

LIST OF MATERIALS WITHIN APPROX. QUANTITY REQUIRED TO BE PROCURED DURING THE YEAR 2020-21.

	MATERIALS	APPROX. QUANTITY REQUIRED.	
	MATERIALS HANDING SPARES		
1	CARRYING ROLLERS	3000 NOS	
2	L TYPE ROLLERS FOR 1200MM BELT	6000 MTRS	
3	FLAT RETURN IDLER ROLLER	200 NOS	
4	L TYPE RETURN IDLER FRAME	100 NOS	
5	CARRYING ROLLER FRAME	150 NOS	
6	IMPACT ROLLER	50 NOS	
7	STEEL CORD CONVEYOR BELT	3000 MTRS	
8	NYLON NYLON CONEYOR BELT 1200MM	1000 MTR	

ELECTRICAL ITEMS

CABLE			
SL.NO.	DESCRIPTION	QTY	UNIT
1	4 x 6 sq. mm, 1.1 kV grade PVC insulated multistrand flexible copper cable.	500	Mtr.
2	3 x 4 sq. mm, 1.1 kV grade PVC insulated multistrand flexible copper cable.	2100	Mtr.
3	3 x 2.5 sq. mm, 1.1 kV grade PVC insulated multistrand flexible copper cable.	4570	Mtr.
4	3 x 1.5 sq. mm, 1.1 kV grade PVC insulated multistrand flexible copper cable.	3800	Mtr.
5	4 sq. mm, 1.1 KV grade PVC insulated multistrand single core flexible copper wire.	4620	Mtr.
6	2.5 sq. mm, 1.1 KV grade PVC insulated multistrand single core flexible copper wire.	6350	Mtr.
7	1.5 sq. mm, 1.1 KV grade PVC insulated multistrand single core flexible copper wire.	6860	Mtr.
8	1 sq. mm, 1.1 KV grade PVC insulated multistrand single core flexible copper wire.	7290	Mtr.
9	1.5 sq. mm, 1.1 KV grade PVC insulated twin twisted multistrand flexible copper wire.	1980	Mtr.
10	1 sq. mm, 1.1 KV grade PVC insulated twin twisted multistrand flexible copper wire.	3060	Mtr.
11	2 x 10 sq. mm, 1.1 KV grade flat Aluminium CTS wire.	500	Mtr.
12	2 x 6 sq. mm, 1.1 KV grade flat Aluminium CTS wire.	2690	Mtr.
13	2 x 4 sq. mm, 1.1 KV grade flat Aluminium CTS wire.	6230	Mtr.
14	2 x 2.5 sq. mm, 1.1 KV grade flat Aluminium CTS wire.	6400	Mtr.
15	4 Core x 10 sqmm. Aluminium Armoured cable, XLPE insulated PVC outer seathed, 1.1 KV grade Gavanised steel strip armoured. Confirming to IS:7098 part1 1988 with latest amendment.	3200	Mtr.
16	4 Core x 16 sqmm. Aluminium Armoured cable, XLPE insulated PVC outer seathed, 1.1 KV grade Gavanised steel strip armoured. Confirming to IS:7098 part1 1988 with latest amendment.	5300	Mtr
17	4 Core x 25 sqmm. Aluminium Armoured cable, XLPE insulated PVC outer seathed, 1.1 KV grade Gavanised steel strip armoured. Confirming to IS:7098 part1 1988 with latest amendment.	6500	Mtr
18	3½ Core x 50 sqmm. Aluminium Armoured cable, XLPE insulated PVC outer seathed, 1.1 KV grade Gavanised steel strip armoured. Confirming to IS:7098 part1 1988 with latest amendment.	4400	Mtr
19	3½ Core x 70 sqmm. Aluminium Armoured cable, XLPE insulated PVC outer seathed, 1.1 KV grade Gavanised steel strip armoured. Confirming to IS:7098 part1 1988 with latest amendment.	1700	Mtr
20	3½ Core x 95 sqmm. Aluminium Armoured cable, XLPE insulated PVC outer seathed,	3300	Mtr

	1.1 KV grade Gavanised steel strip armoured. Confirming to IS:7098 part1 1988 with latest amendment.		
21	3½ Core x 120 sqmm. Aluminium Armoured cable, XLPE insulated PVC outer seathed, 1.1 KV grade Gavanised steel strip armoured. Confirming to IS:7098 part1 1988 with latest amendment.	3600	Mtr
22	3½ Core x 185 sqmm. Aluminium Armoured cable, XLPE insulated PVC outer seathed, 1.1 KV grade Gavanised steel strip armoured. Confirming to IS:7098 part1 1988 with latest amendment.	2700	Mtr
23	3½ Core x 300 sqmm. Aluminium Armoured cable, XLPE insulated PVC outer seathed, 1.1 KV grade Gavanised steel strip armoured. Confirming to IS:7098 part1 1988 with latest amendment.	1300	Mtr
24	3½ Core x 400 sqmm. Aluminium Armoured cable, XLPE insulated PVC outer seathed, 1.1 KV grade Gavanised steel strip armoured. Confirming to IS:7098 part1 1988 with latest amendment.	1000	Mtr
25	3 Core x 70 sqmm., 11 KV(E) XLPE double round armoured FLRS aluminium cable.	1000	Mtr.
26	3 Core x 185 sqmm., 11 KV(E) XLPE double round armoured FLRS aluminium cable.	1000	Mtr.
27	3 Core x 300 sqmm., 11 KV(E) XLPE double round armoured FLRS aluminium cable.	1000	Mtr.
28	3Core X 70 sqmm 3.3 KV XLPE Armoured Aluminium Power cable	500	Mtr
29	Straight through jointing kit (Heat Shrinkable type) suitable for use with 3.5 x 300 sq. mm. 1.1 kV grade PVC/XLPE cable.	65	No.
30	Straight through jointing kit (Heat Shrinkable type) suitable for use with 3.5 x 185 sq. mm. 1.1 kV grade PVC/XLPE cable.	155	No.
31	Straight through jointing kit (Heat Shrinkable type) suitable for use with 3.5 x 120 sq. mm. 1.1 kV grade PVC/XLPE cable.	167	No.
32	Straight through jointing kit (Heat Shrinkable type) suitable for use with 3.5 x 95 sq. mm. 1.1 kV grade PVC/XLPE cable.	70	No.
33	Straight through jointing kit (Heat Shrinkable type) suitable for use with 3.5 x 70 sq. mm. 1.1 kV grade PVC/XLPE cable.	157	No.
34	Straight through jointing kit (Heat Shrinkable type) suitable for use with 3.5 x 50 sq. mm. 1.1 kV grade PVC/XLPE cable.	330	No.
35	Straight through jointing kit (Heat Shrinkable type) suitable for use with 4 x 25 sq. mm. 1.1 kV grade PVC/XLPE cable.	370	No.
36	Straight through jointing kit (Heat Shrinkable type) suitable for use with 4 x 16 sq. mm. 1.1 kV grade PVC/XLPE cable.	220	No.
37	Straight through jointing kit (Heat Shrinkable type) suitable for use with 4 x 10 sq. mm. 1.1 kV grade PVC/XLPE cable.	3	No.

01	Transformer Oil	3000	LTRS
----	-----------------	------	------

	LUMANARIES		
01	250 Watt HPSV Tubular Lamp (Screw type	250	No.
02	400 Watt HPSV Tubular Lamp (Screw type).	3000	No.
03	400 Watt Metal Hallide Lamp (Screw type).	330	No.
04	Screw type holder for 400 Watt HPSV / MH Tubular lamp.	620	No.
05	250 Watt HPSV Copper Choke	220	No.
06	400 Watt HPSV / MH Copper Choke	3150	No.
07	70 W to 400 W Ignitor (Suitable for fixing in all type of fittings)	1600	No.

08	50 Watt, LED Flood light fitting, Colour: Green having IP-66 or above degree of protection, complete with inbuilt LED lamp and aluminium housing.	70	No.
09	50 Watt, LED Flood light fitting, Colour: Blue having IP-66 or above degree of protection, complete with inbuilt LED lamp and aluminium housing.	60	No.
10	50 Watt, LED Flood light fitting, Colour: Red having IP-66 or above degree of protection, complete with inbuilt LED lamp and aluminium housing.	60	No.
11	60 Watt LED Street light fittings with inbuilt LED lamps	100	No.
12	90 Watt LED Street light fittings with inbuilt LED lamps	145	No.
13	120 Watt LED Street light fittings with inbuilt LED lamps	130	No.
14	150 Watt LED flood light fittings with inbuilt LED lamp, Square / Rectangular type.	40	No.
15	300 Watt LED flood light fittings with inbuilt LED lamp, Square / Rectangular type.	90	No.
16	4' x 36/40 watt LED Batten light fitting with inbuilt LED lamp.	160	No.
17	30/40 Watt LED Post top light, IP-65 or above protection, resistant to impact & corrosion, glare free and better uniformity, made of cast aluminium spigot housing with decorative opal poly carborate.	70	No.
18	10 watt LED Bollard decorative light fittings, IP-65 Protection, Aluminium casting with acrylic diffuser, Height-900-1000mm.	65	No.
19	4' x 18/20 watt LED Batten Light fitting with inbuilt LED lamp.	1760	No.
20	4' x 18 watt LED Batten Light (Red Colour)	100	No.
21	4' x 18 watt LED Batten Light (Blue Colour)	100	No.

Chemicals for water treatment

1	Ferric Alum Gr-II	350	MT
2	Stable Bleaching Powder Gr-I	100	MT
3	Hydrated Lime	100	MT.