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KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

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BANGALORE - 560 009.

No. CEE/T&P/SEE(T&P)/EE(P)/AEEP2/2021-22/17220-22

Date:

07 MAR 2022

CIRCULAR

Sub: Updating of S.R. of Major Works for the Month of **February-2022.**

Ref: 1. Corporate order No. B-35/2901/2002-03, dated 22.10.2003.

2. Corporate order No:KPTCL /B37 /6426 /2005-06 dated 05-10-2005.

3. Circular No:CEE(T&P) /SEE(T&P) /EE(P) /AEEP-2 /2021-22/16720 dated 24-02-2022.

In continuation to the circular cited under reference(3) and in accordance with the Corporate orders under reference(1) & (2), the updated rates(Excluding GST and F&I) of Battery Sets, Battery Chargers, Lightning Arrestors, CT, CVT, VT and Insulators for the Month of February-2022(considering IEEMA circulars of January-2022 price indices) is as enclosed as Annexure.


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Copy to:

1. The Superintending Engineer, (IT),KPTCL, Bangalore with a request to arrange to upload in the KPTCL website .
2. AEE-P2
3. MF/OC.

17220 (2130-1)
B.S. 1/18 08/3/22

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

I Battery sets & Battery Charger				
A	PLANTE TYPE	Unit	Base Price as per MWSR dated 28-05-2019 in Lakhs. (without GST & F&I)	Updated rate in Lakhs.(without GST and F&I) as on
				Feb-22
1	48V, 100AH	Set	1.25	1.41
2	48V , 200 AH	Set	2.35	2.66
3	48V , 300 AH	Set	3.39	3.83
4	48V , 400 AH	Set	5.74	6.49
5	110V, 100AH	Set	3.26	3.68
6	220V, 300AH	Set	15.78	17.84
7	220V, 645 AH for GIS	Set	45.65	51.60
B Battery Sets (Tubular)				
1	110V, 100AH	Set	2.8	3.16
2	220V. 300AH	Set	14.54	16.43
C Battery Charger				
1	48 V, 200 AH	Set	2.25	3.08
2	Suitable for 200AH (75A)	No.	4.37	5.98
3	Suitable for 400AH (100A)	No.	5.82	7.97
4	110V, 100Ah(with float cum boost battery charger working on 230V, 1 Ph AC supply as per specification)	Set	0.96	1.31
D Station Battery & Battery Charger:				
1	2 X 220V, 300Ah (with 2nos. Of float and 2nos. Of boost battery charger including control panels, change over arrangement etc, complete along with 2 separate DC Distribution Panel(Indoor) I I/C+20 O/G SFU 60A+20 O/G SFU 30A)	Set	5.49	7.52
2	2X220V, 645 AH (with 2nos. Of float and 2nos. Of float cum boost including control panel, change over arrangements etc. Complete along with separate DC distribution panel (indoor).	Set	10.35	14.17

5/3/22
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A

Sl No.	Description of Materials	Unit	Base Price as per MWSR dated 28-05-2019 in Lakhs. (without GST & F&I)	Updated rate in Lakhs (without GST and F&I) as on
				Feb-22
II Lightning Arrestors				
1	198 kV Metal Oxide type, with surge counter (Discharge Class -3)	Nos.	0.60	0.82
2	96 kV Heavy Duty Metal Oxide (Discharge Class -2 for (lines & Transformers)	Nos.	0.33	0.45
3	60kV, 10KA Normal Duty (Discharge Class - 2)	Nos.	0.19	0.26
4	30kV Normal Duty Metal Oxide (Discharge Class - 2)	Nos.	0.09	0.12
5	96kV Heavy Duty Metal Oxide (Discharge Class - 3 for Capacitor bank)	Nos.	0.35	0.48
6	60kV Normal Duty Metal Oxide (Discharge Class - 3)	Nos.	0.18	0.25
7	30kV Normal Duty Metal Oxide (Discharge Class - 3)	Nos.	0.07	0.10
8	390kV Metal Oxide type with surge counter(Discharge class-3)	Nos.	1.08	1.48
III Current Transformers with 0.2 accuracy class				
1	420kV Class, 50kA CT with ratio 3000-2000-500/1-1-1-1-1A	Nos.	6.19	7.65
2	220kV class -1200-800-600-400-300/1-1-1-1-1A	Nos.	2.30	2.84
3	110kV class - 600-400/1-1-1A (for 100MVA trans)	Nos.	1.15	1.42
4	110kV class - 200-100/1-1-1A	Nos.	0.82	1.01
5	110kV class - 400-200/1-1-1A	Nos.	0.83	1.03
6	66 kV class - 1600-1000/1-1-1A	Nos.	0.97	1.26
7	66 kV class - 1000-800-600/1-1-1A	Nos.	0.69	0.90
8	66kv class - 400-200/1-1-1A	Nos.	0.56	0.73
9	66KV class - 200-100/1-1-1A	Nos.	0.55	0.71
10	33kv class - 400-200/1-1-1A	Nos.	0.27	0.35
11	33KV class - 200-100/1-1-1A	Nos.	0.27	0.35
12	11kV NCTs 2000-1200/1-1-1A (for 31.5KA SWG)	Nos.	0.26	0.34
13	11kV NCTs 1200-800/1-1-1A (for 500MVA SWG)	Nos.	0.28	0.36
14	11kV NCTs 800-600-400/1-1-1A (for 350MVA SWG)	Nos.	0.42	0.55
15	11kV NCTs 600-300/1-1-1A (for PCVCBs upto 10MVA Transformer)	Nos.	0.41	0.53
11KV CTs Indoor/Outdoor				
16	11kV CTs-2000-1200/1-1-1A (for incomer/Bus coupler for 31.5kA SWG)	Nos.	0.34	0.44
17	11kV CTs-1200-800/1-1-1A (for incomer/Bus coupler for 500MVA SWG)	Nos.	0.20	0.26
18	11kV CTs-800-400/1-1-1A (for incomer/Bus coupler for 350MVA SWG)	Nos.	0.21	0.27
19	11kV CTs-600-400/1-1-1A (for feeders of 31.5kA SWG)	Nos.	0.27	0.35
20	11kV CTs-400-200/1-1-1A (for feeders of 500MVA SWG)	Nos.	0.24	0.31
21	11kV CTs-200-100/1-1-1A (for feeders of 350MVA SWG)	Nos.	0.24	0.31


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Sl No.	Description of Materials	Unit	Base Price as per MWSR dated 28-05-2019 in Lakhs. (without GST & F&I)	Updated rate in Lakhs(without GST and F&I) as on Feb-22
IV	Capacitive Voltage Transformers			
1	420kV class 8800pF, 5 cores	Nos.	2.55	3.09
2	245KV CVT, 8800 PF, one phase CVT with 3 secondaries.	Nos.	3.26	3.95
3	245KV CVT, 4400 PF, one phase CVT with 3 secondaries.	Nos.	1.44	1.74
V	Voltage Transformers			
1	220KV/ $\sqrt{3}$ /110V/ $\sqrt{3}$ / - 110V/ $\sqrt{3}$	Nos.	1.85	2.29
2	110kV/ $\sqrt{3}$ -/110V /- $\sqrt{3}$ - 110V/ $\sqrt{3}$ - 110V/ $\sqrt{3}$	Nos.	0.93	1.15
3	66KV/ $\sqrt{3}$ /110V/ $\sqrt{3}$ -110V /- $\sqrt{3}$ - 110V/ $\sqrt{3}$	Nos.	0.57	0.74
4	33KV/ $\sqrt{3}$ -/110V /- $\sqrt{3}$ - 110V/ $\sqrt{3}$	Nos.	0.26	0.34
5	11KV/110V - 110V(Three phase)	Nos.	0.28	0.36
6	11KV/110V - 110V(Single phase)	Nos.	0.21	0.27


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Annex

Sl No	Description of Materials	Unit	Base Price as per MWSR dated 28-05-2019 in Rs. (without GST & F&I)	Updated rate in Rs.(without GST and F&I) as on
VI	Insulators			Feb-22
1	Solid Core Insulators 220KV	Nos.	22203.61	25418.42
2	Solid Core Insulators 110KV	Nos.	9767.17	11181.34
3	Solid Core Insulators 66KV	Nos.	4403.36	5040.91
4	Solid Core Insulators 33KV	Nos.	2959.54	3388.05
5	Disc Insulator 70KN	Nos.	391.02	447.63
6	Disc Insulator 90KN	Nos.	447.54	512.34
7	Disc Insulator 120KN	Nos.	550.00	629.63
8	Disc Insulator 160KN	Nos.	779.11	891.92
9	Antifog Disc Insulator 120KN	Nos.	810.00	927.28
10	Antifog Disc Insulator 160KN	Nos.	945.00	1081.82
11	33 kV pin insulator shell with pin	Nos.	488.64	559.39
12	Pins for above	Nos.	195.21	223.47
13	Solid Core long rod Insulators 90KN	Nos.	4098.85	4692.31
14	Solid Core long rod Insulators 120KN	Nos.	17409.89	19930.63
15	Solid Core long rod Insulators 160KN	Nos.	23285.62	26657.09
16	220KV Polymer Disc Insulator	Set	6771.51	7751.94
17	110KV Polymer Disc Insulator	Set	3227.34	3694.62
18	66KV Polymer Disc Insulator	Set	2609.14	2986.91


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