

**BIKANER DIVISION-GATI SHAKTI/NORTH WESTERN RLY  
TENDER DOCUMENT**

**Tender No:** SNT-GS-BKN-2025-26-04R2

**Closing Date/Time:** 17/07/2026 15:00

**CPM/GSU/BKN** acting for and on behalf of The President of India invites E-Tenders against Tender No **SNT-GS-BKN-2025-26-04R2** Closing Date/Time 17/07/2026 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.

**1. NIT HEADER**

<b>Name of Work</b>	Augmentation of facilities of Goods Shed along with the provision of CCTV at Kolayat station of Bikaner Division.		
<b>Bidding type</b>	Normal Tender		
<b>Tender Type</b>	Open	<b>Bidding System</b>	Single Packet System
<b>Tender Closing Date Time</b>	17/07/2026 15:00	<b>Date Time Of Uploading Tender</b>	22/06/2026 16:58
<b>Pre-Bid Conference Required</b>	No	<b>Pre-Bid Conference Date Time</b>	Not Applicable
<b>Advertised Value</b>	5896926.16	<b>Tendering Section</b>	GSUBKN
<b>Bidding Style</b>	Single Rate for Tender	<b>Bidding Unit</b>	Above/Below/Par
<b>Earnest Money (Rs.)</b>	117900.00	<b>Validity of Offer ( Days)</b>	60
<b>Tender Doc. Cost (Rs.)</b>	0.00	<b>Period of Completion</b>	6 Months
<b>Contract Type</b>	Works - General	<b>Contract Category</b>	Expenditure
<b>Bidding Start Date</b>	03/07/2026		
<b>Are JV allowed to bid</b>	No	<b>Number of JV Member Allowed</b>	0
<b>Are Consortium allowed to bid</b>	No	<b>Number of Consortium Member Allowed</b>	0
<b>Ranking Order For Bids</b>	Lowest to Highest	<b>Expenditure Type</b>	Capital (Works)

**2. SCHEDULE**

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule () A-SOR items</b>							1440298.01	
1	Please see Item Breakup for details.				396724.50	AT Par	396724.50	
	<b>Description:-</b> Chapter-12: Cable laying material, Cable protection, Cable execution, Jointing Kits items etc.							
2	Please see Item Breakup for details.				195101.33	AT Par	195101.33	
	<b>Description:-</b> Chapter-13: Earthing, Measuring Instruments, Multimeter, Earth Tester, Clamp meters, Fault Locators, ELD(Earth Leakage Detector) etc.							
3	Please see Item Breakup for details.				848472.18	AT Par	848472.18	
	<b>Description:-</b> Chapter- 15: Telecom items(Conference system, IPIS, OFC equipments, Control equipments, LC gate phones etc.)							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
<b>Schedule () B-NON SOR ITEM</b>							4456628.15	
1	NS1	1500.00	Metre	33.75	50625.00	AT Par	50625.00	
	<b>Description:-</b> Supply of STP (Shielded Twisted Pair)CAT 6 Cable as per RDSO Specification No RDSO/SPN/TC/65/2021 Version 6.0or latest. Inspection: Consignee Inspection							
2	NS2	2000.00	Metre	29.07	58140.00	AT Par	58140.00	
	<b>Description:-</b> Supply of Single Mode 6 Fiber Armoured Optical Fiber Cable. Make MOLEX/AMP/FINOLEX or similar. Inspection: Consignee Inspection							
3	NS3	5.00	Pair	6178.20	30891.00	AT Par	30891.00	
	<b>Description:-</b> Supply, installation, testing, wiring &commissioning of single mode Media Converter fiber to ethernet asper clause no. 16 of RDSO/SPN/TC/2021Version 6.0 or latest. Inspection: Consignee Inspection							
4	NS4	4.00	Numbers	6820.00	27280.00	AT Par	27280.00	
	<b>Description:-</b> supply, installation, testing &commissioning of 12 port FMS/LIU of12 fiber (6x2 fiber ) with connector &connecting/splicing the OFC (Pigtails and other miscellaneous material required for the work shall be supplied by the contractor). Inspection: Consignee Inspection							

**BIKANER DIVISION-GATI SHAKTI/NORTH WESTERN RLY  
TENDER DOCUMENT**

**Tender No:** SNT-GS-BKN-2025-26-04R2

**Closing Date/Time:** 17/07/2026 15:00

5	NS5	500.00	Metre	17.20	8600.00	AT Par	8600.00	
	<b>Description:-</b> Supply of PVC conduit pipe 25mm ISI marked heavy as per IS 9537 part- III1983 standards. Inspection: Consignee Inspection							
6	NS6	500.00	Metre	22.47	11235.00	AT Par	11235.00	
	<b>Description:-</b> Laying & fixing PVC conduit pipe (conduit pipe must be fixed with clamp at interval of 300mm). Inspection: Consignee Inspection							
7	NS7	2.00	Numbers	2498.00	4996.00	AT Par	4996.00	
	<b>Description:-</b> Supply of Network Ethernet LAN cable tester Tool set kit RJ45 Crystal/8p8cand crimping crimper RJ45 for CAT cable.Inspection by Consignee							
8	NS8	14.00	Numbers	1000.00	14000.00	AT Par	14000.00	
	<b>Description:-</b> Supply of single mode single fiber 1GSFP+ module compatible with the switched taken in the schedule. Inspection by Consignee							
9	NS9	8.00	Numbers	3050.00	24400.00	AT Par	24400.00	
	<b>Description:-</b> supply, installation, testing &commissioning of 6 port FMS/LIU of 6fiber (6x1 fiber ) with connector &connecting/splicing the OFC (Pigtails and other miscellaneous material required for the work shall be supplied by the contractor).Inspection by Consignee							
10	NS10	100.00	Metre	218.75	21875.00	AT Par	21875.00	
	<b>Description:-</b> Cutting of platform surface Tile/slab)for a depth of 25cm and a width of10cm and refilling/reconditioning/concreting/repairing the platform after laying HDPE pipe and cable. Cutting should be done with marble cutting machine in proper manner and restore the same as before in such a manner that aesthetic of the platform is not disturbed.							
11	NS11	500.00	Metre	10.72	5360.00	AT Par	5360.00	
	<b>Description:-</b> Laying of OFC/ STP/ power cables in conduit.							
12	NS13	1.00	Numbers	47547.99	47547.99	AT Par	47547.99	
	<b>Description:-</b> supply of Fault Diagnostic terminal asper specs - All in one desk top computer with preloaded operating system , core i5, 8400, 8GB, 1TB,DVD, 19.5 monitor with 03 years OEM onsite warranty make HP/ACER/Lenovo or other reputed make with similar or better specs.Inspection: Consignee Inspection							
13	NS14	1.00	Numbers	146135.50	146135.50	AT Par	146135.50	
	<b>Description:-</b> Supply, Installation, Testing &Commissioning of 5 KVA On Line UPS with isolation transformer as per RDSO spec no. RDSO/PE/SPEC/0023-2001(rev 0.0) amnd 2.0 or latest suitable for single phase AC input & single phase AC output, floor mounted type ofmae APC/Luminious/microte/Liebert/Numeric indicative backup time120 minutes.Inspection: Consignee Inspection							
14	NS16	22.00	Numbers	24948.00	548856.00	AT Par	548856.00	
	<b>Description:-</b> Supply, Installation, Testing &commissioning of Full HD Resolution Fixed Box type IP Colour Camera with varifocal lenses along with housing and mount with all accessories as per RDSO Specification No RDSO/SPN/TC/65/2021 Version 6.0 or latest.Inspection: RDSO Inspection							
16	NS17	8.00	Numbers	29940.00	239520.00	AT Par	239520.00	
	<b>Description:-</b> Supply, Installation, Testing &commissioning of Full HD Resolution Fixed dome type IP Colour Camera with varifocal lenses along with housing and mount with all accessories as per RDSO Specification No RDSO/SPN/TC/65/2021 Version 6.0 or latest. Inspection: RDSO Inspection							
17	NS18	1.00	Numbers	163424.90	163424.90	AT Par	163424.90	
	<b>Description:-</b> Supply of 64 channel NVRand minimum 64 TB storage(including 64 TB hard disk)as per RDSO specification no.RDSO/SPN/TC/65/2021.version-6 or latest Preparation of storage capacity calculation for recording back up days available for HD recording in NVR before supply of material. Inspection: RDSO Inspection							
18	NS19	1.00	Numbers	2915.92	2915.92	AT Par	2915.92	
	<b>Description:-</b> Installation, Testing &Commissioning of 64 Channel Network Video Recorder and64 TB storage after RAID 5/6configuration. All the accessories and fixing materials required for this installation are to be supplied by contractor within the same cost.							
19	NS20	4.00	Numbers	92828.12	371312.48	AT Par	371312.48	
	<b>Description:-</b> Supply, Installation, Testing &commissioning of Full HD Resolution PTZ (Pan, Tilt, Zoom) IP Colour Camera with varifocal lenses along with housing and mount with all accessories as per RDSO Specification No. RDSO/SPN/TC/65/2021 Version 6.0 or latest. Inspection: RDSO Inspection							
20	NS21	1.00	Numbers	179258.77	179258.77	AT Par	179258.77	
	<b>Description:-</b> Supply, Installation, Testing &Commissioning of PC Workstation hardware as per clause no. 11.0 of RDSO Spec RDSO/SPN/TC/65/2021Revision 6.0 or latest for Viewing, Monitoring and System Management with digital keyboard and loaded with Graphic User Interface Client Software Features per clause no. 18.2.0 of RDSO Spec RDSO/SPN/TC/65/ 2021 Revision6.0 or latest. Software licenses conditions as per RDSO spec Clause20.0 of RDSO Spec. RDSO/SPN/TC/65/2021 Revision 6.0 or latest. Inspection: RDSO Inspection							
	NS23	1.00	Numbers	75000.00	75000.00	AT Par	75000.00	

**BIKANER DIVISION-GATI SHAKTI/NORTH WESTERN RLY  
TENDER DOCUMENT**

**Tender No:** SNT-GS-BKN-2025-26-04R2

**Closing Date/Time:** 17/07/2026 15:00

21	<b>Description:-</b> Supply, Installation, Testing & Commissioning of Core Switch ( 20x10G SFP+ ports and additional minimum 4x10G BASE-T/SFP+ combo ports) as per RDSO Specification No RDSO/SPN/TC/65/2021 Version 6.0 or latest. (Should be listed on the TTP )Inspection: RDSO Inspection						
22	NS24	1.00	Numbers	75000.00	75000.00	AT Par	75000.00
23	<b>Description:-</b> Supply, Installation, Testing & Commissioning of Aggregate Switch (24x GE SFP ports and 4x10G SFP+) as per RDSO Specification No RDSO/SPN/TC/65/2021 Version 6.0 or latest.(Should be listed on the TTP )Inspection: RDSO Inspection						
24	NS25	15.00	Numbers	14514.78	217721.70	AT Par	217721.70
25	<b>Description:-</b> Supply, installation, testing, wiring & commissioning of Layer-2 managed Switch (8 Port 10/100 BASE-T and 2SFP 1G uplink ports) as per RDSO Specification No RDSO/SPN/TC/65/2021 Version 6.0 or latest. (Should be listed on the TTP )Inspection: RDSO Inspection						
26	NS27	2.00	Numbers	4792.00	9584.00	AT Par	9584.00
27	<b>Description:-</b> Supply & Installation of Professional19" Equipment Racks 9U make-president/HCL/ APW/Valrack with front glass door with lock and rack fixing, 2cable manager, 1 PDU with 5 sockets 20screw nuts, 12 no. fan with 500 depth& all accessories. Inspection: Consignee Inspection						
28	NS32	15.00	Numbers	7868.03	118020.45	AT Par	118020.45
29	<b>Description:-</b> Supply, erection, foundation , fixing & commissioning of Hot Dip Galvanised octagonal pole 5 Mtrs Long cofiring toIS:2629/BSEN ISO:1416 latest version. Manufacturer should be ISO certified firm. Inspection: Consignee Inspection						
30	NS33	1.00	Numbers	24840.00	24840.00	AT Par	24840.00
31	<b>Description:-</b> Supply & Installation of Professional19" Equipment Racks 36U for housing central equipment of CCTV system complete with all fittings including DC fan 48V)- 2 Nos. and AC power distribution panel (horizontal fitting)with power sockets and fuse protection(minimum 6 nos. of 230V 15A/5Acombined) and other accessories. The body should be of high quality coldrolled steel with wheel and caster arrangement, vented for doorboarders and rear doors for ventilation and reliable operation. All the accessories and fixing materials required for this installation are to be supplied by the vendor free of cost make-president/ HCL/ APW/Valrack as per spec. Inspection: Consignee Inspection						
32	NS34	10.00	Numbers	2028.65	20286.50	AT Par	20286.50
33	<b>Description:-</b> supply of OFC jointing kit 6 fiber with splicing of fiber. Inspection: Consignee Inspection						
34	NS36	1.00	Set	13056.38	13056.38	AT Par	13056.38
35	<b>Description:-</b> Supply of computer table(1200x600x750). Inspection: Consignee Inspection						
36	NS37	1.00	Numbers	131760.00	131760.00	AT Par	131760.00
37	<b>Description:-</b> Installation, wiring, networking, configuration, of all the camera with networking equipment, servers, storage device, power supply system, UPS with all required types of cables, connectors etc, supply installation of cable trays, scaffolding, nut-bots, screws, fixing material etc. This also includes supply & installation of all required electrical accessories like MCBs, small electrical extension boards with required plug points & switches. Documentation, system materials, booklets etc. and also submission of complete documents along with detailed drawing and specifications of all equipments used in this work. Anyother items which are not included in the schedule but required for smooth functioning of system to be supplied and provided by the contractor at noany additional cost.						
38	NS39	80.00	Numbers	175.32	14025.60	AT Par	14025.60
39	<b>Description:-</b> Fiber Splicing and testing of spliced joint						
40	NS40	100.00	Numbers	115.16	11516.00	AT Par	11516.00
41	<b>Description:-</b> Supply of RJ45 Patch cord Cat-6 STP, 2Mtrs long. Inspection: Consignee Inspection						
42	NS41	1.00	Numbers	12000.00	12000.00	AT Par	12000.00
43	<b>Description:-</b> Supply of surge protection devices of class B (10/350micro sec) & class C (8/20micro sec) type metal encapsulated spark gap for fire safe and fire proof operation based single phase coordinated. It should have mechanical failure indicator on L-N & N-E, pluggable device as per IEC 61643 test standard. All the accessories required for the installation. Inspection: Consignee Inspection						
44	NS42	1.00	Numbers	100.00	100.00	AT Par	100.00
45	<b>Description:-</b> installation of surge protection devices of class B (10/350 microsec) & class C(8/20micro sec). All the accessories required for the installation are to be supplied by the contractor with in same cost						
46	NS44	1.00	Numbers	14164.49	14164.49	AT Par	14164.49
47	<b>Description:-</b> Supply of Fully functionalmultipurpose Digitalkeyboard (Joystick)complete with allaccessories, compatible withP/T/Z camera as per byRDSO spec. No: RDSO/SPN/TC/65/2021 Ver6.0 or latest. Clause no. 8.0.(Inspection by RDSO).						
48	NS45	1.00	Numbers	684.62	684.62	AT Par	684.62

**BIKANER DIVISION-GATI SHAKTI/NORTH WESTERN RLY  
TENDER DOCUMENT**

**Tender No:** SNT-GS-BKN-2025-26-04R2

**Closing Date/Time:** 17/07/2026 15:00

	<b>Description:-</b> Installation, Testing & Commissioning of Digital Keyboard ( Joystick).						
	NS46	100.00	Metre	67.90	6790.00	AT Par	6790.00
36	<b>Description:-</b> Concealed wiring of cat-6 cable/telephone cable/ OFC cable in the PVC pipe/PVC channel by making groove in the wall, fixing the PVC pipe with clamps, nails and plastering and distempering make it as it was earlier as per instructions of engineer-in-charge. This includes laying and fixing of all the PVC pipes as per color insystematic way as per instruction of Rly. Engg. atsite. required for laying of all types of cables for RailNet, telephone connection etc., All the sundry items for the work has to be supplied by the contractor. Railways will supply telephone cables/Cat-6 cables and PVC pipe/channels. All the telecom cables will be drawn from the specified location, approved drawing. The payment would be made as per layout of groove made in the wall, irrespective of how many pipes (maximum three pipes) are laid and how many cables drawn through these pipes						
	NS47	1.00	Numbers	46359.39	46359.39	AT Par	46359.39
37	<b>Description:-</b> Supply & Installation of Smart Television 49 Inch . Specification : Screen Size (Inches) - 49 inch, Resolution(Pixels) - (1920 x 1080) Full HD, Number of HDMI Ports - 3, Number of USB Ports - 1, Number of Ethernet Ports - 1, Built-in Wi-fi - Yes, Wi-fi Direct - Yes. Make: LG/ SAMSUNG/SONY . Inspection: Consignee Inspection						
	NS48	1.00	Numbers	1581845.46	1581845.46	AT Par	1581845.46
38	<b>Description:-</b> Supply of GNSS based cableroute tracer kit with receiver with built in mount for GNSS receiver, 12W or higher power transmitter with >=130V Voltage boost, suitable for detecting & mapping underground cables with accuracy up to 2.5 cm, with current direction up/down arrows. Supply shall include locating receiver with RTK receiver powered by locator receiver, transmitter, compatible dual Bluetooth android phone, mobile application pre-installed in android device with 5 years subscription & PC database software access for direct map generation & download including depth data, 5 years subscription for GNSS correction service & standard accessories, per specification attached. Make/Model: Rycom Pathfinder PLDL Route locator with Trimble DA2 GNSS receiver or similar. Detailed specification as per Annexure-II. Inspection by RITES.						
	NS49	15.00	Numbers	8500.00	127500.00	AT Par	127500.00
39	<b>Description:-</b> Supply of 6U outdoor cabinet enclosure IP66 complied pole mount similar to Rackom 6UIP66 or similar. Inspection: Consignee Inspection						

**3. ITEM BREAKUP**

Schedule	Schedule A-SOR items					
Item- 1	Chapter-12: Cable laying material, Cable protection, Cable execution, Jointing Kits items etc.					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	12012200	Horizontal direction drilling/boring without damage of surface road /track using Auger Machine(HDD machine). The bore shall be upto 200 mm dia & shall be done at the depth of minimum 1200 mm from the ground level. The ground level shall be considered ignoring the bank height of the bank of the road. The length of the bore shall be minimum 4 Mtrs long. This include insertion of different dia DWC-HDPE pipe/ GI pipes coupling etc. as per direction of Engineer In charge. Note:- Pipe Supply is not covered under this item. Contactor shall provide all material required for boring and adequate nos. of labours for proper laying of cables into the bore. Cable shall be laid cautiously so that it should not get damage due to rough handling & pressure on cable. Inspection: Consignee Inspection Charges: None. Payment Terms: 100% after Execution.	Metre	150.00	1202.97	180445.50
2	12012300	Horizontal Drilling by using manual pushing method at minimum depth of 1.5 meter below the formation level of earth as per decision of Engineer in charge .Pipe Supply is not covered under this item Inspection: Consignee Inspection Charges: None. Payment Terms: 100% after Execution	Metre	50.00	122.74	6137.00
3	12012700	Supply of galvanized cable markers as per Drg.No.CSTE/NWR/SOR/15. Inspection: Consignee Inspection Charges: None. Payment Terms: 100% after Supply.	Numbers	30.00	241.28	7238.40

**BIKANER DIVISION-GATI SHAKTI/NORTH WESTERN RLY  
TENDER DOCUMENT**

**Tender No:** SNT-GS-BKN-2025-26-04R2

**Closing Date/Time:** 17/07/2026 15:00

4	12012800	Transportation at site and Fixing of galvanized cable markers as per Drg.No.CSTE/NWR/SOR/15. Inspection: Consignee Inspection Charges: None. Payment Terms: 100% after Execution	Numbers	30.00	60.32	1809.60
5	12013700	Excavation of cable trench as per cable route plan, 1.2 Mtr. deep and of 0.3 Mtr. to 0.6 Mtr. wide at bottom as per RDSO sketch No. SDO/CABLE LAYING/003 or latest alongside the track in normal (all type) soil/strata, conforming to distances as per cable route plan and refilling. This work includes clearing of route from bushes etc, covering of cable laid in trench by loose soil for a layer of 50mm thickness approximately before covering by bricks. The work shall be done as per the extant practice on North Western Railway and instructions of Railway Engineer at site. In case 1.2m depth of trench is not achievable due to site conditions, specific approval of JA grade officer will be required for each site where trench depth of 1.2m is not possible. Without the approval of JA Grade officer, no payment for trenching will be made for trench depth less than 1.2m. Inspection: Consignee Inspection Charges: None. Payment Terms: 100% after Execution( Unit is Cubic Meter)	cum	500.00	274.28	137140.00
6	12013900	Digging of cable trench 0.3 Mtrs. Deep and 0.3 Mtrs. Wide on Asphalted Platform / Road / Hard rocky area. Refilling with earth leveling of trenches & restoring the original surface of trenches.The sharp edges will be smoothened out in bottom of the chase and will be leveled properly. In hard rocky ground area , cables will be laid normally on layer of shifted earth of 0.05 mtrs thickness previously deposited at bottom of the trench and cables will be covered with layer of sand or shifted earth of 0.1 mtr thickness. In case sharp edges of rocky ground can not be protected from shifted earth then GI/ CI /PVC /DWC/ HDPE pipes will be used, if numbers of cables is small.In case number of cables are large RCC duct will be used. In isolated cases, it can be given smooth surface by using either masonry bricks or cement concrete. A row of bricks shall then be placed length wise on the top and jointed with cement mortar and layer of concrete with cement plaster shall be provided on top of the same. Note: This item in hard rocky area will be operated only where normal depth i.e.1.2 mtr is not possible and it will be decided by site engineer/unit officer incharge of work. Inspection: Consignee Inspection Charges: None. Payment Terms: 100% after Execution( Unit is Cubic Meter)	cum	100.00	503.04	50304.00

**BIKANER DIVISION-GATI SHAKTI/NORTH WESTERN RLY  
TENDER DOCUMENT**

**Tender No:** SNT-GS-BKN-2025-26-04R2

**Closing Date/Time:** 17/07/2026 15:00

7	12014100	Laying of S&T Cables of various cores/ pairs/ quads in trenches/ GI pipes/ RCC pipes/ DWC pipes/ Trunking. This also includes laying of cables in track crossings & road crossings. Item includes provision of labels of coloured plastic adhesive tapes or any other identifiable material on each cable to give the cable number at each Gantry Post/hectometer post.(Cables will be meggered before and after its laying by contractor under supervision of Railway Representative and he will submit the meggering report of each testing). Length of the cable laid includes the length of the cable coiled for termination purposes. Inspection: Consignee Inspection Charges: None. Payment Terms: 100% after Execution(unit is RM running meter)	Metre	1500.00	9.10	13650.00
					<b>Total</b>	<b>396724.50</b>
<b>Item- 2</b>	Chapter-13: Earthing, Measuring Instruments, Multimeter, Earth Tester, Clamp meters, Fault Locators, ELD(Earth Leakage Detector) etc.					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	13010300	Supply of basic material to construct unit maintenance free earth as per RDSO Specs. No RDSO/SPN/197/2008 or latest and conforming to RDSO Drg.No.SDO/ RDSO/E&B/001 dtd.19.09.08 . It consist of following: (a) Copper bonded steel electrode of 3.0 m long, 17.2 mm dia with copper bonding thickness of minimum macrons and UL listed and marked = 1 no. (b) Earth enhancement material supplied in sealed bags of minimum 10 kg = 3 nos. © Copper strip of 150x25x6 mm, to terminate earth rod = 1 no. (d) Copper strip of 300x25x6 mm (MEEB) = 1 no. (e) Copper strip of 150x25x6mm (SEEB) = 1 no. (ii) Supply of 35 sq. mm multi strand single core PVC insulated copper cable as per IS: 694 for connecting main earth electrode to MEEB in the equipment room in duplicate.(minimum 10 meter) (iii) Supply of 16 sq. mm multi strand single core PVC insulated copper cable as per IS: 694 for connecting MEEB to SEEB and SPD to MEEB (minimum 10 meter ) (iv) Supply of 10 sq. mm multi strand single core PVC insulated copper cable as per IS: 694 for connecting various equipments to SEEB (v) Supply of copper lug sleeve for 3/16 cable Inspection: RDSO Inspection Charges:Borne by Railways Payment Terms: 100% after Supply.	Lot	1.00	17530.73	17530.73

**BIKANER DIVISION-GATI SHAKTI/NORTH WESTERN RLY  
TENDER DOCUMENT**

**Tender No:** SNT-GS-BKN-2025-26-04R2

**Closing Date/Time:** 17/07/2026 15:00

2	13010400	Installation of Unit Maintenance Free Earth as supplied under item no. 13.3 of Chapter 13 of SOR . It includes ( i ) Digging the earth to the required depth. (ii) Insertion of electrode. (iii) Filling of earth enhancing compound (Approx.30 Kg) (iv) Provision of exothermic weld connections to copper tape of 25 mm x 6 mm x 150 mm to the earth electrodes. All material tools and features required for weld will be arranged by contractor. (v) This also includes CC cover 1.5 ft x 1.5 ft. 1 ft wall thickness 2 inch with cover 3 inch thickness. Cables 35 Sq mm/ 16 Sq mm/10 sq mm for connecting earth to busbar, busbar to busbar and busbars to various equipments. Earth electrode of 17.20 mm dia and 3.00 meter long high tensile low carbon steel circular rods molecularly bonded with copper and outer surface (minimum copper bonding thickness of 250 microns to made requirement of under writer's laboratories (UL) 467-2007 or latest. Copper strips of 150 mm x 25 mm x 6 mm to be welded with each earth electrode, copper strips of 300 mm x 25 mm x 6 mm for main equip- potential busbar, copper strips of 150 mm x 25 mm x 6 mm sub equip-potential busbar in relay room, power room and panel room. GI strip 25 mm x 2 mm for ring formation of earth pits Earth enhancement material in bags for each Earth Electrode. Inspection chamber of site 300 mm x 300 mm x 300 mm (Inside dimension) of approximate 50 mm thick with pulling hooks to cover the earth pits. Note: The installation of this item shall be carried out by the contractor as per RDSO Specn.No.RDSO/SPN/ 197/2008 or latest and conforming to RDSO Drg.No.S DO/RDSO/E&B/001 or latest. Inspection: Consignee Inspection Charges: None Payment Terms: 100% after execution and testing.	Set	1.00	7861.68	7861.68
3	13011200	Supply of Handheld Digital Earth Clamp Tester for clamp on earth/ground resistance measurement up to 1000 ohms. Accuracy 0.1 - 0.99 : 1%, 1 - 49 : 1.5% Also measure current leakage up to 20A. No spines required for measurement Model - DECT-2 or equivalent / higher version make Motwane/Stanlay/Fluke/Megger. Inspection: Consignee Inspection Charges:None Payment Terms: 100% after Supply.	Numbers	2.00	84854.46	169708.92
					<b>Total</b>	<b>195101.33</b>
<b>Item- 3</b>	Chapter- 15: Telecom items(Conference system, IPIS, OFC equipments, Control equipments, LC gate phones etc.)					
<b>S No.</b>	<b>Item No</b>	<b>Description of Item</b>	<b>Unit</b>	<b>Qty</b>	<b>Rate</b>	<b>Amount</b>
1	15011100	Supply of Pre-lubricated HDPE duct, 40 mm OD, 33 ID as per RDSO specification No. RDSO/SPN/TC/45/2013 Rev. 2.0 or latest. The item also includes supply of all the accessories of HDPE duct like end caps, collars, bends, couplers etc. Inspection: (i) RDSO/RITES if value of item in work more than 5 lakhs (ii) Consignee subject to procurement from RDSO approved vendors if value of whole item in work less than 5 lakhs as per extant instructions by Railway Board. Inspection Charges: (i)Borne by Railways (ii) None Payment Terms: 100% on Supply	Kilometre	2.00	48313.26	96626.52

**BIKANER DIVISION-GATI SHAKTI/NORTH WESTERN RLY  
TENDER DOCUMENT**

**Tender No:** SNT-GS-BKN-2025-26-04R2

**Closing Date/Time:** 17/07/2026 15:00

2	15011200	Laying of Pre-lubricated HDPE duct, 40 mm OD, 33 ID as per RDSO specification No. RDSO/SPN/TC/45/2013 Rev. 2.0 or latest. The item also includes installation of all the accessories of HDPE duct like end caps, collars, bends, couplers etc. Inspection: Consignee Inspection Charges: None. Payment Terms: 100% after Execution.	Kilometre	1.50	12078.31	18117.47
3	15011300	Blowing/drawing of OFC cables in the HDPE duct along with all the protective work as per instructions of engineer incharge at site. Inspection: Consignee Inspection Charges: None. Payment Terms: 100% after Execution.	Kilometre	1.50	10804.77	16207.16
4	15011700	Supply & Installation of Professional 19" Equipment Racks 12U for housing of network equipment. Inspection: Consignee Inspection Charges: None. Payment Terms: 100% after Execution.	Numbers	1.00	7358.68	7358.68
5	15013200	Supply of SC/APC -LC/PC patch cord (5 meter) (3M, TE connectivity, R&M make or superior) Inspection: Consignee Inspection Charges: None. Payment Terms: 100% after Supply.	Numbers	25.00	146.69	3667.25
6	15013300	Supply of SC-APC/SC-APC patch cord (1 meter) (3M, TE connectivity, R&M make or superior) Inspection: Consignee Inspection Charges: None. Payment Terms: 100% after Supply.	Numbers	25.00	119.54	2988.50
7	15013500	Supply of Fusion Splicing Machine model Fujikura FSM-60S or similar. Inspection: Consignee Inspection Charges: None. Payment Terms: 100% after Supply.	Numbers	1.00	374955.33	374955.33
8	15013600	Supply of Laser source and Power meter. FOD make (Source FOD 2107 and Power meter FOD 1202) or similar. Inspection: Consignee Inspection Charges: None. Payment Terms: 100% after Supply.	Numbers	1.00	173892.57	173892.57
9	15013700	Supply of 10 Pairs Krone type D.P. box as per Tech spec, make Hensel or superior. Inspection: Consignee Inspection Charges: None. Payment Terms: 100% after Supply.	Numbers	5.00	1232.67	6163.35
10	15013800	Fixing and wiring of 10 Pairs Krone type D.P. box as per Tech spec, make Hensel or superior. Inspection: Consignee Inspection Charges: None. Payment Terms: 100% after execution.	Numbers	5.00	308.17	1540.85
11	15014700	Supply of DLP trunk 32X20mm with required all changeable internal/external angle, changeable flat angle, flat junction. Clips, joint for cover, end cap etc. make Legrand or superior. Inspection: Consignee Inspection Charges: None. Payment Terms: 100% after Supply.	Metre	20.00	110.87	2217.40
12	15014800	Fixing & wiring (Laying) of DLP trunk 32X20mm with required all changeable internal/external angle, changeable flat angle, flat junction. Clips, joint for cover, end cap etc. make Legrand or superior. Cable will be supplied by Railway and all other fixing material will be supplied by contractor. Inspection: Consignee Inspection Charges: None. Payment Terms: 100% after execution.	Metre	20.00	27.72	554.40



**BIKANER DIVISION-GATI SHAKTI/NORTH WESTERN RLY  
TENDER DOCUMENT**

**Tender No:** SNT-GS-BKN-2025-26-04R2

**Closing Date/Time:** 17/07/2026 15:00

13	15014900	Supply of frame, surface box and white cover plates for Two modules. This also includes supply of RJ-11 Telephone sockets with level holder Jack type, RJ-45 LAN sockets Jack Type (Tool less) and blanking plates for one modules. Make: Legrand or superior. Inspection: Consignee Inspection Charges: None. Payment Terms: 100% after Supply.	Numbers	10.00	571.96	5719.60
14	15015000	Fixing of frame, surface box and white cover plates for Two modules. This also includes fixing of RJ-11 Telephone sockets with level holder Jack type, RJ-45 LAN sockets Jack Type (Tool less) and blanking plates for one modules. Make: Legrand or superior. Inspection: Consignee Inspection Charges: None. Payment Terms: 100% after execution.	Numbers	10.00	142.99	1429.90
15	15017300	Supply of 8 port Gigabit Lite Managed PoE Layer 2 Switch supports 8 nos 10/100/1000BASE-T ports, along with 2 Gigabit SFP ports, green-saving technologies, make model DG-GS1510HPL DIGISOL / CISCO/JUNIPER or superior. Inspection: Consignee Inspection Charges: None. Payment Terms: 100% after Supply.	Numbers	2.00	27241.60	54483.20
16	15019400	Supply of power cable 3 core 2.5 sq mm multi strand (36/0.3 mm dia) cable as per IS 694:1990 reaffirmed 1995 or latest suitable for railway electrification area shall be of reputed make like Delton, LAPP, Finolex, or superior. Inspection: Consignee Inspection Charges: None. Payment Terms: 100% after supply.	Metre	2500.00	33.02	82550.00
					<b>Total</b>	<b>848472.18</b>

**4. ELIGIBILITY CONDITIONS**

**Special Financial Criteria**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer must have minimum average annual contractual turnover of V/N or 'V' whichever is less; where V= Advertised value of the tender in crores of Rupees, 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 requisite information as per Annexure-VIII, along with copies of Audited Balance Sheets 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	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.	No	No	Allowed (Mandatory)

**BIKANER DIVISION-GATI SHAKTI/NORTH WESTERN RLY  
TENDER DOCUMENT**

**Tender No:** SNT-GS-BKN-2025-26-04R2

**Closing Date/Time:** 17/07/2026 15:00

1.1	Similar nature of work:- Any work involving supply, Installation testing & commissioning of IP based Video Surveillance system. OR Any work involving provision of IP-MPLS/VoIP based System/Data Comm Equipment/video conferencing system including installation & commissioning of switches/routers.	No	No	Not Allowed
1.2	Note: A work experience certificate from a 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 Rs 500 crore and above in last 3 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 certificates for all payments received and copy of final/last bill paid by company in support of above work experience certificate. As per Clause No. 10.1 of Tender Form (second Sheet) of Annex-I of Part-I of GCC2022, with up to date correction slip	No	No	Not Allowed

**Bidders shall confirm and certify on the behalf of the tenderer including its constituents as under:**

S.No.	Description
1	I/we the tenderer (s) am/are signing this document after carefully reading the contents.
2	I/We the tenderer(s) also accept all the conditions of the tender and have signed all the pages in confirmation thereof.
3	I/we hereby declare that I/we have downloaded the tender documents from Indian Railway website www.ireps.gov.in . I/we have verified the content of the document from the website and there is no addition, no deletion or no alteration to the content of the tender document. In case of any discrepancy noticed at any stage i.e. evaluation of tenders, execution of work or final payment of the contract, the master copy available with the railway Administration shall be final and binding upon me/us.
4	I/we declare and certify that I/we have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
5	I/We also understand that my/our offer will be evaluated based on the documents/credentials submitted along with the offer and same shall be binding upon me/us.
6	I/We declare that the information and documents submitted along with the tender by me/us are correct and I/we are fully responsible for the correctness of the information and documents, submitted by us.
7	I/we certify that I/we the tenderer(s) is/are not blacklisted or debarred by Railways or any other Ministry / Department of Govt. of India from participation in tender on the date of submission of bids, either in individual capacity or as a HUF/ member of the partnership firm/LLP/JV/Society/Trust.
8	I/we understand that if the contents of the certificate submitted by us are found to be forged/false at any time during process for evaluation of tenders, it shall lead to forfeiture of the Bid Security and may also lead to any other action provided in the contract including banning of business for a period of upto two year. Further, I/we and all my/our constituents understand that my/our offer shall be summarily rejected.
9	I/we also understand that if the contents of the certificate submitted by us are found to be false/forged at any time after the award of the contract, it will lead to termination of the contract, along with forfeiture of Bid Security/Security Deposit and Performance guarantee and may also lead to any other action provided in the contract including banning of business for a period of upto two year.
10	I/We have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India and certify that I am/We are not from such a country or, if from such a country, have been registered with the competent Authority. I/We hereby certify that I/we fulfil all the requirements in this regard and am/are eligible to be considered (evidence of valid registration by the competent authority is enclosed)

**Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc.**

S.No.	Description
1	<b>Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc.</b> Please submit a certificate in the prescribed format (please download the format from the link given below). Non submission of the certificate, or submission of certificate either not properly filled in, or in a format other than the prescribed format shall lead to summary rejection of your offer. ( <a href="#">Click here</a> to download the Format of Self Certification)

**5. COMPLIANCE**

**BIKANER DIVISION-GATI SHAKTI/NORTH WESTERN RLY  
TENDER DOCUMENT**

**Tender No:** SNT-GS-BKN-2025-26-04R2

**Closing Date/Time:** 17/07/2026 15:00

**Commercial-Compliance**

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)

**Special Conditions**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	If the bidder fails to submit copy of audited balance sheet alongwith the offer then contractual turnover of that year will be treated as NIL	No	No	Not Allowed

**Undertakings**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	I/ We have visited the works site and I / We am/are aware of the site conditions.	No	No	Not Allowed

**Custom**

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Railway Board (MI & MF) has now decided that "for all contracts costing more than Rs. 5 Crore, Contractor's e-MB is mandatory and Contractor's e-MB should be part of Tender Document vide railway board letter No.2017/CE-VCT/9 dated 31.05.2023.	No	No	Not Allowed
2	I/We have submitted full information in prescribed format regarding membership / employment of retired Gazetted officer and family members working in gazetted capacity in the Engineering or any other department of the railways. If no information is provided in this regard then I certify that the information shall be treated as nil. If found that information in this regard as required as per clause 16 a), b), c) of GCC-2022 has been concealed, contract is liable to be dealt in accordance with provision of clause 62 of Standard General Condition of contract.	Yes	Yes	Allowed (Mandatory)
3	The tenderer shall submit copy regarding status of firm i.e. sole proprietorship, partnership, Company, Society/Trust etc. and also submit a power of attorney as detailed in related Para no. 16 of Part-II of General Condition of Tender Documents.	No	No	Allowed (Mandatory)

**6. Documents attached with tender**

S.No.	Document Name	Document Description
1	Bidcapacitycertificate.pdf	Bid capacity certificate
2	TenderdocumnetSNT-GS-BKN-2025-26-04R2.pdf	Tender Document
3	TelecomCircularNo09.pdf	Telecom circular
4	JPOforCableCut.pdf	JPO of cable cut
5	Contractore-MB.pdf	Rly Board letter for Contractor eMB
6	GCC2022AdvanceCorrectionSlipNo_6ACS-6.pdf	GCC ACS 6 21.12.2023
7	GCCApril-2022AdvanceCorrectionSlipNo_4ACS-4_1.pdf	GCC ACS 4 07.08.2023
8	GCCACS3.pdf	GCC ACS 3 26.04.2023
9	GCCACS9.pdf	GCC ACS 9 09.01.2025
10	acs5dt20-10-2023GCC.pdf	GCC ACS 5 20.10.2023
11	GCCACS114.07.2022.pdf	GCC ACS 1 14.07.2022

**BIKANER DIVISION-GATI SHAKTI/NORTH WESTERN RLY  
TENDER DOCUMENT**

**Tender No:** SNT-GS-BKN-2025-26-04R2

**Closing Date/Time:** 17/07/2026 15:00

12	GCCACS213.12.2022.pdf	GCC ACS 2 14.07.2022
13	GCCApril-2022AdvanceCorrectionSlipNo_7ACS-7.pdf	GCC ACS 7 25.09.2024
14	GCC-2022-UPTOACS09.pdf	General Condition of Contract
15	GCCACS10.pdf	GCC ACS 10 04.03.2025
16	GCCACS81.pdf	GCC ACS 8 20.12.2024
17	GCCACS112.pdf	GCC ACS 13032026

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:** PRADEEP PUNIA

**Designation :** Dy.CSTE/GSU/BKN