

PARTICULARS OF WORK

Name of the Work: Secunderabad Division: SC-WADI section: in-situ fusion welding of rail joints for 52kg/60kg rails by Alumino Thermic process in accordance with IRS Specification No.IRST-19-2021 with latest correction slips under Sr.DEN/West/SC section.

IRPSM NO.11.05.31.25.3.54.041

Sanction No. 139/Sr.DEN/Co-Ord-West/29-26-3100 dt. 15.05.2026

SITE: WD-SC Section

GENERAL FEATURES:

1. Manufacture & Supply of RDSO approved welding portions as per annexure-1
2. Welding by trained welder having valid competency certificate

The tender consists of ONE Schedule - Namely- A

Schedule - A: SCR-USSR 2021 items

Note: The Maintenance period for this work is 120GMT or Completion of 3 Years whichever is earlier from the date of execution of welds. (IRST19-2021)


Sr.DEN/West/SC

Special Conditions for Execution of Track works		
Sl No	Description	Applicable
A	Conditions for Execution of Track works	Yes
B	Special Conditions for Earthwork	NO
C	Painting of New Rails on Cess	NO
D	Maintenance of field-cum-site order Books	Yes
E	Specifications and Special Conditions of Contract for Deep screening of Ballast	NO
F	Conditions for Track Ballast	NO
G	Special conditions of Contract (Maintenance of Track)- Typical for the work-Safety related Track works	Yes


 Sr.DEN/West/SC

SCR Unified Standard Schedule of Rates - 2021

Annexure - I

The accessories, meeting applicable RDSO Specification No IRST/19-2020 with latest amendment, are considered integral part of AT welding portions of respective Rail section and shall be supplied free of cost as per following yardstick.

Sl.No	Description of Item	Qty to be Supplied	Remarks
1	Pre-fabricated 3 piece moulds with cake piece	**110 Units complete with every 100 Portions	1. The quantity to be supplied shall be in whole Nos in the specified ratio or part thereof. 2. **Extra quantity towards damages/ breakages etc., and the rates quoted are inclusive of this extra quantity and no extra payment will be there
2	Dry Luting Sand	3.5 Kg per portion in individual packets	
3	Single Shot crucible charge	1 No for each portion	
4	Auto tapping thimble	1 No for each portion	
5	Ignition Matches	**105 Units complete with every 100 Portions	
6	Mould shoe	1 Set per 50 Nos of Portions	
7	Mould pressure clamp	1 Set per 500 Nos of Portions	
8	Torch burner complete	1 Set per 200 Nos of Portions	
9	Torch burner Keys	1 per 500 Nos of Portions	
10	Goose neck arrangement for vaporization	1 per 500 Nos of Portions	
11	Connecting Hose pipe	1 per 1000 Nos of Portions	
12	Torch burner stand	1 per 1000 Nos of Portions	
13	Aluminium / Steel rod for thermal plugging	1 per 800 Nos of Portions	
14	Stop Watch	1 per 800 Nos of Portions	
15	Adjustment spanner	1 per 800 Nos of Portions	
16	Hot sets Chisels for emergency use	1 per 500 Nos of Portions	
17	Pliers	1 per 800 Nos of Portions	
18	Steel Wire brush	1 per 400 Nos of Portions	
19	Slag Container Bowl	1 per 500 Nos of Portions	
20	Weld Grinding Stone (Top Flexible High speed) (150x120x50/22.23) mm)	1 per 10 Nos of Portions	
21	Trimmer cutter hydraulic pressure pipe with connecting arrangement	1 pipe per 300 Portions	
22	Trimmer Cutter Blade (Fixing arrangement)	1 Set per 300 portions	
23	Rail cover	1 Set per 100 portions	
24	Hammer 1016	2 Nos per 800 portions	
25	Thermal Chalks	1 per 800 Portions	
26	10 cm Long Gauge	1 per 800 Portions	
27	1 m long Gauge	1 per 800 Portions	
28	Filler Gauge shims	1 per 800 Portions	
29	Pressure Gauge	2 Nos per 800 portions	
30	Weld Cover	1 Nos per 800 portions	