

**KARWAR-DIVISION-ELECTRICAL/KRCL
TENDER DOCUMENT**

Tender No: KR-KW-EL-T-37-2024-RT-4

Closing Date/Time: 25/06/2026 15:00

RRM acting for and on behalf of The President of India invites E-Tenders against Tender No **KR-KW-EL-T-37-2024-RT-4** Closing Date/Time 25/06/2026 15:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

Contractors are allowed to make payments against this tender towards tender document cost and earnest money only through only payment modes available on IREPS portal like net banking, debit card, credit card etc. Manual payments through Demand draft, Banker cheque, Deposit receipts, FDR etc. are not allowed.

1. NIT HEADER

Name of Work	Design, Supply, Erection, Testing and Commissioning of 25KV, 50Hz, Single phase, Traction Over Head Equipment for proposed Sarzora station of Konkan Railway of Karwar region.		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	25/06/2026 15:00	Date Time Of Uploading Tender	10/06/2026 14:58
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	19784299.53	Tendering Section	KARWAR
Bidding Style	Single Rate for Each Schedule	Bidding Unit	
Earnest Money (Rs.)	395700.00	Validity of Offer (Days)	60
Tender Doc. Cost (Rs.)	0.00	Period of Completion	180 Days
Contract Type	Works - General	Contract Category	Expenditure
Bidding Start Date	11/06/2026		
Are JV allowed to bid	No	Number of JV Member Allowed	0
Are Consortium allowed to bid	No	Number of Consortium Member Allowed	0
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Capital (Works)

2. SCHEDULE

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () A-SCHEDULES OF RATES AND QUANTITIES FOR DESIGN, SUPPLY, ERECTION, TESTING AND COMMISSIONING OF 25KV, 50HZ, SINGLE PHASE TRACTION OVER HEAD EQUIPMENT FOR PROPOSED SARZORA STATION							19784299.53	Above/ Below/P ar
1	NS1	2.00	Per Track KM	2462.40	4924.80	AT Par	4924.80	
	Description:- Preparation of designs and drawings for Overhead Equipment, Switching Station, Sectioning diagram, Power supply diagram, Schematic diagram of Switching Stations, Traction working rule diagram and Instructions etc. required for commissioning of OHE							
2	NS2	2.00	Per Track KM	35702.00	71404.00	AT Par	71404.00	
	Description:- Submission of designs and drawings for Overhead Equipment, Switching Station, Sectioning diagram, Power supply diagram, Schematic diagram of Switching Stations, Traction working rule diagram and Instructions etc. Required for commissioning of OHE.							
3	NS3	300.00	Metre	1085.60	325680.00	AT Par	325680.00	
	Description:- Supply of Large Span wire (130 sq.mm) including its fittings and mounting arrangements with 9-Ton porcelain insulators 1050 CD.							
4	NS4	300.00	Metre	88.25	26475.00	AT Par	26475.00	
	Description:- Erection of Large Span wire (130sq.mm) including its fittings and mounting arrangements with 9-Ton porcelain insulators 1050 CD							
5	NS5	20.00	MT	152944.00	3058880.00	AT Par	3058880.00	
	Description:- Supply of all types of galvanized Steel Structures, Small Parts Steel etc.							
6	NS6	20.00	MT	4818.90	96378.00	AT Par	96378.00	
	Description:- Erection of all types of galvanized Steel Structures, Small Parts Steel etc.							
7	NS7	60.00	Each	29499.00	1769940.00	AT Par	1769940.00	

**KARWAR-DIVISION-ELECTRICAL/KRCL
TENDER DOCUMENT**

Tender No: KR-KW-EL-T-37-2024-RT-4

Closing Date/Time: 25/06/2026 15:00

		Description:- Supply of bracket assembly with insulators as per OHE plan, with Porcelain stay & bracket Insulators 1050mm CD.					
8	NS8	60.00	Each	1652.20	99132.00	AT Par	99132.00
	Description:- Erection of bracket assembly with insulators as per OHE plan, with Porcelain stay & bracket Insulators 1050mm CD						
9	NS9	80.00	cum	7108.30	568664.00	AT Par	568664.00
	Description:- Providing of concrete for Foundation and Plinth, in other than hard and Rocky soil						
10	NS10	80.00	cum	2300.00	184000.00	AT Par	184000.00
	Description:- Laying of concrete for Foundation and Plinth, in other than hard and Rocky soil						
11	NS11	6.00	Each	97351.00	584106.00	AT Par	584106.00
	Description:- Supply of regulating equipment (3 pulley type) with counter weight assembly for conventional OHE:						
12	NS12	6.00	Each	7145.70	42874.20	AT Par	42874.20
	Description:- Erection of regulating equipment (3 pulley type) with counter weight assembly for conventional OHE						
13	NS13	12.00	Each	12356.00	148272.00	AT Par	148272.00
	Description:- Erection of a guy rod assembly						
14	NS14	12.00	Each	1918.00	23016.00	AT Par	23016.00
	Description:- Erection of a guy rod assembly						
15	NS15	6.00	Each	20680.00	124080.00	AT Par	124080.00
	Description:- Supply of material for termination of double Overhead Equipment conductor with Porcelain Insulators 1050 mm CD						
16	NS16	12.00	Each	1803.40	21640.80	AT Par	21640.80
	Description:- Erection of material for termination of double Overhead Equipment conductor with Porcelain Insulators 1050 mm CD						
17	NS17	5.00	Each	114275.00	571375.00	AT Par	571375.00
	Description:- Supply of anti-creep with cadmium copper catenary wire including Porcelain insulators						
18	NS18	5.00	Each	8170.80	40854.00	AT Par	40854.00
	Description:- Erection of anti-creep with cadmium copper catenary wire including Porcelain insulators.						
19	NS19	3.00	Each	136861.00	410583.00	AT Par	410583.00
	Description:- Supply of 25 KV, S.P Isolators and with insulator with/without earth contact assembly:						
20	NS20	3.00	Each	9027.30	27081.90	AT Par	27081.90
	Description:- Erection of 25 KV, S.P Isolators and with insulator with/without earth contact assembly:						
21	NS21	4.00	Per Track KM	34639.00	138556.00	AT Par	138556.00
	Description:- Supply of a structure bond / longitudinal bond / transverse and special bond:.						
22	NS22	4.00	Per Track KM	11051.00	44204.00	AT Par	44204.00
	Description:- Erection of a structure bond/longitudinal bond/ transverse and special bond						
23	NS23	4.00	Per Track KM	71342.41	285369.64	AT Par	285369.64
	Description:- Supply and Erection of Over Head Equipment i.e.(excluding cost of supply of contact & catenary wires), contact & catenary wire, jumper wire, dropper wire, contact/catenary clips, fasteners and all other material required at turnout / overlaps / diamond crossings etc. Final checking of OHE and adjustment, inspection to be done by tower wagon for commissioning of conventional OHE						
24	NS24	4.00	MT	1093000.20	4372000.80	AT Par	4372000.80
	Description:- Supply of contact wire (HDGCC 107Sq.mm) only						
25	NS25	3.00	MT	1093000.20	3279000.60	AT Par	3279000.60
	Description:- Supply of cadmium copper catenary wire(65 Sq. mm) only						
26	NS26	13.00	Each	3865.69	50253.97	AT Par	50253.97
	Description:- Supply of earth electrode						
27	NS27	13.00	Each	1505.67	19573.71	AT Par	19573.71
	Description:- Erection of earth electrode						
	NS28	4.00	Each	132768.76	531075.04	AT Par	531075.04

**KARWAR-DIVISION-ELECTRICAL/KRCL
TENDER DOCUMENT**

Tender No: KR-KW-EL-T-37-2024-RT-4

Closing Date/Time: 25/06/2026 15:00

28	Description:- Supply of section insulator assembly with porcelain insulators 1050 mm CD and associated fittings & fasteners for OHE with Bar Insulators						
29	NS29	4.00	Each	8728.47	34913.88	AT Par	34913.88
29	Description:- Erection of section insulator assembly with porcelain insulators 1050 mm CD and associated fittings & fasteners for OHE with Bar Insulators.						
30	NS30	20.00	Each	6035.05	120701.00	AT Par	120701.00
30	Description:- Supply of 25 KV support insulators with fittings and fasteners						
31	NS31	20.00	Each	225.94	4518.80	AT Par	4518.80
31	Description:- Erection of 25 KV support insulators with fittings and fasteners						
32	NS32	100.00	Numbers	5177.85	517785.00	AT Par	517785.00
32	Description:- Supply of copper jumper with fittings and fasteners						
33	NS33	100.00	Numbers	716.29	71629.00	AT Par	71629.00
33	Description:- Erection of copper jumper with fittings and fasteners						
34	NS34	50.00	Metre	3356.40	167820.00	AT Par	167820.00
34	Description:- Supply of solid copper busbar 18 mm dia.						
35	NS35	50.00	Metre	303.27	15163.50	AT Par	15163.50
35	Description:- Erection of solid copper busbar 18 mm dia.						
36	NS36	20.00	Each	8995.64	179912.80	AT Par	179912.80
36	Description:- Supply of all types of connectors for aluminium / copper bus bar						
37	NS37	20.00	Each	122.79	2455.80	AT Par	2455.80
37	Description:- Erection of all types of connectors for aluminium /copper bus bar						
38	NS38	1.00	Set	126014.02	126014.02	AT Par	126014.02
38	Description:- Supply of 25KV/240V 10 KVA Auxiliary (LT)supply Transformers oil type with DO fuse switch, anti climbing device, pedestal insulator, copper jumper and earth electrode etc. with porcelain insulators 1050 mm CD.						
39	NS39	1.00	Set	16990.70	16990.70	AT Par	16990.70
39	Description:- Erection, oil filtration, testing & commissioning of 25KV/240V 10 KVA Auxiliary (LT) supply Transformers oil type with DO fuse switch, anti-climbing device, pedestal insulator, copper jumper and earth electrode etc. with porcelain insulators 1050 mm CD.						
40	NS40	500.00	Metre	624.39	312195.00	AT Par	312195.00
40	Description:- Supply of 1.1 KV grade LT XLPE insulated armoured, Al conductor cable, making good the damages, end termination with Al crimping sockets / lugs, provision of cable route marker, testing and commissioning etc - 2 Core 95 sqmm.						
41	NS41	500.00	Metre	99.48	49740.00	AT Par	49740.00
41	Description:- Laying of 1.1 KV grade LT XLPE insulated armoured, Al conductor cable, making good the damages, end termination with Al crimping sockets / lugs, provision of cable route marker, testing and commissioning etc - 2 Core 95 sqmm.						
42	NS42	400.00	Metre	677.14	270856.00	AT Par	270856.00
42	Description:- Excavation of cable trench & laying of cable in soil (including hard soil) of size 1200mm Depth width and refilling along with warning tape and soil etc for laying of HT cable as per latest IS						
43	NS43	1.00	Each	201231.26	201231.26	AT Par	201231.26
43	Description:- Supply erection testing and commissioning of automatic change over CLS switch panel, out door type , suitable for 3 different sources AC power, 230v single phase 50HZ in 25KV A traction system conforming to RDSO's specification No.TI/SPC/PSI/CLS/0023 or latest						
44	NS44	1.00	Each	21818.41	21818.41	AT Par	21818.41
44	Description:- Supply installation, testing and commissioning of cubical type high mast mounted, dust and vermin proof, LT control switch board conforming to IS 8326(latest version)complete with SPN MCB 63 Amps, 35 Ka fixed type (Ics =100% Icu)- 1 No copper bus bar of capacity 200Amps for 10 KVA AT						
45	NS45	20.00	cum	8293.33	165866.60	AT Par	165866.60
45	Description:- Providing of concrete for foundation and plinth in hard and rocky soil requiring chiseling / Blasting						
46	NS46	10.00	MT	3090.95	30909.50	AT Par	30909.50
46	Description:- Dismantling / erection of OHE Mast / uprights and TTU						
47	NS47	10.00	MT	3090.95	30909.50	AT Par	30909.50
47	Description:- Dismantling / erection of OHE Boom an TTB						
48	NS48	250.00	Each	900.04	225010.00	AT Par	225010.00
48	Description:- Supply of only approved make retro reflective number plate						

**KARWAR-DIVISION-ELECTRICAL/KRCL
TENDER DOCUMENT**

Tender No: KR-KW-EL-T-37-2024-RT-4

Closing Date/Time: 25/06/2026 15:00

49	NS49	250.00	Each	157.34	39335.00	AT Par	39335.00	
	Description:- Erection of approved make retro reflective number plate							
50	NS50	100.00	Kg	689.92	68992.00	AT Par	68992.00	
	Description:- Supply of hard drawn round copper wire for dropper wire diameter 5 mm as per IS 282: 192							
51	NS51	10.00	Each	19013.73	190137.30	AT Par	190137.30	
	Description:- Supply of discharge bar earthing pole assembly for 25KV AC traction specification No.ETI OHE 519 bar 87 Rev 1 make IM or similar from approved vendor							

3. ITEM BREAKUP

No item break up added

4. ELIGIBILITY CONDITIONS

Special Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Financial Eligibility Criteria: The tenderer must have minimum average annual contractual turn over of V/N or V whichever is less, where: V= Advertised value of the tender and N= Number of years prescribed for completion of work for which bids have been invited. The average annual contractual turnover shall be calculated as an average of "total contractual payments" in the previous three financial years, as per the audited balance sheet. However, in case balance sheet of the previous year is yet to be prepared/ audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover. The tenderers shall submit Certificates to this effect which may be an attested Certificate from the concerned department /client or Audited Balance Sheet duly certified by the Chartered Accountant/Certificate from Chartered Accountant duly supported by Audited Balance Sheet.	No	No	Allowed (Mandatory)

Special Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Technical Eligibility Criteria: (a) The tenderer must have successfully completed or substantially completed any one of the following categories of work(s) during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: (i) Three similar works each costing not less than the amount equal to 30% of advertised value of the tender, or (ii) Two similar works each costing not less than the amount equal to 40% of advertised value of the tender, or (iii) One similar work costing not less than the amount equal to 60% of advertised value of the tender Note for Item 4.1: Work experience certificate from private individual shall not be considered. However, in addition to work experience certificates issued by any Govt. Organization, work experience certificate issued by Public listed company having average annual turnover of 500 crore and above in last 3 (three) financial years excluding the current financial year, listed on National Stock Exchange or Bombay Stock Exchange, incorporated/registered at least 5 years prior to the date of closing of tender, shall also be considered, provided the work experience certificate has been issued by a person authorized by the public listed company to issue such certificates. In case, tenderer submits work experience certificate issued by public listed company, the tenderer shall also submit along with work experience certificate, the relevant copy of work order, bill of quantities, bill wise details of payment received duly certified by Chartered Accountant, TDS certificate for all payments received and copy of final /last bill paid by company in support of above work experience certificate. 4.1.1 Similar Nature of work: "Design, supply, installation, testing and commissioning of 25KV OHE system".	No	No	Allowed (Mandatory)

5. COMPLIANCE

Commercial-Compliance

**KARWAR-DIVISION-ELECTRICAL/KRCL
TENDER DOCUMENT**

Tender No: KR-KW-EL-T-37-2024-RT-4

Closing Date/Time: 25/06/2026 15:00

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.	No	Yes	Allowed (Optional)

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	4.1.1 Similar Nature of work: " Design, supply, installation, testing and commissioning of 25KV OHE system ".	No	No	Allowed (Mandatory)

6. Documents attached with tender

S.No.	Document Name	Document Description
1	Tenderdocument-SarzoraOHE_2.pdf	Design Supply Erection Testing and

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of GFR regarding procurement through GeM.

Signed By: SHUBHAM SINHA

Designation : REE/DEE