



CHENNAI METRO RAIL LIMITED

TRACK MAINTENANCE - BILL CERTIFICATION

Contract No.: TM-01-2020 dated 30-09-2020

Contract value: INR.2,37,78,750 per Annum

Billing Period From: 2024-04-01

Invoice Date: 2024-06-01

Bank Name: State bank of India

Policy No(Professional Indemnity):
550100492010000015

Validity From (CGP): 2023-09-24

Validity To (Professional Indemnity): 2024-09-24

Name of the contractor: M/s. United Rail Road Consultants Private Limited

Date of commencement of work: 2020-10-01

Billing Period To: 2024-04-30

PBG No: 0505520BG0002199

Valid upto: 2025-12-31

Amount (INR)(CGP): 11,88,938

Validity To (CGP): 2024-09-23

Name of the Work: COMPREHENSIVE MAINTENANCE OF BALLASTLESS TRACK FOR ELEVATED, UNDERGROUND AND DEPOT SECTIONS IN CORRIDOR 1,1 EXTENSION & 2.

Date of Completion: 2025-09-30

Invoice No: TN-02/24-25

Amount (INR): 30,00,000

Policy No(CGP): 550100492310000010

Amount (INR)(Professional Indemnity): 7,13,363

Validity From (Professional Indemnity): 2023-09-24

Sr.No	Description of item	Unit	Amount as per Contract	Qty Claimed	Qty Approved	Deduction	Penalty	Amount Approved	Remarks
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Item No.:1 PMS-Preventive Maintenance Services to be provided as per Part-A-Scope of work.

Preventive Maintenance

Refer

1	of Ballast less track for Elevated, Underground sections and Depot in Corridor 1 & 2 – approximately for a length of 128 TKM.	Per Month	1872799.25	1	1		31462.00	1841337	Enclosure April month plan vs actual
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Item No.:2 CMS-Corrective Maintenance Services to be provided as per Part A-Scope of Work (operated only on need basis)

1a	Renewal of 18m rails	Per Numbers	62499.05	1	1		0	62499.05	
1b	Rate over and above on 1a leading of 18m rails for every addition of 5 KM for renewal of 18m rails	Every 5km	11792.10	0	0		0		
2a	Renewal of welds	Per Location	47169.55	0	0		0		
2b	Rate over and above on 2a. Leading of 7m to 9m rails for every addition of 5 KM on renewal Welds.	Every 5km	8254.70	0	0		0		
3a	Replacement of half set of switch portion	Per Number	88443.05	0	0		0		
3b	Rate over and above on 3a. leading of half set of switch portion for every addition of 5 KM for replacement of switch portion.	Every 5km	11792.10	0	0		0		
4a	Replacement of crossing portion	Per Number	147404.7	0	0		0		
4b	Rate over and above on 4a leading of crossing for every addition of 5 KM for replacement of crossing portion.	Every 5km	11792.10	0	0		0		

5a	Renewal of Insulated Rail Joint (IRJ)	Per IRJ	47169.55	0	0		0
5b	Rate over and above on 5b leading of crossing for every addition of 5 KM for replacement of IRJ portion.	Every 5km	8254.70	0	0		0
6a	Renewal of full buffer stop assembly	Per Number	96697.75	0	0		0
6b	Rate over and above on 6a leading of buffer stops for every addition of 5 KM for replacement of buffer stops.	Every 5km	11792.10	0	0		0
7	Renewal of full wheel stop assembly	Per Number	1297.20	0	0		0
8a	Provision of Boards for Turnout /Fouling Point speed restriction/Chaining/Hectometre, etc.	Per Board	2711.70	0	0		0
8b	Curve Marking	Per Curve	6780.40	0	0		0
8c	Turnout marking	Per Turnout	6780.40	0	0		0
9	Repairing of Plinth/slab with derailment guard by GP2 including all men, materials, tools and consumables, etc.,	Per Meter	5896.05	0	0		0
10a	Renewal of Baseplate/special Baseplate with Baseplate Pads	Per Number	23584.20	0	0		0

10b	Rate over and above on 10a on renewal of extra base plates up to 5 Nos in the same location.	Per Location	5896.05	0	0	0	
11a	Renewal of check rail chairs	Per Number	29481.40	0	0	0	
11b	Rate over and above on 11a on renewal of extra check rail chairs up to 5 Nos in the same location.	Per Location	5896.05	0	0	0	
12	Anti-Corrosive Rail painting with 2 coats(each coat with 100microns) of Anti corrosive Bitumen Black paint confirming to IS 9862-1981 including all materials, man powers, lead and lift, etc., (With escalation)	Track Meter	267.95	1310	1.31	81000	
13a	Renewal of 18m check rail including drilling of holes in check rails	Per Number	47169.55	0	0	0	
13b	Rate over and above on 13a leading of 18m check rails for every addition of 5 KM for renewal of 18m check rails	Every 5km	11792.10	0	0	0	
14	Rate over Supply of Welder for Alumino Thermit weld	Per Weld	2875.00	2	2	0	5750
15	Rate for USFD testing of AT welds based on visual inspection	Per Weld	690.00	0	0	0	

1	HVN Insulator not properly seated/reversely inserted/without rib - Excluding Core cutting	Per Numbers	93.08				0		
1a	HVN Insulator not properly seated/reversely inserted/without rib - With Core cutting	Per Numbers	5754.21				0		
2	Improper seating of eccentric Bush - Excluding Core cutting	Per Numbers	100.00				0		
2a	Improper seating of eccentric Bush -With Core cutting	Per Numbers	5754.21				0		
3	Gap between Baseplate and baseplate pad - Excluding Core cutting	Per Numbers	1828.50				0		
4	Baseplate out of square - With Core cutting	Per Numbers	5754.21				0		
5	Anchor bolt bend/Nut jammed location - Excluding Core cutting	Per Numbers	236.40				0		
6	Additional Shims provided - Excluding Core cutting	Per Numbers	1828.50	60	60		0	109710	
7	Anchor Bolt insufficient height -With Core cutting	Per Numbers	5754.21				0		
8	Insulators missing location - Excluding Core cutting	Per Numbers	197.00				0		

9	Baseplate pad missing location	Per Numbers	2437.99			0	
10	Concrete slurry covered over Baseplate	Per Numbers	177.30			0	
11	Collared washer missing location	Per Numbers	279.74			0	
12	E-Clip Missing location/Not driven properly	Per Numbers	30.00			0	
13	Helical Spring Missing location - Excluding Core cutting	Per Numbers	163.18			0	
14	Rail Pad missing location	Per Numbers	561.47			0	
15	Anti-Corrosive painting on Rail corrosion location	Track Meter	245.00			0	

Item No.:3 Cumulative of Items

1	Item No.:1 PMS- Preventive Maintenance Services					1841337	
2	Item No.:2 CMS- Corrective Maintenance Services (operated only on need basis)					68249.05	
3	Item No.:3 New Item - Addendum-V					109710.00	
4	Item No.:4 Deduction						

Net Amount (₹ No. 1+₹ No. 2)

1000586

	NET AMOUNT (PANJAKEN/DRIVE)	₹ 2253311
	GST (18%)	343725
	Amount claimed by the contractor including GST	2253311
	Amount certified by the CMRL including GST	2253311

Certified that the work done and quantity mentioned above are correct as per records and registers.

	Amount Certified Upto previous bill	₹ 110625076.06
	Amount certified in current bill	₹ 2382769.63
	Cumulative Amount certified upto this month	₹ 113007845.69
Remarks		

PREPARED BY JE/TRACK	VERIFIED BY DM/TRACKS	APPROVED BY DGM/TRACKS

Date: 05/07/2024