No.TI/CIV/GCP/09

To,
The Chief Electrical Engineer,

i) Central Railway, 2nd Floor, Parcel Office Building, CST Mumbai- 400 001.

ii) Eastern Railway, Fairlie Place, Kolkata - 700 001.

iii) Northern Railway, Baroda House, New Delhi-110 001.

iv) South Central Railway, Railinilayam, Secunderabad -500 371.

v) South Eastern Railway, Garden Reach, Kolkata 700 043.

vi) Southern Railway, Park Town, Chenni-600003.

vii) Western Railway, Churchgate, Mumbai - 400 020.

viii) East Coast Rly, B-2, BDA Rental Colony, Chandreshkharpur, Bhubaneswar 751016.

ix) East Central Railway, Hajipur (Bihar) 844 101.

x) North Central Railway, Block-A. Subedarganj Rly Station, Allahabad 211001.

xi) North Western Railway, Jaipur 302 006 (Rajasthan).

xii) South Western Railway, Hubli 580 023 (Karnataka).

xiii) West Central Railway, Jabalpur 482 008 (MP).

xiv) South East Central Railway, Bilaspur 495004 (Chattisgarh).

xv) N.E.Railway, Gorakhpur 273001 (UP).

xvi) Northeast Frontier Railway, Maligaon, Guwahati 781 011.


Sub: Corrosion Resistant Paint System for Outdoor Structure of Traction Distribution.


(ii) RDSO’s letter No TI/CIV/GCP/08 dated 22.03.2012.

RDSO developed a Specification for “Corrosion Resistant Paint System for Outdoor Structure of Traction Distribution and Traction Rolling Stock” following Railway Board’s instruction. It was approved by Railway Board, vide letter referred (i) above.

Eastern Railway, Southern Central Railway, Southern Railway, and Western Railway conducted the trial. RDSO had approved Corrosion Resistant Paint System, conforming to RDSO Specification No. TI/SPC/CIV/POR/0080(08/2008) for the application as Anti Corrosion Paint vide reference (ii) above.

Following guidelines are being issued for use/ application of said Corrosion Resistant Paint System as per RDSO Specification No.TI/SPC/CIV/POR/0080(08/2008):-

(i) Anti Corrosion Paint shall be applied on the OHE Structure primarily up to 1.5 meter height from muff to avoid Corrosion at the bottom of structure.

(ii) The Anti Corrosion Paint shall be used on rusted Structures if it is inevitable. (Para 1.1 of Specification).

(iii) Paint shall be applied over rusted surface of outdoor Galvanised Steel Structures Exposed to Atmospheric condition for several years and have started rusting. (Para 2.1 of Specification).
(iv) Masts, Structures, and other Equipments of OHE and Traction Power supply exposed to Atmosphere where Corrosion/rusting is surfacing. (Para 'D' of Annexure 'A' of Specification).

(v) Anti Corrosion Paint shall be applied over the rusted cantilever assembly judiciously over the rusted parts.

(vi) Paint system shall be carefully applied on the corroded surface as per the laid down safety norms of Original Equipment Manufacturer (OEM) (Para-9 of Specification).

4. Anti Corrosion Paint shall be procured as per RDSO specification mentioned above.

While going through Works Contract, Open Tender shall be invited to explore the market and obtain competitive rates.

It has the approval of competent authority.

(Ranjan Srivastava)
For Director General(TI)

Copy to: The Secretary (Railway Electrification), Railway Board, Rail Bhavan, New Delhi- 110 001-for kind information.