

GOVERNMENT OF INDIA: MINISTRY OF RAILWAYS
RESEARCH DESIGNS & STANDARDS ORGANISATION
MANAK NAGAR, LUCKNOW – 226 011.

(S&T Directorate)

EXPRESSION OF INTEREST

RDSO is the sole Research Design and Standards Organisation of Indian Railways, dedicated to Create & adopt technology solutions for Indian Railways. Signal & Telecom Directorate of RDSO is engaged in design, development and introduction of appropriate technology for equipment related to S&T System. The Directorate is involved in evolving designs & standards to improve the reliability & availability of Signalling and Telecommunication system of Indian Railways.

Ministry of Railways, Research Designs and Standards Organisation (RDSO), Lucknow is interested for developing of more vendors for the following items **for use in Signal and Telecommunication (S&T) installations of Railway.**

SN	Description and/or specification/Sub item ID	Related Dte.	Last date/ Submission date	Officials name and mobile no
1	Relays 3-Position DC Polarized, 3 PPR, 77 Ohm (Metal to Metal)(IRS:S-31/80 (Amd.1)/ 3100057001	Signal	Open ended	Ved Prakash (Director /Sig-I) 9794863301
2	Universal Fail safe Block Interface (IRS: S-104/ 2012 Ver.0)/ 3100245001	Signal	Open ended	Triambak Tiwari (Director/Sig-II) 9794863310
3	Battery Charger For Railway S&T Installations : 51 to 100 Amp (IRS:S-86/2000(Amd. 4))/ 3100313004	Signal	Open ended	Chitrarth Chandra (Jt. Director/Sig-IV) 9794863336
4	Relay - 110V AC LED ECR for LED Signal Lamp : Metal to Metal(IRS:S-46 ; Amdt.1 ; STS/E/Relays/AC Lit LED Signal/09-2002 Amdt.- 1)/ 3100437008	Signal	Open ended	Ved Prakash (Director /Sig-I) 9794863301
5	RELAYS : Point contactor unit (IRS:S-46 ; Amdt.1 ; Firm's Spec)/ 3100437009	Signal	Open ended	Ved Prakash (Director /Sig-I) 9794863301
6	SSBPAC (DIGITAL) For Double Line and Single Line (RDSO/SPN/175/2005 Ver-1)/ 3100006002	Signal	Open ended	Triambak Tiwari (Director/Sig-II) 9794863310
7	Valve Regulated (Sealed) Lead Acid Stationary Battery For Railway S&T Installations:80AH (IRS:S-93/96(A) (Amd. 1)/ 3100158009	Signal	Open ended	Chitrarth Chandra (Jt. Director/Sig-IV) 9794863336
8	Battery Charger For Railway S&T Installations : Up to 80 Amp(IRS:S-86/2000(Amd. 4))/ 3100313005	Signal	Open ended	Chitrarth Chandra (Jt. Director/Sig-IV) 9794863336

9	RELAYS - Miniature, Plug in Type, M to C, Thermal Time Element Relay, Style QCJ1, 2F-1B Contact, 24 V DC, Code AFGHK (<u>BRS:937A ; IRS S 34 ; IRS S 23</u>)/ 3100385009	Signal	Open ended	Ved Prakash (Director /Sig-I) 9794863301
10	RELAYS - Miniature, Plug in Type, M to C, Tractive Armature, NON ACI, DC Biased Line Relay, Style QB3, 12 V DC, 4F-2B Contact, Code ABFGX(<u>PTJ/QB3,STS/E/Relays/Podanur(PI) dtd 11/03 & 15/05/91&IRS:S23,34&60</u>)/ 3100385015	Signal	Open ended	Ved Prakash (Director /Sig-I) 9794863301
11	Relays : Special Type, WKR2 (Metal to Metal)(<u>IRS:S-46 with Amdt.1 ; firm?s specn , IRS S 23-88 ; IRS S 34-68</u>)/ 3100437004	Signal	Open ended	Ved Prakash (Director /Sig-I) 9794863301
12	Relays - Special Type, Double wound DC Neutral Line Relay (Metal to Metal) (<u>IRS:S-46 with Amdt.1 ; firm?s specn , IRS S 23-88 ; IRS S 34-68</u>)/ 3100437005	Signal	Open ended	Ved Prakash (Director /Sig-I) 9794863301
13	Earth Leakage Detection and Earth Fault Localization System LEVEL 3(<u>RDSO/SPN/256/2025 Version: 2.0</u>)/ 3100010003	Signal	Open ended	Ved Prakash (Director /Sig-I) 9794863301
14	Electric Point Machine (Non-Trailable Type) with IP 67 Protection: 143 mm throw as per Drg No. RDSO/S-10800 (<u>IRS S 24- 2025 REV 3.0</u>)/ 3100088003	Signal	Open ended	Priyanka Singh (Director/Sig-V) 9794863313
15	Electric Point Machine (Non-Trailable Type) with IP 67 protection :220 mm throw and Clamp point Lock 60kg TWS As per Drg. No. RDSO/S-11000 and RDSO/S-3395 (<u>IRS S 24- 2025 REV 3.0</u>)/ 3100088004	Signal	Open ended	Priyanka Singh (Director/Sig-V) 9794863313
16	Push Button TLBI with UFSBI (<u>IRS: S-32/66 ; IRS S: 104/2012 Ver 0</u>)/ 3100148003	Signal	Open ended	Ved Prakash (Director /Sig-I) 9794863301
17	Valve Regulated (Sealed) Lead Acid Stationary Battery For Railway S&T Installations: 40 AH (<u>IRS:S-93/96(A) (Amd. 1)</u>)/ 3100158004	Signal	Open ended	Chitrarth Chandra (Jt. Director/Sig-IV) 9794863336
18	Key Lock Checking Relay with D.C. Neutral Relay, (A.C. Immunised/ Non A.C Immunished) for Railway Signalling Purposes (<u>RDSO/SPN/219/2016 Ver 1.0 with Amendment-1</u>)/ 3100230001	Signal	Open ended	Ved Prakash (Director /Sig-I) 9794863301
19	Relays-DC Neutral Line Relay, ACI, 24 V DC (Metal to Metal contact)(<u>IRS:S-46 ; Amdt.1 ; Firm?s Spec</u>)/ 3100437010	Signal	Open ended	Ved Prakash (Director /Sig-I) 9794863301

20	SMPS Based Power Plant For Indian Railways Telecom Equipments: (SMPS power Plant 48V/12.5A in (n+2) configuration with ultimate capacity of 50 Amp. for both VRLA and LMLA Batteries) (RDSO/SPN/TL/23/99 (Ver-4) (Amdt.1))/ 3100314003	Telecom	Open ended	Md. Aamir Siddiqui (Director/Tele-II) 9794863136
21	SMPS Based Power Plant For Indian Railways Telecom Equipments: SMPS power Plant 48V/25A in (n+1) Configuration with Ultimate capacity of 50 Amp suitable for VRLA (RDSO/SPN/TL/23/99 (Ver-4) (Amdt.1))/ 3100314006	Telecom	Open ended	Md. Aamir Siddiqui (Director/Tele-II) 9794863136
22	SMPS Based Power Plant For Indian Railways Telecom Equipments: SMPS power Plant 48V/50A in (n+1) Configuration with Ultimate capacity of 800 Amp suitable for VRLA and Conventional batteries (RDSO/SPN/TL/23/99 (Ver-4) (Amdt.1))/ 3100314007	Telecom	Open ended	Md. Aamir Siddiqui (Director/Tele-II) 9794863136
23	SMPS Based Power Plant For Indian Railways Telecom Equipments: SMPS power Plant 48V/50A in (n+2) Configuration with Ultimate capacity of 800 Amp suitable for VRLA and Conventional batteries (RDSO/SPN/TL/23/99 (Ver-4) (Amdt.1))/ 3100314008	Telecom	Open ended	Md. Aamir Siddiqui (Director/Tele-II) 9794863136
24	SMPS Based Power Plant For Indian Railways Telecom Equipment: SMPS power Plant 48V/12.5A in (n+2) Configuration with Ultimate capacity of 25 Amp suitable for VRLA as well as conventional batteries(RDSO/SPN/TL/23/99)/ 3100314010	Telecom	Open ended	Md. Aamir Siddiqui (Director/Tele-II) 9794863136
25	SMPS Based Power Plant For Indian Railways Telecom Equipments: (SMPS power Plant 48V/25A, with N+1 configuration ultimate capacity of 150 Amp Suitable, For both VRLA & LMLA Batteries)(RDSO/SPN/TL/23/99 (Ver-4) (Amdt.1))/ 3100314005	Telecom	Open ended	Md. Aamir Siddiqui (Director/Tele-II) 9794863136
26	Digital Walkie-Talkie set without Keypad & with or without Display (RDSO/SPN/TC/107-2018 Ver 2.1)/ 3100590002	Telecom	Open ended	Vijay Garg (Exe. Director/Tele-I) 9794863051
27	DMR Walkie-Talkie with Keypad and Display(RDSO/SPN/TC/107-2018 Ver 2.1)/ 3100590003	Telecom	Open ended	Vijay Garg (Exe. Director/Tele-I) 9794863051

28	25 W VHF Digital Radio Set (RDSO/SPN/TC/107-2018 Ver 2.1)/ 3100590004	Telecom	Open ended	Vijay Garg (Exe. Director/Tele- l) 9794863051
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Firms/Organizations who have enough experience and capabilities to manufacture above items and have ISO certificate and are interested in developing of said item are requested to apply through UVAM Portal on ireps.gov.in.