4109.00	18.200	1	74.784	74.784	
477	77B4DB551RH	L120X120X10H-E350A	4109.00	18.200	1	74.784	74.784	
478	77B4DB552LH	L100X100X8H-E350A	366.00	12.100	1	4.429	4.429	
479	77B4DB552RH	L100X100X8H-E350A	366.00	12.100	1	4.429	4.429	
480	77B4DB553H	8MM PLATE H-E350A	80.00 X 366.00	62.800	4	1.839	7.356	
481	77B4DB554LH	L90X90X7H-E350A	3901.00	9.600	1	37.450	37.450	
482	77B4DB554RH	L90X90X7H-E350A	3901.00	9.600	1	37.450	37.450	
483	77B4DB555LH	L90X90X7H-E350A	3456.00	9.600	1	33.178	33.178	
484	77B4DB555RH	L90X90X7H-E350A	3456.00	9.600	1	33.178	33.178	
485	77B4DB556LH	L70X70X6H-E350A	356.00	6.300	1	2.243	2.243	
486	77B4DB556RH	L70X70X6H-E350A	356.00	6.300	1	2.243	2.243	
487	77B4DB557H	6MM PLATE H-E350A	70.00 X 356.00	47.100	4	1.174	4.696	
488	77B4DB558LH	10MM PLATE H-E350A	283.00 X 524.00	78.500	1	11.641	11.641	
489	77B4DB558RH	10MM PLATE H-E350A	283.00 X 524.00	78.500	1	11.641	11.641	
490	77B4DB559L	L50X50X4-E250A	2330.00	3.000	1	6.990	6.990	
491	77B4DB559R	L50X50X4-E250A	2330.00	3.000	1	6.990	6.990	
492	77B4DB560L	L45X45X4-E250A	1552.00	2.700	1	4.190	4.190	
493	77B4DB560R	L45X45X4-E250A	1552.00	2.700	1	4.190	4.190	
494	77B4DB561L	L45X45X4-E250A	2070.00	2.700	1	5.589	5.589	
495	77B4DB561R	L45X45X4-E250A	2070.00	2.700	1	5.589	5.589	
496	77B4DB562L	L45X30X4-E250A	1068.00	2.200	1	2.350	2.350	
497	77B4DB562R	L45X30X4-E250A	1068.00	2.200	1	2.350	2.350	
498	77B4DB563L	L45X45X4-E250A	1850.00	2.700	1	4.995	4.995	
499	77B4DB563R	L45X45X4-E250A	1850.00	2.700	1	4.995	4.995	
500	77B4DB564L	L45X30X4-E250A	585.00	2.200	1	1.287	1.287	
501	77B4DB564R	L45X30X4-E250A	585.00	2.200	1	1.287	1.287	
502	77B4DB565L	L45X45X4-E250A	238.00	2.700	1	0.643	0.643	
503	77B4DB565R	L45X45X4-E250A	238.00	2.700	1	0.643	0.643	
504	77B4DB566	L90X90X6-E250A	4300.00	8.200	1	35.260	35.260	
505	77B4DB566X	L90X90X6-E250A	4300.00	8.200	1	35.260	35.260	
506	77B4DB567	L90X90X6-E250A	3700.00	8.200	1	30.340	30.340	
507	77B4DB567X	L90X90X6-E250A	3700.00	8.200	1	30.340	30.340	
508	77B4DB568	L70X70X5-E250A	286.00	5.300	2	1.516	3.032	
509	77B4DB569	6MM PLATE-E250A	60.00 X 286.00	47.100	4	0.808	3.232	

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

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

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

27.09.19

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

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBS

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	77B4DB570	L70X70X5-E250A	4033.00	5.300	2	21.375	42.750	
511	77B4DB570X	L70X70X5-E250A	4033.00	5.300	2	21.375	42.750	
512	77B4DB571H	L45X45X4H-E350A	1533.00	2.700	1	4.139	4.139	
513	77B4DB571AH	L45X45X4H-E350A	1533.00	2.700	1	4.139	4.139	
514	77B4DB571BH	L45X45X4H-E350A	1533.00	2.700	1	4.139	4.139	
515	77B4DB571CH	L45X45X4H-E350A	1533.00	2.700	1	4.139	4.139	
516	77B4DB572H	L45X45X4H-E350A	1373.00	2.700	4	3.707	14.828	
517	77B4DB573H	6MM PLATE H-E350A	140.00 X 251.00	47.100	2	1.655	3.310	
518	77B4DB573AH	8MM PLATE H-E350A	160.00 X 186.00	62.800	2	1.869	3.738	
519	77B4DB574H	L60X60X4H-E350A	2637.00	3.700	1	9.757	9.757	
520	77B4DB574XH	L60X60X4H-E350A	2637.00	3.700	1	9.757	9.757	
521	77B4DB575H	L60X60X4H-E350A	4039.00	3.700	1	14.944	14.944	
522	77B4DB575XH	L60X60X4H-E350A	4039.00	3.700	1	14.944	14.944	
523	77B4DB576H	L60X60X4H-E350A	2709.00	3.700	1	10.023	10.023	
524	77B4DB576XH	L60X60X4H-E350A	2709.00	3.700	1	10.023	10.023	
525	77B4DB577H	L45X45X4H-E350A	1607.00	2.700	1	4.339	4.339	
526	77B4DB578H	L90X90X6H-E350A	599.00	8.200	1	4.912	4.912	
527	77B4DB579	32MM PLATE-E250A	421.00 X 512.00	251.200	1	54.147	54.147	
528	77B4DB580H	L150X150X15H-E350A	202.00	33.800	2	6.828	13.656	
529	77B4DB581H	8MM PLATE H-E350A	161.00 X 194.00	62.800	2	1.961	3.922	
530	77B4DB582H	L60X60X4H-E350A	2739.00	3.700	1	10.134	10.134	
531	77B4DB582XH	L60X60X4H-E350A	2739.00	3.700	1	10.134	10.134	
532	77B4DB583H	L60X60X5H-E350A	4112.00	4.500	1	18.504	18.504	
533	77B4DB583XH	L60X60X5H-E350A	4112.00	4.500	1	18.504	18.504	
534	77B4DB584H	L60X60X4H-E350A	2813.00	3.700	1	10.408	10.408	
535	77B4DB584XH	L60X60X4H-E350A	2813.00	3.700	1	10.408	10.408	
536	77B4DB585H	L45X45X4H-E350A	1610.00	2.700	1	4.347	4.347	
537	77B4DB586H	L90X90X6H-E350A	554.00	8.200	1	4.543	4.543	
538	77B4DB587	32MM PLATE-E250A	421.00 X 532.00	251.200	1	56.262	56.262	
539	77B4DB588H	L150X150X15H-E350A	242.00	33.800	2	8.180	16.360	
540	77B4DB589L	5MM PLATE-E250A	110.00 X 166.00	39.250	1	0.717	0.717	
541	77B4DB589R	5MM PLATE-E250A	110.00 X 166.00	39.250	1	0.717	0.717	
542	77B4DB590	L45X45X4-E250A	2549.00	2.700	1	6.882	6.882	
543	77B4DB590A	L45X45X4-E250A	2549.00	2.700	1	6.882	6.882	

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

APPROVED
Subject to the condition that you are not absolve
[illegible] responsibility for correctness of the mate
supplied as per specification

Electrical Superintending Engineer
Planning and Engineering
Power Transmission Company Limi
Chennai-600002

27.09.19

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

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBS

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	77B4DB591	L50X50X4-E250A	3525.00	3.000	1	10.575	10.575	
545	77B4DB591X	L50X50X4-E250A	3525.00	3.000	1	10.575	10.575	
546	77B4DB592H	L50X50X4H-E350A	1999.00	3.000	1	5.997	5.997	
547	77B4DB593	L45X45X4-E250A	670.00	2.700	1	1.809	1.809	
548	77B4DB594L	5MM PLATE-E250A	110.00 X 167.00	39.250	1	0.721	0.721	
549	77B4DB594R	5MM PLATE-E250A	110.00 X 167.00	39.250	1	0.721	0.721	
550	77B4DB595	L50X50X4-E250A	2733.00	3.000	1	8.199	8.199	
551	77B4DB595A	L50X50X4-E250A	2733.00	3.000	1	8.199	8.199	
552	77B4DB596	L50X50X4-E250A	3670.00	3.000	1	11.010	11.010	
553	77B4DB596X	L50X50X4-E250A	3670.00	3.000	1	11.010	11.010	
554	77B4DB597H	L50X50X4H-E350A	1999.00	3.000	1	5.997	5.997	
555	77B4DB598	L45X45X4-E250A	625.00	2.700	1	1.688	1.688	
556	77B4DB620LH	L110X110X8H-E350A	5984.00	13.400	1	80.186	80.186	
557	77B4DB620RH	L110X110X8H-E350A	5984.00	13.400	1	80.186	80.186	
558	77B4DB621LH	L90X90X6H-E350A	5847.00	8.200	1	47.945	47.945	
559	77B4DB621RH	L90X90X6H-E350A	5847.00	8.200	1	47.945	47.945	
560	77B4DB622LH	8MM PLATE H-E350A	317.00 X 422.00	62.800	1	8.401	8.401	
561	77B4DB622RH	8MM PLATE H-E350A	317.00 X 422.00	62.800	1	8.401	8.401	
562	77B4DB623L	L45X45X4-E250A	2044.00	2.700	1	5.519	5.519	
563	77B4DB623R	L45X45X4-E250A	2044.00	2.700	1	5.519	5.519	
564	77B4DB624L	L45X45X4-E250A	1548.00	2.700	1	4.180	4.180	
565	77B4DB624R	L45X45X4-E250A	1548.00	2.700	1	4.180	4.180	
566	77B4DB625L	L45X45X4-E250A	1740.00	2.700	1	4.698	4.698	
567	77B4DB625R	L45X45X4-E250A	1740.00	2.700	1	4.698	4.698	
568	77B4DB626L	L45X30X4-E250A	1072.00	2.200	1	2.358	2.358	
569	77B4DB626R	L45X30X4-E250A	1072.00	2.200	1	2.358	2.358	
570	77B4DB627L	L45X30X4-E250A	1479.00	2.200	1	3.254	3.254	
571	77B4DB627R	L45X30X4-E250A	1479.00	2.200	1	3.254	3.254	
572	77B4DB628L	L45X30X4-E250A	597.00	2.200	1	1.313	1.313	
573	77B4DB628R	L45X30X4-E250A	597.00	2.200	1	1.313	1.313	
574	77B4DB629L	L45X45X4-E250A	293.00	2.700	1	0.791	0.791	
575	77B4DB629R	L45X45X4-E250A	293.00	2.700	1	0.791	0.791	
576	77B4DB630LH	L120X120X10H-E350A	6722.00	18.200	1	122.340	122.340	
577	77B4DB630RH	L120X120X10H-E350A	6722.00	18.200	1	122.340	122.340	

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

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

Electrical Superintending Engineer
(Planning and Engineering)
Bihar State Power Transmission Company Limited
Vidyut Bh...

27.09.19

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

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBS

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	77B4DB631LH	L90X90X6H-E350A	6559.00	8.200	1	53.784	53.784	
579	77B4DB631RH	L90X90X6H-E350A	6559.00	8.200	1	53.784	53.784	
580	77B4DB632LH	8MM PLATE H-E350A	317.00 X 426.00	62.800	1	8.481	8.481	
581	77B4DB632RH	8MM PLATE H-E350A	317.00 X 426.00	62.800	1	8.481	8.481	
582	77B4DB633L	L50X50X4-E250A	2166.00	3.000	1	6.498	6.498	
583	77B4DB633R	L50X50X4-E250A	2166.00	3.000	1	6.498	6.498	
584	77B4DB634L	L45X45X4-E250A	1550.00	2.700	1	4.185	4.185	
585	77B4DB634R	L45X45X4-E250A	1550.00	2.700	1	4.185	4.185	
586	77B4DB635L	L45X45X4-E250A	1884.00	2.700	1	5.087	5.087	
587	77B4DB635R	L45X45X4-E250A	1884.00	2.700	1	5.087	5.087	
588	77B4DB636L	L45X30X4-E250A	1070.00	2.200	1	2.354	2.354	
589	77B4DB636R	L45X30X4-E250A	1070.00	2.200	1	2.354	2.354	
590	77B4DB637L	L45X45X4-E250A	1646.00	2.700	1	4.444	4.444	
591	77B4DB637R	L45X45X4-E250A	1646.00	2.700	1	4.444	4.444	
592	77B4DB638L	L45X30X4-E250A	591.00	2.200	1	1.300	1.300	
593	77B4DB638R	L45X30X4-E250A	591.00	2.200	1	1.300	1.300	
594	77B4DB639L	L45X45X4-E250A	259.00	2.700	1	0.699	0.699	
595	77B4DB639R	L45X45X4-E250A	259.00	2.700	1	0.699	0.699	
596	77B4DB640	L70X70X5-E250A	6316.00	5.300	1	33.475	33.475	
597	77B4DB640X	L70X70X5-E250A	6316.00	5.300	1	33.475	33.475	
598	77B4DB641	L60X60X4-E250A	3190.00	3.700	2	11.803	23.606	
599	77B4DB641X	L60X60X4-E250A	3190.00	3.700	2	11.803	23.606	
600	77B4DB642	L45X45X4-E250A	1081.00	2.700	1	2.919	2.919	
601	77B4DB642A	L45X45X4-E250A	1081.00	2.700	2	2.919	5.838	
602	77B4DB642B	L45X45X4-E250A	1081.00	2.700	1	2.919	2.919	
603	77B4DB643	L45X45X4-E250A	1210.00	2.700	1	3.267	3.267	
604	77B4DB643A	L45X45X4-E250A	1210.00	2.700	1	3.267	3.267	
605	77B4DB643B	L45X45X4-E250A	1210.00	2.700	1	3.267	3.267	
606	77B4DB643C	L45X45X4-E250A	1210.00	2.700	1	3.267	3.267	
607	77B4DB644	6MM PLATE-E250A	120.00 X 225.00	47.100	2	1.272	2.544	
608	77B4DB645H	8MM PLATE H-E350A	141.00 X 196.00	62.800	2	1.736	3.472	
609	77B4DB646H	L50X50X4H-E350A	2162.00	3.000	1	6.486	6.486	
610	77B4DB646AH	L50X50X4H-E350A	2162.00	3.000	1	6.486	6.486	
611	77B4DB647H	L55X55X4H-E350A	3260.00	3.300	1	10.758	10.758	

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

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 [illegible]

SK
27.09.19

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

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBS

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	77B4DB647XH	L55X55X4H-E350A	3260.00	3.300	1	10.758	10.758	
613	77B4DB648H	L45X45X4H-E350A	2224.00	2.700	1	6.005	6.005	
614	77B4DB648XH	L45X45X4H-E350A	2224.00	2.700	1	6.005	6.005	
615	77B4DB649	L45X45X4-E250A	1302.00	2.700	1	3.515	3.515	
616	77B4DB650H	L90X90X6H-E350A	559.00	8.200	1	4.584	4.584	
617	77B4DB651	32MM PLATE-E250A	421.00 X 512.00	251.200	1	54.147	54.147	
618	77B4DB652H	L150X150X15H-E350A	222.00	33.800	2	7.504	15.008	
619	77B4DB653H	8MM PLATE H-E350A	142.00 X 203.00	62.800	2	1.810	3.620	
620	77B4DB654H	L50X50X4H-E350A	2281.00	3.000	1	6.843	6.843	
621	77B4DB654AH	L50X50X4H-E350A	2281.00	3.000	1	6.843	6.843	
622	77B4DB655H	L55X55X4H-E350A	3348.00	3.300	1	11.048	11.048	
623	77B4DB655XH	L55X55X4H-E350A	3348.00	3.300	1	11.048	11.048	
624	77B4DB656H	L45X45X4H-E350A	2348.00	2.700	1	6.340	6.340	
625	77B4DB656XH	L45X45X4H-E350A	2348.00	2.700	1	6.340	6.340	
626	77B4DB657	L45X45X4-E250A	1312.00	2.700	1	3.542	3.542	
627	77B4DB658H	L90X90X6H-E350A	508.00	8.200	1	4.166	4.166	
628	77B4DB659	32MM PLATE-E250A	421.00 X 532.00	251.200	1	56.262	56.262	
629	77B4DB660H	L150X150X15H-E350A	242.00	33.800	2	8.180	16.360	
630	77B4DB661	5MM PLATE-E250A	110.00 X 155.00	39.250	1	0.669	0.669	
631	77B4DB662	L50X50X4-E250A	2273.00	3.000	1	6.819	6.819	
632	77B4DB662A	L50X50X4-E250A	2273.00	3.000	1	6.819	6.819	
633	77B4DB663	L45X45X4-E250A	2892.00	2.700	1	7.808	7.808	
634	77B4DB663X	L45X45X4-E250A	2892.00	2.700	1	7.808	7.808	
635	77B4DB664H	L45X45X4H-E350A	1579.00	2.700	1	4.263	4.263	
636	77B4DB665	L45X45X4-E250A	604.00	2.700	1	1.631	1.631	
637	77B4DB666	5MM PLATE-E250A	110.00 X 155.00	39.250	1	0.669	0.669	
638	77B4DB667	L50X50X4-E250A	2469.00	3.000	1	7.407	7.407	
639	77B4DB667A	L50X50X4-E250A	2469.00	3.000	1	7.407	7.407	
640	77B4DB668	L45X45X4-E250A	3067.00	2.700	1	8.281	8.281	
641	77B4DB668X	L45X45X4-E250A	3067.00	2.700	1	8.281	8.281	
642	77B4DB669H	L45X45X4H-E350A	1596.00	2.700	1	4.309	4.309	
643	77B4DB670	L45X45X4-E250A	571.00	2.700	1	1.542	1.542	
644	77B4DB700LH	L120X120X8H-E350A	5769.00	14.700	1	84.804	84.804	
645	77B4DB700RH	L120X120X8H-E350A	5769.00	14.700	1	84.804	84.804	

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

APPROVED
Subject to the condition that you are not bearer the responsibility for correctness of the materia supplied as per specification

Electrical Superintending Engineer
(Planning and Engineering)
Tamil Nadu Power Transmission Corporation Limited
Chennai-600021

27.09.19

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

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBS

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	77B4DB701LH	L100X100X6H-E350A	5661.00	9.200	1	52.081	52.081	
647	77B4DB701RH	L100X100X6H-E350A	5661.00	9.200	1	52.081	52.081	
648	77B4DB702L	L45X45X4-E250A	1996.00	2.700	1	5.389	5.389	
649	77B4DB702R	L45X45X4-E250A	1996.00	2.700	1	5.389	5.389	
650	77B4DB703L	L45X45X4-E250A	1545.00	2.700	1	4.172	4.172	
651	77B4DB703R	L45X45X4-E250A	1545.00	2.700	1	4.172	4.172	
652	77B4DB704L	L45X45X4-E250A	1687.00	2.700	1	4.555	4.555	
653	77B4DB704R	L45X45X4-E250A	1687.00	2.700	1	4.555	4.555	
654	77B4DB705L	L45X30X4-E250A	1068.00	2.200	1	2.350	2.350	
655	77B4DB705R	L45X30X4-E250A	1068.00	2.200	1	2.350	2.350	
656	77B4DB706L	L45X30X4-E250A	1424.00	2.200	1	3.133	3.133	
657	77B4DB706R	L45X30X4-E250A	1424.00	2.200	1	3.133	3.133	
658	77B4DB707L	L45X30X4-E250A	592.00	2.200	1	1.302	1.302	
659	77B4DB707R	L45X30X4-E250A	592.00	2.200	1	1.302	1.302	
660	77B4DB708L	L45X45X4-E250A	292.00	2.700	1	0.788	0.788	
661	77B4DB708R	L45X45X4-E250A	292.00	2.700	1	0.788	0.788	
662	77B4DB709LH	L130X130X10H-E350A	6539.00	19.700	1	128.818	128.818	
663	77B4DB709RH	L130X130X10H-E350A	6539.00	19.700	1	128.818	128.818	
664	77B4DB710LH	L90X90X7H-E350A	6398.00	9.600	1	61.421	61.421	
665	77B4DB710RH	L90X90X7H-E350A	6398.00	9.600	1	61.421	61.421	
666	77B4DB711L	L50X50X4-E250A	2121.00	3.000	1	6.363	6.363	
667	77B4DB711R	L50X50X4-E250A	2121.00	3.000	1	6.363	6.363	
668	77B4DB712L	L45X45X4-E250A	1548.00	2.700	1	4.180	4.180	
669	77B4DB712R	L45X45X4-E250A	1548.00	2.700	1	4.180	4.180	
670	77B4DB713L	L45X45X4-E250A	1836.00	2.700	1	4.957	4.957	
671	77B4DB713R	L45X45X4-E250A	1836.00	2.700	1	4.957	4.957	
672	77B4DB714L	L45X30X4-E250A	1069.00	2.200	1	2.352	2.352	
673	77B4DB714R	L45X30X4-E250A	1069.00	2.200	1	2.352	2.352	
674	77B4DB715L	L45X45X4-E250A	1599.00	2.700	1	4.317	4.317	
675	77B4DB715R	L45X45X4-E250A	1599.00	2.700	1	4.317	4.317	
676	77B4DB716L	L45X30X4-E250A	590.00	2.200	1	1.298	1.298	
677	77B4DB716R	L45X30X4-E250A	590.00	2.200	1	1.298	1.298	
678	77B4DB717L	L45X45X4-E250A	258.00	2.700	1	0.697	0.697	
679	77B4DB717R	L45X45X4-E250A	258.00	2.700	1	0.697	0.697	

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

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

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

27.09.19

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

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBS

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	77B4DB718H	L65X65X5H-E350A	4598.00	4.900	1	22.530	22.530	
681	77B4DB718XH	L65X65X5H-E350A	4598.00	4.900	1	22.530	22.530	
682	77B4DB719H	L55X55X4H-E350A	2317.00	3.300	4	7.646	30.584	
683	77B4DB720	L45X45X4-E250A	783.00	2.700	4	2.114	8.456	
684	77B4DB721H	6MM PLATE H-E350A	115.00 X 127.00	47.100	4	0.688	2.752	
685	77B4DB722H	6MM PLATE H-E350A	120.00 X 182.00	47.100	2	1.029	2.058	
686	77B4DB723H	6MM PLATE H-E350A	143.00 X 185.00	47.100	2	1.246	2.492	
687	77B4DB724H	L45X45X4H-E350A	1796.00	2.700	1	4.849	4.849	
688	77B4DB724XH	L45X45X4H-E350A	1796.00	2.700	1	4.849	4.849	
689	77B4DB725H	L50X50X4H-E350A	2563.00	3.000	1	7.689	7.689	
690	77B4DB725XH	L50X50X4H-E350A	2563.00	3.000	1	7.689	7.689	
691	77B4DB726H	L45X45X4H-E350A	1858.00	2.700	1	5.017	5.017	
692	77B4DB726XH	L45X45X4H-E350A	1858.00	2.700	1	5.017	5.017	
693	77B4DB727	L45X45X4-E250A	994.00	2.700	1	2.684	2.684	
694	77B4DB728H	L90X90X6H-E350A	457.00	8.200	1	3.747	3.747	
695	77B4DB729	32MM PLATE-E250A	421.00 X 532.00	251.200	1	56.262	56.262	
696	77B4DB730H	L150X150X15H-E350A	242.00	33.800	2	8.180	16.360	
697	77B4DB731H	6MM PLATE H-E350A	143.00 X 192.00	47.100	2	1.293	2.586	
698	77B4DB732H	L45X45X4H-E350A	1936.00	2.700	1	5.227	5.227	
699	77B4DB732XH	L45X45X4H-E350A	1936.00	2.700	1	5.227	5.227	
700	77B4DB733H	L50X50X4H-E350A	2674.00	3.000	1	8.022	8.022	
701	77B4DB733XH	L50X50X4H-E350A	2674.00	3.000	1	8.022	8.022	
702	77B4DB734H	L45X45X4H-E350A	2005.00	2.700	1	5.414	5.414	
703	77B4DB734XH	L45X45X4H-E350A	2005.00	2.700	1	5.414	5.414	
704	77B4DB735	L45X45X4-E250A	1012.00	2.700	1	2.732	2.732	
705	77B4DB736H	L90X90X6H-E350A	423.00	8.200	1	3.469	3.469	
706	77B4DB737	32MM PLATE-E250A	421.00 X 552.00	251.200	1	58.377	58.377	
707	77B4DB738H	L150X150X15H-E350A	262.00	33.800	2	8.856	17.712	
708	77B4DB739	L45X45X4-E250A	3053.00	2.700	1	8.243	8.243	
709	77B4DB739X	L45X45X4-E250A	3053.00	2.700	1	8.243	8.243	
710	77B4DB740	L45X45X4-E250A	2454.00	2.700	1	6.626	6.626	
711	77B4DB740X	L45X45X4-E250A	2454.00	2.700	1	6.626	6.626	
712	77B4DB741	L45X45X4-E250A	1183.00	2.700	1	3.194	3.194	
713	77B4DB742	L45X45X4-E250A	499.00	2.700	1	1.347	1.347	

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

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 Company Limited
0021

27.09.19

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

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBS

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	77B4DB743	L45X45X4-E250A	3190.00	2.700	1	8.613	8.613	
715	77B4DB743X	L45X45X4-E250A	3190.00	2.700	1	8.613	8.613	
716	77B4DB744	L45X45X4-E250A	2642.00	2.700	1	7.133	7.133	
717	77B4DB744X	L45X45X4-E250A	2642.00	2.700	1	7.133	7.133	
718	77B4DB745	L45X45X4-E250A	1186.00	2.700	1	3.202	3.202	
719	77B4DB746	L45X45X4-E250A	464.00	2.700	1	1.253	1.253	
720	77B4DB800S	L65X65X5-E250A	6761.00	4.900	1	33.129	33.129	
721	77B4DB801	L65X65X5-E250A	6761.00	4.900	1	33.129	33.129	
722	77B4DB802	L60X60X5-E250A	5696.00	4.500	1	25.632	25.632	
723	77B4DB803	L60X60X5-E250A	5696.00	4.500	1	25.632	25.632	
724	77B4DB804S	L60X60X5-E250A	3815.00	4.500	1	17.168	17.168	
725	77B4DB805	L60X60X5-E250A	3815.00	4.500	1	17.168	17.168	
726	77B4DB806S	L60X60X5-E250A	3267.00	4.500	1	14.702	14.702	
727	77B4DB807	L60X60X5-E250A	3267.00	4.500	1	14.702	14.702	
728	77B4DB808	L60X60X5-E250A	6252.00	4.500	1	28.134	28.134	
729	77B4DB809	L60X60X5-E250A	6252.00	4.500	1	28.134	28.134	
730	77B4DB810L	L60X60X5-E250A	286.00	4.500	1	1.287	1.287	
731	77B4DB810R	L60X60X5-E250A	286.00	4.500	1	1.287	1.287	
732	77B4DB811	6MM PLATE-E250A	60.00 X 286.00	47.100	4	0.808	3.232	
733	77B4DB812LH	10MM PLATE H-E350A	457.00 X 480.00	78.500	1	17.220	17.220	
734	77B4DB812RH	10MM PLATE H-E350A	457.00 X 480.00	78.500	1	17.220	17.220	
735	77B4DB813LH	10MM PLATE H-E350A	457.00 X 483.00	78.500	1	17.327	17.327	
736	77B4DB813RH	10MM PLATE H-E350A	457.00 X 483.00	78.500	1	17.327	17.327	
737	77B4DB814L	L60X60X5-E250A	2464.00	4.500	2	11.088	22.176	
738	77B4DB814R	L60X60X5-E250A	2464.00	4.500	2	11.088	22.176	
739	77B4DB815L	L90X90X6-E250A	460.00	8.200	1	3.772	3.772	
740	77B4DB815R	L90X90X6-E250A	460.00	8.200	1	3.772	3.772	
741	77B4DB816H	8MM PLATE H-E350A	242.00 X 459.00	62.800	2	6.976	13.952	
742	77B4DB817LH	L45X45X4H-E350A	1997.00	2.700	1	5.392	5.392	
743	77B4DB817RH	L45X45X4H-E350A	1997.00	2.700	1	5.392	5.392	
744	77B4DB818L	L45X45X4-E250A	1933.00	2.700	1	5.219	5.219	
745	77B4DB818R	L45X45X4-E250A	1933.00	2.700	1	5.219	5.219	
746	77B4DB819LH	L45X45X4H-E350A	1743.00	2.700	1	4.706	4.706	
747	77B4DB819RH	L45X45X4H-E350A	1743.00	2.700	1	4.706	4.706	

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

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

Electrical Superintending Engineer
(Planning and Engineering)
Tamil Nadu State Power Transmission Company Limited
Vidyut Bhawan ... 600021

SK
27.09.19

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

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBS

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	77B4DB820L	L45X45X4-E250A	1335.00	2.700	1	3.605	3.605	
749	77B4DB820R	L45X45X4-E250A	1335.00	2.700	1	3.605	3.605	
750	77B4DB821LH	L45X45X4H-E350A	1506.00	2.700	1	4.066	4.066	
751	77B4DB821RH	L45X45X4H-E350A	1506.00	2.700	1	4.066	4.066	
752	77B4DB822L	L45X30X4-E250A	740.00	2.200	1	1.628	1.628	
753	77B4DB822R	L45X30X4-E250A	740.00	2.200	1	1.628	1.628	
754	77B4DB823L	L45X45X4-E250A	286.00	2.700	1	0.772	0.772	
755	77B4DB823R	L45X45X4-E250A	286.00	2.700	1	0.772	0.772	
756	77B4DB824	8MM PLATE-E250A	277.00 X 392.00	62.800	1	6.819	6.819	
757	77B4DB825H	12MM PLATE H-E350A	200.00 X 330.00	94.200	1	6.217	6.217	
758	77B4DB826	6MM PLATE-E250A	120.00 X 129.00	47.100	1	0.729	0.729	
759	77B4DB827LH	L50X50X4H-E350A	2207.00	3.000	1	6.621	6.621	
760	77B4DB827RH	L50X50X4H-E350A	2207.00	3.000	1	6.621	6.621	
761	77B4DB828L	L45X45X4-E250A	1937.00	2.700	1	5.230	5.230	
762	77B4DB828R	L45X45X4-E250A	1937.00	2.700	1	5.230	5.230	
763	77B4DB829LH	L45X45X4H-E350A	1938.00	2.700	1	5.233	5.233	
764	77B4DB829RH	L45X45X4H-E350A	1938.00	2.700	1	5.233	5.233	
765	77B4DB830L	L45X45X4-E250A	1340.00	2.700	1	3.618	3.618	
766	77B4DB830R	L45X45X4-E250A	1340.00	2.700	1	3.618	3.618	
767	77B4DB831LH	L45X45X4H-E350A	1694.00	2.700	1	4.574	4.574	
768	77B4DB831RH	L45X45X4H-E350A	1694.00	2.700	1	4.574	4.574	
769	77B4DB832L	L45X30X4-E250A	747.00	2.200	1	1.643	1.643	
770	77B4DB832R	L45X30X4-E250A	747.00	2.200	1	1.643	1.643	
771	77B4DB833L	L45X45X4-E250A	288.00	2.700	1	0.778	0.778	
772	77B4DB833R	L45X45X4-E250A	288.00	2.700	1	0.778	0.778	
773	77B4DB834	8MM PLATE-E250A	294.00 X 387.00	62.800	1	7.145	7.145	
774	77B4DB835H	12MM PLATE H-E350A	200.00 X 330.00	94.200	1	6.217	6.217	
775	77B4DB836	6MM PLATE-E250A	120.00 X 132.00	47.100	1	0.746	0.746	
776	77B4DB837LH	8MM PLATE H-E350A	132.00 X 363.00	62.800	1	3.009	3.009	
777	77B4DB837RH	8MM PLATE H-E350A	132.00 X 363.00	62.800	1	3.009	3.009	
778	77B4DB838H	L45X45X4H-E350A	3257.00	2.700	1	8.794	8.794	
779	77B4DB838XH	L45X45X4H-E350A	3257.00	2.700	1	8.794	8.794	
780	77B4DB839H	L45X45X4H-E350A	2626.00	2.700	1	7.090	7.090	
781	77B4DB839XH	L45X45X4H-E350A	2626.00	2.700	1	7.090	7.090	

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

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

Electrical Superintending Engineer
(Planning and Engineering)
Tamil Nadu Power Transmission Company Limited
Anna Salai, Chennai-600 002.

27.09.19

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

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBS

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	77B4DB840	L45X45X4-E250A	1075.00	2.700	1	2.903	2.903	
783	77B4DB841	L45X45X4-E250A	180.00	2.700	1	0.486	0.486	
784	77B4DB842	6MM PLATE-E250A	110.00 X 110.00	47.100	1	0.570	0.570	
785	77B4DB843H	L45X45X4H-E350A	2695.00	2.700	1	7.277	7.277	
786	77B4DB843XH	L45X45X4H-E350A	2695.00	2.700	1	7.277	7.277	
787	77B4DB844	L45X45X4-E250A	2193.00	2.700	1	5.921	5.921	
788	77B4DB844X	L45X45X4-E250A	2193.00	2.700	1	5.921	5.921	
789	77B4DB845	L45X45X4-E250A	905.00	2.700	1	2.444	2.444	
790	77B4DB846	L45X45X4-E250A	188.00	2.700	1	0.508	0.508	
791	77B4DB847	6MM PLATE-E250A	110.00 X 120.00	47.100	1	0.622	0.622	
792	77B4DB848LH	8MM PLATE H-E350A	137.00 X 363.00	62.800	1	3.123	3.123	
793	77B4DB848RH	8MM PLATE H-E350A	137.00 X 363.00	62.800	1	3.123	3.123	
794	77B4DB849H	L45X45X4H-E350A	3335.00	2.700	1	9.005	9.005	
795	77B4DB849XH	L45X45X4H-E350A	3335.00	2.700	1	9.005	9.005	
796	77B4DB850H	L45X45X4H-E350A	2722.00	2.700	1	7.349	7.349	
797	77B4DB850XH	L45X45X4H-E350A	2722.00	2.700	1	7.349	7.349	
798	77B4DB851	L45X45X4-E250A	1086.00	2.700	1	2.932	2.932	
799	77B4DB852	L45X45X4-E250A	186.00	2.700	1	0.502	0.502	
800	77B4DB853	6MM PLATE-E250A	110.00 X 120.00	47.100	1	0.622	0.622	
801	77B4DB854H	L45X45X4H-E350A	2819.00	2.700	1	7.611	7.611	
802	77B4DB854XH	L45X45X4H-E350A	2819.00	2.700	1	7.611	7.611	
803	77B4DB855H	L45X45X4H-E350A	2348.00	2.700	1	6.340	6.340	
804	77B4DB855XH	L45X45X4H-E350A	2348.00	2.700	1	6.340	6.340	
805	77B4DB856	L45X45X4-E250A	905.00	2.700	1	2.444	2.444	
806	77B4DB857	L45X45X4-E250A	182.00	2.700	1	0.491	0.491	
807	77B4DB858	6MM PLATE-E250A	110.00 X 120.00	47.100	1	0.622	0.622	
808	77B4DB859	L60X60X4-E250A	3442.00	3.700	2	12.735	25.470	
809	77B4DB859X	L60X60X4-E250A	3442.00	3.700	2	12.735	25.470	
810	77B4DB860	L45X45X4-E250A	1344.00	2.700	2	3.629	7.258	
811	77B4DB860A	L45X45X4-E250A	1344.00	2.700	2	3.629	7.258	
812	77B4DB861	L45X30X4-E250A	815.00	2.200	2	1.793	3.586	
813	77B4DB861A	L45X30X4-E250A	815.00	2.200	2	1.793	3.586	
814	77B4DB862	6MM PLATE-E250A	100.00 X 108.00	47.100	4	0.509	2.036	

APPROVED
Subject to the condition that you are no absolved from the responsibility for correctness of the material supplied as per specification

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

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

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBS

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
815	77B4DB863	6MM PLATE-E250A	100.00 X 135.00	47.100	4	0.636	2.544	
816	77B4DB864	L80X80X6-E250A	2450.00	7.300	1	17.885	17.885	
817	77B4DB865	8MM PLATE-E250A	115.00 X 125.00	62.800	2	0.903	1.806	
				Total Weight :			**19409.252**	

Associated Parts

Part Code	Type of Association	Associated with	Total Weight

No Association Part

Raw Material Involved	Standard Material	Total Weight (In Kg)
BOM OF BASIC BODY FOR TOWER TYPE-"4DB" (400kV D/C QUAD)		
10MM PLATE H-E350A	HT	322.826
10MM PLATE-E250A	MS	8.772
12MM PLATE H-E350A	HT	770.236
12MM PLATE-E250A	MS	11.284
14MM PLATE H-E350A	HT	86.280
16MM PLATE-E250A	MS	24.068
2MM PLATE-E250A	MS	1.856
32MM PLATE-E250A	MS	335.457
4MM PLATE-E250A	MS	5.272
5MM PLATE-E250A	MS	47.030
6MM PLATE H-E350A	HT	141.902
6MM PLATE-E250A	MS	300.451
8MM PLATE H-E350A	HT	119.056
8MM PLATE-E250A	MS	18.182
L100X100X10H-E350A	HT	338.440
L100X100X6H-E350A	HT	104.162
L100X100X8H-E350A	HT	176.348
L110X110X8H-E350A	HT	160.372
L120X120X10H-E350A	HT	974.062
L120X120X8H-E350A	HT	441.264
L130X130X10H-E350A	HT	291.992
L130X130X12H-E350A	HT	193.452
L150X150X10H-E350A	HT	49.096

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

27.09.19

** -- Item Welded with another item
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LARSEN & TOUBRO LIMITED, CONSTRUCTION.,
979,Mount-Poonamallee Road,Manapakkam,
Tamilnadu-600089,PHONE :044-22526000,FAX :044-22526059

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBS

Order Ref: REF/LE19D023

L150X150X12H-E350A	HT	624.736
L150X150X15H-E350A	HT	95.456
L150X150X16H-E350A	HT	552.752
L200X200X15H-E350A	HT	2615.068
L45X30X4-E250A	MS	350.350
L45X45X4-E250A	MS	1467.799
L45X45X4H-E350A	HT	434.864
L50X50X4-E250A	MS	263.622
L50X50X4H-E350A	HT	83.316
L55X55X4-E250A	MS	449.472
L55X55X4H-E350A	HT	74.196
L60X60X4-E250A	MS	292.390
L60X60X4H-E350A	HT	189.711
L60X60X5-E250A	MS	218.198
L60X60X5H-E350A	HT	67.896
L65X65X4-E250A	MS	127.880
L65X65X5-E250A	MS	354.650
L65X65X5H-E350A	HT	45.060
L70X70X5-E250A	MS	155.482
L70X70X5H-E350A	HT	1337.652
L70X70X6H-E350A	HT	840.094
L75X75X6H-E350A	HT	1507.182
L80X80X6-E250A	MS	17.885
L80X80X6H-E350A	HT	184.748
L90X90X6-E250A	MS	258.856
L90X90X6H-E350A	HT	733.641
L90X90X7H-E350A	HT	1073.264
L90X90X8H-E350A	HT	71.172
Total		19409.252
HT		**14700.296**
MS		**4708.956**

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
Vidyut Bhawan, Patna-800021

27.09.19

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

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBB

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 - "4DB" (400kV D/C QUAD)							
1	PQBBB1	M16X35MM LONG (IS:12427)		0.119	1778	0.119	211.582	
2	PQBBB2	M16X40MM LONG (IS:12427)		0.126	696	0.126	87.696	
3	PQBBB3	M16X45MM LONG (IS:12427)		0.134	1054	0.134	141.236	
4	PQBBB4	M16X50MM LONG (IS:12427)		0.142	887	0.142	125.954	
5	PQBBB5	M16X55MM LONG (IS:12427)		0.150	544	0.150	81.600	
6	PQBBB9	M16X80MM LONG (IS:12427)		0.185	32	0.185	5.920	
7	PQBBB12	M16x85MM LONG (IS:12427)		0.193	64	0.193	12.352	
8	PQBBB6	M16X60MM LONG (IS:12427)		0.158	182	0.158	28.756	
9	PQBBB7	M16X65MM LONG (IS:12427)		0.164	580	0.164	95.120	
10	PQBBB8	M16X70MM LONG (IS:12427)		0.173	112	0.173	19.376	
11	PQBBB10	M16x3.5MM SPRING WASHER IS3063		0.009	5929	0.009	53.361	
12	PQBBB11	M16x175LG STEP BOLT (35OD) 2N+1SP		0.374	176	0.374	65.824	
				Total Weight :			**928.777**	

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 - "4DB" (400kV D/C QUAD)		
M16x175LG STEP BOLT(35OD) 2N+1SP		65.824
M16x3.5MM SPRING WASHER IS3063		53.361
M16X35MM LONG (IS:12427)		211.582
M16X40MM LONG (IS:12427)		87.696
M16X45MM LONG (IS:12427)		141.236
M16X50MM LONG (IS:12427)		125.954
M16X55MM LONG (IS:12427)		81.600
M16X60MM LONG (IS:12427)		28.756
M16X65MM LONG (IS:12427)		95.120

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

APPROVED
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Electrical Superintending Engineer
(Planning and Engineering)
Bihar 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

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBB

Order Ref: REF/LE19D023

M16X70MM LONG (IS:12427)	19.376
M16X80MM LONG (IS:12427)	5.920
M16x85MM LONG (IS:12427)	12.352
Total	928.777

APPROVED
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Electrical Superintending Engineer
(Planning and Engineering)
Bihar State Power Transmission Company Limited
Vidyut Bhawan, Patna-800021
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: 26-Aug-2019

BILL OF MATERIAL

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

Bom No : BOM/LE19D023/PQBBW

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 - "4DB" (400kV D/C QUAD)							
1	PQBBW2	M16x5MM ROUND PACK WASHER IS2016		0.018	38	0.018	0.684	
2	PQBBW3	M16x6MM ROUND PACK WASHER IS2016		0.021	981	0.021	20.601	
3	PQBBW5	M16x10MM ROUND PACK WASHER IS2016		0.036	116	0.036	4.176	
4	PQBBW1	M16x4MM ROUND PACK WASHER IS2016		0.014	4	0.014	0.056	
5	PQBBW4	M16x8MM ROUND PACK WASHER IS2016		0.028	43	0.028	1.204	
				Total Weight :			**26.721**	

Associated Parts

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

Raw Material Involved	Standard Material	Total Weight (In Kg)
PACK WASHERS OF BASIC BODY FOR TOWER TYPE - "4DB" (400kV D/C QUAD)		
M16x10MM ROUND PACK WASHER IS2016		4.176
M16x4MM ROUND PACK WASHER IS2016		0.056
M16x5MM ROUND PACK WASHER IS2016		0.684
M16x6MM ROUND PACK WASHER IS2016		20.601
M16x8MM ROUND PACK WASHER IS2016		1.204
	Total	26.721

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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