

### GSC Transmission Line Material Demands for 2022-23

S/No	Description	Unit	Total Demand for STG/Deposit	Store Balance	Material in pipeline	Net demand	15 % Contingency	Proposed Requirement Rationalized	Unit Price Rs:	Total Rs:
1	132 KV Steel Type SPA	No	7	0	0	7	1	8	240000	19,200,000.00
2	132 KV Steel Type SPD	No	45	2	0	43	6	49	330000	148,500,000.00
3	132 KV Steel Type SPG	No	33	26	0	7	1	8	470000	37,600,000.00
4	EA Type Tower	No	6	2	0	4	1	5	3,800,000	19,000,000.00
5	EA+0+4 Type Tower with Extension	No	4	0	0	4	1	5	4,250,000	21,250,000.00
6	ED Type Tower	No	6	2	0	4	1	5	4,780,000.00	23,900,000.00
7	ED+0+4 Type Tower with Extension	No.	1	0	0	1	0	1	5,450,000.00	5,450,000.00
8	ED+0+8 Type Tower with Extension	No.	5	0	0	5	1	6	6,200,000.00	37,200,000.00
9	EG Type Tower	No.	2	0	0	2	0	2	5,300,000.00	10,600,000.00
10	EG+0+8 Type Tower with Extension	No.	8	1	0	7	1	8	6,740,000.00	53,920,000.00
11	ZM-I Tower (Complete)	No	189	12	139	38	6	44	1,600,000	70,400,000.00
12	3 M Extension for ZM-I Tower	No	33	2	0	31	5	36	266,000	9,576,000.00
13	ZM-30 Type Tower (Complete)	No	152	0	0	152	23	175	2,800,000	490,000,000.00
14	3 M Extension for ZM-30 Tower	No	36	0	0	36	5	41	530,000	21,730,000.00
15	ZM-60 Type Tower (Complete)	No	85	29	0	56	8	64	3,170,000	202,880,000.00
16	3 M Extension for ZM-60 Tower	No	20	6		14	2	16	650,000	10,400,000.00

17	ACSR Rail Conductor	Mtr	917106	571916	0	345190	51779	396969	1,400	555,756,600.00
18	Disc Insulator 80 KN	No	59627	7142	0	52485	7873	60358	1,500	90,537,000.00
19	MSJ for Lynex	No	20	16	0	4	1	5	4000	20,000.00
20	ST fitting for Earthwire	Set	760	146	0	614	92	706	9450	6,671,700.00
21	Repair Sleeve for Lynx	No	180	30	38	112	17	129	2,400	309,600.00
22	Mid Span Joint for Lynx	No	455	16	0	439	66	505	4,500	2,272,500.00
23	Disk Insulator for Greely Conductor	No.	1050	25	0	1025	154	1179	2,000	2,358,000.00
24	PG Connector for Greely Conductor	Nos	333	0	0	333	50	383	1,500	574,500.00
<b>TOTAL Rs.</b>										<b>1,634,805,900.00</b>
<b>In Million Rs.</b>										<b>1,634.81</b>
<b>17% GST (In Million Rs.)</b>										<b>277.92</b>
<b>G.Total (In Million Rs.)</b>										<b>1,912.72</b>

**GSC Grids Material Demands for 2022-23 PSDP**

S/No	Description	Unit	Total Demand for PSDP	Store Balance	Material in pipeline	Net demand	15 % Contingency	Proposed Requirement Rationalized	Unit Price Rs:	Total Rs:
1	132 KV Beam	No	2	0	0	2	0	2	110,000.00	220,000.00
2	132 KV Column	No	3	0	0	3	0	3	230,000.00	690,000.00
3	Control Panel CP-30	No	2	0	0	2	0	2	635,000.00	1,270,000.00
4	Relay Panel RP-3	No	2	0	0	2	0	2	982,500.00	1,965,000.00
5	Connector Type TMHH	No	12	3	0	9	1	10	13,000.00	130,000.00
6	Earth Rod (16mm dia 3M)	No	22	11	0	11	2	13	4,500.00	58,500.00
7	Earth Platform	No	6	5	0	1	0	1	35,900.00	35,900.00
8	Cartridge Type "A"	Sets	110	75	0	35	5	40	1,300.00	52,000.00
9	Mould for above	Nos	2	0	0	2	0	2	14,500.00	29,000.00
10	Cartridge Type "B"	Nos	35	20	0	15	2	17	1,700.00	28,900.00
11	Cartridge Type "C"	Nos	20	9	0	11	2	13	14,000.00	182,000.00
<b>TOTAL Rs.</b>										<b>4,661,300</b>
<b>In Million Rs.</b>										4.661
<b>17% GST (In Million Rs.)</b>										<b>0.792</b>
<b>G.Total (In Million Rs.)</b>										<b>5.454</b>

### GSC Grids Material Demands for 2022-23

S/No	Description	Unit	Total Demand for STG/ Deposit	Store Balance	Material in pipeline	Net demand	15 % Contingency	Proposed Requirement Rationalized	Unit Price Rs:	Total Rs:
1	31.5/40 MVA Power Transformer	No	4	3	0	1	0	1	109,800,000	109,800,000
2	132 KV Circuit Breaker	Set	41	3	7	31	5	36	3,400,000.00	122,400,000
3	132 KV Line CTs	No	74	23	9	42	6	48	1,100,000	52,800,000
4	132 KV Transformer CTs	No	80	43	27	10	2	12	1,150,000	13,800,000
5	132 KV Bus Isolator	Sets	80	0	36	44	7	51	1,100,000	56,100,000
6	132 KV Line Isolator	Set	52	22	18	12	2	14	1,150,000	16,100,000
7	132 KV Lighting Arrestor	No	59	38	0	21	3	24	300,000	7,200,000
8	11 KV Lighting Arrestor	No	111	5	0	106	16	122	15,000	1,830,000
9	132 KV Beam	No	25	19	0	6	1	7	110,000	770,000
10	132 KV Column	No	45	38	0	7	1	8	230,000	1,840,000
11	132 KV Earth Masts	No	19	3	0	16	2	18	138,000	2,484,000
12	11 KV Structure	No	26	9	0	17	3	20	25,000	500,000
13	Control Panel CP-30	No	46	1	29	16	2	18	635,000	11,430,000
14	Control Panel CP-50	No	35	0	21	14	2	16	620,000	9,920,000
15	Relay Panel RP-3	No	46	1	29	16	2	18	982,500	17,685,000
16	Relay Panel RP-4	No	35	0	18	17	3	20	1,014,500	20,290,000
17	Connector Type TMHH	No	477	65	66	346	52	398	13,000	5,174,000
18	Connector Type TM 75A	No	240	0	90	150	23	173	17,500	3,027,500
19	Connector Type 90BH30	No	102	53	41	8	1	9	30,000	270,000
20	Connector Type 90B75F	No	135	27	31	77	12	89	37,000	3,293,000
21	Tension String assembly for 600mm Conductor	No	186	6	0	180	27	207	13,000	2,691,000

22	Aluminium Pipe 4M Long 75mm Dia	Mtr	<b>88</b>	30	24	34	5	39	38,000	1,482,000
23	Earth Wire Tension Assembaly with G/Clamp	No	<b>344</b>	10	20	314	47	361	12,710	4,588,310
24	11 KV Post Insulator with Clamp	Mtr	<b>117</b>	4	15	98	15	113	29,000	3,277,000
25	Staton Auxiliary Panel (AC/DC)	Mtr	<b>18</b>	8	3	7	1	8	900,000	7,200,000
27	Incomming Panel 20/26 MVA	Set	<b>14</b>	7	0	7	1	8	2,800,000	22,400,000
28	Outgoing Panel 25 KA 2500 A	No	<b>160</b>	44	0	116	17	133	1,885,000	250,705,000
29	Auxiliary T/F 200 KVA	No	<b>15</b>	11	0	4	1	5	1,175,000	5,875,000
30	Earth Rod (16mm dia 3M long)	No	<b>1194</b>	62	0	1132	170	1302	4,500	5,859,000
31	Earth Platform	No	<b>192</b>	8	112	72	11	83	35,900	2,979,700
32	Grounding Conductor (95mm <sup>2</sup> )	No	<b>36525</b>	320	18000	18205	2731	20936	1,939	40,594,904
33	Cartridge Type "A"	No.	<b>4895</b>	1042	0	3853	578	4431	1,300	5,760,300
34	Mould for above	Nos	<b>124</b>	42	0	82	12	94	14,500	1,363,000
35	Cartridge Type "B"	Nos	<b>3015</b>	554	43	2418	363	2781	1,700	4,727,700
36	Mould for above	Nos	<b>101</b>	1	0	100	15	115	14,000	1,610,000

37	Cartridge Type "C"	Nos	1958	0	370	1588	238	1826	1,500	2,739,000
38	Mould for above	No.	81	37	0	44	7	51	14,000	714,000
39	4x2.5mm (Control Cable)	Mtr	34155	2620	0	31535	4730	36265	550	19,945,750
40	8x2.5mm (Control Cable)	Mtr	33890	0	0	33890	5084	38974	700	27,281,800
41	16x2.5mm (Control Cable)	Mtr	30140	0	0	30140	4521	34661	1,200	41,593,200
42	4x6.0mm (Control Cable)	Mtr	44550	0	0	44550	6683	51233	900	46,109,700
43	1000 MCM (S/C) Power Cable	Mtr	33430	576	0	32854	4928	37782	1,800	68,007,600
44	AWG (3/Core 4/0) Power Cable	Mtr	2380	1099	0	1281	192	1473	3,000	4,419,000
45	Outdoor T/Kit (1000 MCM S/Core)	No.	342	190	0	152	23	175	13,500	2,362,500
46	Indoor T/Kit (1000 MCM S/Core)	No.	411	87	0	324	49	373	9,600	3,580,800
47	11 kV Capacitor Racks with Neutral CT and Cable	Sets	9	0	0	9	1	10	1,050,000	10,500,000
48	11 kV Capacitor Panel	No.	9	0	0	9	1	10	2,445,000	24,450,000
<b>TOTAL Rs.</b>									<b>1,069,529,764</b>	
<b>In Million Rs.</b>									<b>1,069.530</b>	
<b>17% GST (In Million Rs.)</b>									<b>181.820</b>	
<b>G.Total (In Million Rs.)</b>									<b>1,251.350</b>	