2632510/2024/O/o CAO/CORE/PRYJ

केन्द्रीय रेल विद्युतीकरण संगठन
Central Organisation For Railway Electrification
1, Nawab Yusuf Road, Civil Lines, Prayagraj – 211001
Website: www.core.indianrailways.gov.in
Email: dyceemp@gmail.com

No. ELCORE/MP/OHE **Date: As signed**

All Approved Vendor for Solid Core Porcelain Insulator
(As per list attached)

Sub: Regarding development of item 25 kV Porcelain Operating rod, Post & Sectioning insulator with 1050 mm CD.

Ref: RDSO letter no.TI0LKO(OHE)/42/2020, dt- As signed.

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RDSO vide their letter under above, has issued instruction for submission of probable design regarding development of item 25 kV Porcelain Operating rod, Post & Sectioning insulator with 1050 mm CD as per RDSO specification no TI/SPC/OHE/INS/0071.

In this regard, instruction issued by RDSO is being sent for taking necessary action under intimation to this office.

This may be treated as urgent.

DA: Ref letter enclosed

24/02/24

(Kalyan Singh)
Dy Chief Electrical Engineer (MP)
CORE/Prayagraj

2632510/2024/O/o CAO/CORE/PRYJ

Government of India, Ministry of Railways
Research Designs & Standards Organisation
Manak Nagar, Lucknow– 226 011

सत्यमेव जयते

Telephone: 2465764. 42805(Off.)
Fax : 91-0522-2465764
E-mail: dti5rdso@gmail.com

RDSO-TI0LKO(OHE)/42/2020-O/o PED/TI/RDSO दिनांक/Date: As signed.

1. M/s Aditya Birla Insulators, Halol Works, P.O.- Meghasar, Halol, Panchamahal, Gujarat - 389330, India.
2. M/s Modern Insulators Ltd, Post Box No. 23 Abu Road Abu Road, Rajasthan - 307026, India.
3. M/s Insulators And Electricals Company Unit Of Huil-Mandideep, 1-8, New Industrial Area, P.B. No. 1, Mandideep Dist.-Raisen Raisen, Madhya Pradesh - 462046, India.
4. M/s Saravana Global Energy Limited, Virudhachalam Main Road PN Kuppam, Kurinjipadi Post Cuddalore District,Tamil Nadu - 607302, India.

Sub: Regarding Development of **1050mm CD** 25 kV Porcelain Post, Section & Operating Rod Insulators.

Ref: (i) CORE's letter no. ELCORE/MP/OHE dt. 16.11.2023.
(ii) ABI letter no. ABI/DO/CORE/062023 dt. 25.10.2023.
(iii) IEC letter no. IEC/CORE/ST/01 dt. 06.11.2023.
(iv) SGEL letter no. SGEL/MKTG/10-23/019 dt. 31.10.2023.
(v) MIL letter no. MIL/CORE/SVP/10/2023 dt 26.1.2023.

Vide reference (i) above, CORE has requested to RDSO for providing the drawing of **Solid Core Porcelain** operating rod, post insulator and sectioning insulator with 1050mm CD for further communication to you for developing the same.

Technical parameters/dimensions proposed by you through your letters referred at (ii) to (v) above for 1050mm CD different type porcelain insulators have been examined by this office. After examination, RDSO has proposed Core Dia & Shed Dia with tolerance as per your parameters/dimension and RDSO drawing for 850 mm CD for solid core porcelain operating rod, post insulator and sectioning insulator.

In continuation to above, you are requested to submit a probable design of Porcelain Post Operating Rod & Section Insulators with 1050 mm CD in line with RDSO's Specification No. TI/SPC/OHE/INS/0071 for Indian Railways Traction System for further development of these items. While making design following dimensional details may be considered. Appropriate/suitable increased length and weight in the probable design of above items may also be indicated in the above table.

SN	Type of Insulator (1050 mm CD)	Reference Core Dia (mm)	Reference Shed Dia (mm)	Length (mm)	Weight (kg)
1.	Post	85+5/-0	235 Max.		
2.	Operating Rod	55+5/-0	130 Max.		
3.	Section	85+2/-0	135 Max.		

यह सक्षम प्राधिकारी के अनुमोदन से जारी किया जाता है।

संलग्नक: कुछ नहीं

Digitally Signed by Girraj Kishore
(गिर्राज किशोर/Girraj Kishore) Date: 13.02.2024 20:24:40
संयुक्त निदेशक/कं.सं-I/Joint Director/TI-1 Reason: Approved
कृते महानिदेशक/कं.सं/For Director General/TI

Copy to: CAO/CORE/ALD-for kind information pl.