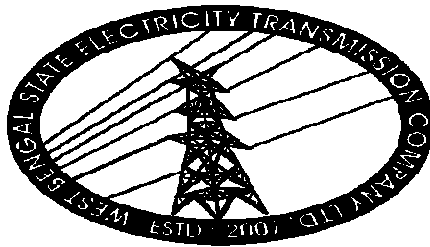


**TECHNICAL SPECIFICATION
MAKERS' LIST- 2016
(LINE)**



CHIEF ENGINEER (ENGINEERING)
WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

MAKERS' LIST OF MATERIALS FOR LINE

Note :

1. Equipment and Accessories shall be Type tested within 5 Years from the date of NIT, manufactured and supplied as per relevant technical specification and subsequent amendment/clarification, if any.
2. For items not covered in the following list, suppliers approved by PGCIL during last five years shall be considered subject to fulfillment of Technical Specification requirement and relevant Standards, and approval by WBSETCL.
3. The Makers' List is approved by the M.D., WBSETCL vide his note dated 22.07.2016.

Sl.No.	Name of Equipment with makers
1.	Disc Insulator (Tr. Line upto 400 KV)
a)	M/s. Aditya Birla Insulators Ltd.
b)	M/s. BHEL
c)	<i>M/s Allied Ceramics Pvt. Ltd. - New Entry</i>
2.	Conductor (Tr. Line upto 400 KV)
a)	M/s. Apar Industries
b)	M/s. Saravathi Conductor
c)	M/s. Sterlite Industries
d)	M/s. Smita Conductor
e)	M/s Shashi Cables. Ltd.
f)	M/s Gupta Power Infrastructure Ltd.
g)	M/s. Lumino Industries Ltd.
h)	M/S Hindustan Urban Infrastructure Ltd.
i)	M/S JSK Industries Pvt. Ltd.
j)	M/s Cabcon India Pvt. Ltd. (Provisional)
3.	Hardware Fittings and Accessories (Tr. Line upto 400 KV)
a)	M/s. IAC
b)	M/s. EMI
c)	M/s. Rashtaudhyog Ltd.
d)	M/s Mosderfer India Pvt.Ltd.
e)	M/s. Asbesco India Pvt.ltd.
f)	M/s Transmission Line products Ltd
g)	M/s. Electromech & Transtech
h)	M/s KSE Electricals Ltd (upto 220KV)
i)	M/S Karamtara Engineering Pvt. Ltd.
j)	M/S Krsna Transmission Hardware Mfg. Pvt. Ltd. (Provisional)
4.	G S. Earthwire (For Tr. Lines upto 400 KV)
a)	M/S Bharat Wires Ropes
b)	M/S Ratlam Wires Pvt.Ltd
c)	M/S UIC Udyog Ltd
d)	M/S Ramsarup Industries Ltd.
e)	M/S Bedmutha Industries
f)	M/S Usha Martin
g)	<i>M/S Geekay Wires Pvt. Ltd. – New Entry</i>

5.	132 KV EHV Cable
a)	M/S Universal cables
b)	M/S Cable Corporation of India
c)	M/S KEC International Ltd.
d)	M/S KEI Industries Ltd.
e)	M/S Phelps Dodge, Thailand
f)	M/S LS Cables
g)	M/S Finolex J-Power Systems Ltd. (Provisional)
h)	M/S Brugg Cables (India) Pvt. Ltd. (Provisional)
6.	132 KV Indoor dry type termination
a)	M/s Raychem RPG
b)	M/s Nexan
c)	M/s NKT
d)	M/s. Brugg Cables, Switzerland.
e)	M/S 3M Electro & Communication India Pvt. Ltd.
f)	M/S Pfisterer Ixcosil Ltd. (Provisional)
7.	220 KV Indoor dry type termination
a)	M/s Raychem RPG
b)	M/s Nexan
c)	M/s. Brugg Cables, Switzerland.
d)	M/S Pfisterer Ixcosil Ltd. (Provisional)
8.	132 KV / 220 KV outdoor oil type termination
a)	M/s Raychem RPG
b)	M/s Nexan
c)	M/s NKT
d)	M/s ABB Kabeldon
e)	M/s G&W
f)	M/S Pfisterer Ixcosil Ltd.
g)	M/s. Brugg Cables, Switzerland.
h)	M/S 3M Electro & Communication India Pvt. Ltd.
9.	132 KV outdoor dry type termination for composite tower
a)	M/s Raychem RPG
b)	M/s NKT
c)	M/s G & W
d)	M/S Pfisterer Ixcosil Ltd. (Provisional)
10.	Long Rod Porcelain Insulator for 400/220/132 KV Transmission Line
a)	M/S Modern Insulator