

**RATLAM DIVISION-S AND T/WESTERN RLY
TENDER DOCUMENT**

Tender No: Snt_RTM_W_26_Tele_04

Closing Date/Time: 25/05/2026 15:00

Dy CSTE-Works/Ratlam acting for and on behalf of The President of India invites E-Tenders against Tender No **Snt_RTM_W_26_Tele_04** Closing Date/Time 25/05/2026 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

Name of Work	Supply, installation, testing and commissioning of Telecom material in connection with Provision of 4 X 48 core Optical Fiber to improve circuit reliability in RTM-CNA (195 Km) and UJN-DWX-INDB (79 km) Total 274 Kms.		
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Two Packet System
Tender Closing Date Time	25/05/2026 15:00	Date Time Of Uploading Tender	24/04/2026 12:27
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	431218900.18	Tendering Section	TELECOM
Bidding Style	Single Rate for Tender	Bidding Unit	Above/Below/Par
Earnest Money (Rs.)	8624400.00	Validity of Offer (Days)	90
Tender Doc. Cost (Rs.)	0.00	Period of Completion	12 Months
Contract Type	Works - General	Contract Category	Expenditure
Bidding Start Date	11/05/2026		
Are JV allowed to bid	Yes	Number of JV Member Allowed	3
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 () XS1- RTM-CNA:- Provision of 4 X 48 core Optical Fiber to improve circuit reliability 195 Km							276760408.66	
1	Please see Item Breakup for details.				36415808.52	AT Par	36415808.52	
	Description:- A1:- Supply Items :- RTM-CNA:- 4 X 48 core Optical Fiber to improve circuit reliability 195 Km							
2	Please see Item Breakup for details.				240344600.14	AT Par	240344600.14	
	Description:- B1:- Execution Items :-RTM-CNA:- 4 X 48 core Optical Fiber to improve circuit reliability 195 Km							
S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedule () XS2- UJN-DWX-INDB :- 4 X 48 core Optical Fiber to improve circuit reliability in 79 km							154458491.52	
3	Please see Item Breakup for details.				20279508.10	AT Par	20279508.10	
	Description:- A2:- Supply Items:- UJN-DWX-INDB:- 4 X 48 core Optical Fiber to improve circuit reliability 79 Km							
4	Please see Item Breakup for details.				134178983.42	AT Par	134178983.42	
	Description:- B2:- Execution Items:- UJN-DWX-INDB:- 4 X 48 core Optical Fiber to improve circuit reliability 79 Km							

3. ITEM BREAKUP

Schedule	Schedule XS1- RTM-CNA:- Provision of 4 X 48 core Optical Fiber to improve circuit reliability 195 Km					
Item- 1	A1:- Supply Items :- RTM-CNA:- 4 X 48 core Optical Fiber to improve circuit reliability 195 Km					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount

**RATLAM DIVISION-S AND T/WESTERN RLY
TENDER DOCUMENT**

Tender No: Snt_RTM_W_26_Tele_04

Closing Date/Time: 25/05/2026 15:00

1	101	Double Walled Corrugated (DWC) HDPE Pipe with associated collars etc. as per RDSO Specification No. RDSO/SPN/204/2011 or latest anti-rodent & anti-oxidant and non-flame propagating type in 6 meters straight length and of size 120 mm outer dia. & 103.5 mm inner dia. . One of the following coupling arrangements should also be supplied with each pipe as per the site requirement. 1) Suitable snap fit coupler with rubber 'ORing 2) Spacers 3) Tees 4) Bend, 5) End-cap (The total quantity of above items is equal to no. of pipes supplied.) DWC pipe shall be marked at every 1 mtr length in such a way that manufacturer's name, vender name and year of manufacture can be easily identified. Color -Bright Orange; Min Weight = 4kg. Test Check by Consignee & Sample check by JAG officer	Numbers	350.00	1639.52	573832.00
2	102	Medium Class G.I. Pipes to IS: 1239 (Pt.)-2004 or latest; 100mm dia. (int. Dia) 3.65 mm thick or above with coupling. G.I. pipes shall have ISI mark on it and contractor should submit manufacturer's test certificate of G.I. pipes	Running Metre	2000.00	1003.39	2006780.00
3	103	Supply of Permanently Lubricated (PLB) High density polyethylene (HDPE) Telecom duct for use as underground cable conduits -40/33 mm as per RDSO specification No. RDSO/SPN/TC/45/2013 Rev.2.0 amnd 1 & 2 or latest. Each km of HDPE duct should have 2 no End Plugs, 2 no Cable sealing plugs, and 2 no plastic couplers slip fit/push fit type ETC	Metre	600000.00	42.58	25548000.00
4	104	Supply of Straight Joint Enclosures (SJC) complete with all accessories as per GR/OJC/02/02 Sept 2003 for 48 fiber, Raycom make model FOSC 400 B4 48F or RSICS make model 1500-L 183-XX or Birla VXL make model VT-200 or 3 M make model 2179 CS or TYCO or R&M as per instruction and approval of Engineer In charge	Numbers	310.00	4341.60	1345896.00
5	105	Supply of SC-APC to LC (FC-PC/LC-FC/SC SC/LC-SC/LC-LC/ST-SC as per site requirement) OFC patch cord as per RDSO specification no. RDSO/SPN/TC/69/2007 Rev.0 or latest. Length of the Patch cord should be 10 mtr	Numbers	400.00	483.21	193284.00
6	106	Supply of optical Patch cord cable (3 Meter long with connectors) as per RDSO specs no. RDSO/SPN/TC/69 /2007 or latest. Type of connector will be decide as per site requirement	Numbers	84.00	240.65	20214.60
7	107	Supply of Retro Reflective Tape Colour Yellow must follow ASTM :D4956-04 criteria as per technical specification attached.	Foot	306000.00	11.68	3574080.00
8	108	Supply of RFID based Electronic Cable Marker. (Make -3M,Telogica,Stanlay)	Numbers	1400.00	1805.16	2527221.06
9	109	Cable route tracer cum RFID marker locatorwith GPS tagging facility make Stanlay,Dynatel 3M, Radiodetction as per specification attached.	Numbers	1.00	333452.58	333452.58
10	113	Supply of Metal (Amoured) OFC Patch Cord 3 Mtr as per specification attached.	Numbers	252.00	1162.89	293048.28
					Total	36415808.52
Item- 2	B1:- Execution Items :-RTM-CNA:- 4 X 48 core Optical Fiber to improve circuit reliability 195 Km					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	114	Horizontal direction drilling/boring without damage of surface road using Auger Machine. The bore shall be 150 mm Dia & shall be done at the depth of MINIMUM 2.0 METRE 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 Mtr long. The HDD with or without HDPE pipe as per direction of Engineer In charge. Note: HDPE pipe supply is taken as separate item.	Metre	170000.00	1018.46	173138200.00

**RATLAM DIVISION-S AND T/WESTERN RLY
TENDER DOCUMENT**

Tender No: Snt_RTM_W_26_Tele_04

Closing Date/Time: 25/05/2026 15:00

2	115	Excavation of cable trench as per cable route plan, 1.2 Mtr. deep and of 0.3 Mtr. to 0.6 Mtr wide advised by Engineer-in-charge 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.. The work shall be done as per the extant practice on Western Railway and instructions of Railway Engineer at site. In case 1m 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 1m is not possible. Without the approval of JA Grade officer, no payment for trenching will be made for trench depth less than 1m	cum	36720.00	719.35	26414532.00
3	116	Cutting of Hard rock in trenches /Preparation of cable way/Chase 150mm wide at the bottom and 300 mm deep in hard rock (Drg prepared by contactor & approved by Engineer In charge) for laying of S&T cables where minimum required depth not possible & which is verified and agreed by Engineer In charge of the work or his representative shall be made as per Drg. No RE/S&T/ALD/SK/301/85. Refilling of the same with concrete mixture of 1:3:6 from top of the cable way/ chase. Payment of concrete will be made separately through a separate item in the schedule of work	cum	1800.00	376.16	677088.00
4	117	Supply and installation of RCC cable route marker engraved and painted on both side along the route every 50 mm and route diversion as per Drg. No 4014/00/CC4 or latest/ Stone marker	Numbers	7000.00	353.81	2476670.00
5	118	Preparation of Cable Route Plan of buried U/G S&T Cables using RD8200SG or similar GPS model, Drone and DGPS survey equipment per side of the track(max 4 trench). Submission of Drone Report in Hard Copy 3 set and DGPS output in KMZ File format	Kilometre	390.00	39591.30	15440607.00
6	119	As and when required by the Engineer in charge arranging or providing of labors for various safety related works such as protection of track etc with contractors T and P equipment hand signal flags spanners hammers etc as per specification special conditions	Man-Days	1500.00	557.06	835590.00
7	120	Laying and fixing of Medium class GI pipes 100 mm Dia (4.5 mm thickness) as per IS 1239 (Part 1) 2004 or latest with coupling on culverts/bridges, perforated at a distance of 20 cm or less with 10 mm Dia hole, or at any other locations as decided by Site Engineer. The GI pipe is to be filled with chattered compound. It includes supply of all material required for fi Xing arrangement. Contractor will also supply flexible/corrugated HDPE pipe at the end of GI pipe to protect the cables from sharp edges and sudden bends. The e laying and fi Xing to be done as per RDSO drawings No. SDO/cable laying/011 and SDO/cable laying/012, issued vide RDSO document No. RDSO/SI/G/2010 Version 1.1 dated 04.02.2014, or latest	Running Metre	2000.00	358.45	716900.00
8	121	Placing of DWC/RCC pipes along with collars in trenches at places of track and road crossings, platform cuttings etc. also for straight cable laying. (Cable laying is covered separately.)	Running Metre	2100.00	28.48	59808.00

**RATLAM DIVISION-S AND T/WESTERN RLY
TENDER DOCUMENT**

Tender No: Snt_RTM_W_26_Tele_04

Closing Date/Time: 25/05/2026 15:00

9	122	End-to-end testing of all fibers of the optical fiber cable laid under the above items between Station/Cable Huts/OC & other locations. All required equipment, tools, and plants shall be arranged by the contractor. Five number of printouts of traces (containing all parameters) in folders must be supplied by the contractor. The OFC parameters/results, per kilometer link loss, etc., shall be as per the policy/technical circulars issued by the railways from time to time	Numbers	21.00	11092.07	232933.47
10	123	Laying of HDPE pipe as per approved cable route plan in the excavated trench, taking due care while transporting and laying the same in the trenches or other protective works. Both the end of duct should be sealed with end plugs before laying and should remain sealed till blowing is done	Metre	600000.00	4.36	2616000.00
11	124	Splicing of laid under above items OFC cable and making the splice joint in dust free environment with contractor's own equipment and labour. Straight joint enclosure (SJC) is covered under schedule 'A' remaining all required materials, tools, plants shall be arranged by the contractor. Splicing shall be started from one end and each splicing shall be monitored after splicing and after closing the enclosure for all the fibers from one central location by contractor's engineer with his own OTDR and optic loss test set with railway engineer trace for the fibers shall be taken and signed jointly, if any fiber splice shows high loss/lossy event, the same shall be redone before completion of splicing work. The splice loss shall be as per the policy/technical circulars issued by the railways from time to time	Numbers	310.00	7915.08	2453674.80
12	125	Supply, Installation, testing and commissioning of 48 Fiber (SC-APC, LC-APC) FDMS including splicing of OFC and termination of all fibres using pig tail cable of standard size (All materials including pig tails (Minimum 1 Metre each) to be supplied by the contractor, this also includes arrangement & fixing of suitable metal box fixable in wall for spare OFC coil) as per technical specification attached.	Numbers	247.00	23850.64	5891108.08
13	126	Blowing of OFC through HDPE duct & protective work (elicited in above item) already provided. Where it is not feasible to blow OFC due to curves, road/track crossings, bridges or for any other reason, OFC shall be drawn or laid manually as per standard procedure. All the equipments and machinery required shall be arranged by the contractor at his own cost. In case OFC is to be laid adopting 'Direct in trench' method then this item shall be paid as per accepted rate of this schedule. Blowing/Laying shall be started from one end and each drum laying shall be monitored after blowing/laying and before leaving the site, trace/cable parameters for all the fiber/conductors shall be taken from one central location by contractor's engineer with his own OTDR, optic talk set/ measuring equipments with railway engineer	Metre	600000.00	9.23	5538000.00
14	127	Supply & fixing of GI troughing & Channel on girder bridges for carrying cables. Fixing of channel with Girder to be done with hook/ 'J' bolts of suitable size to hold the load of the troughing as per Drg. No. CSTE/3004 and CSTE/3006. This item also includes the filling one layer of Bitumen compound as per extant practice. Supply and fixing of GI channel of size 100mm x 50mm x 6mm 1.2 Mtr long	Running Metre	2500.00	898.16	2245400.00

**RATLAM DIVISION-S AND T/WESTERN RLY
TENDER DOCUMENT**

Tender No: Snt_RTM_W_26_Tele_04

Closing Date/Time: 25/05/2026 15:00

15	128	Removal of paver blocks/tiles and cutting of trench across on platform for a depth of 15cm & width of 15cm with marble cutting machine & filling the trench after laying the cables & restoring the surface with original tiles with smooth finish as per instructions of site in-charge at site. All the materials except pipeare to be arranged by the contractor at site, the debris is tobe cleared from platform to outside the station premises	Metre	2100.00	123.86	260106.00
16	129	Supply and installation of RCC pre-fabricated OFC jointing Pits as per DRG. No- RDSO/TCDO/COP-21 (a)/latest. This includes trenching for joint pit,back filling and ramming of pit after placing the joint closure and cable loop in the chamber without causing damage to the same and consolidation of soil as well as disposal of excess soil	Numbers	140.00	4371.25	611975.00
17	130	Supply, Installation, Testing & Commissioning of 19" 42U Rack with all accessories as per technical specification attached.	Numbers	21.00	31236.71	655970.91
18	131	Construction of brick chamber behind of OFC room 2x2x1m. Item includes arranging of all material required for the same such as bricks, sand, cement etc. Cement and sand should be in ratio of 1:5 as per technical specification attached.	Numbers	21.00	3811.28	80036.88
					Total	240344600.14
Schedule	Schedule XS2- UJN-DWX-INDB :- 4 X 48 core Optical Fiber to improve circuit reliability in 79 km					
Item- 3	A2:- Supply Items:- UJN-DWX-INDB:- 4 X 48 core Optical Fiber to improve circuit reliability 79 Km					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	201	Double Walled Corrugated (DWC) HDPE Pipe with associated collars etc. as per RDSO Specification No. RDSO/SPN/204/2011 or latest anti-rodent & anti-oxidant and non-flame propagating type in 6 meters straight length and of size 120 mm outer dia,& 103.5 mm inner dia. . One of the following coupling arrangements should also be supplied with each pipe as per the site requirement. 1) Suitable snap fit coupler with rubber 'ORing 2) Spacers 3) Tees 4) Bend, 5) End-cap (The total quantity of above items is equal to no. of pipes supplied.) DWC pipe shall be marked at every 1 mtr length in such a way that manufacturer's name, vender name and year of manufacture can be easily identified. Color -Bright Orange; Min Weight = 4kg. Test Check by Consignee & Sample check by JAG officer	Numbers	100.00	1639.52	163952.00
2	202	Medium Class G.I. Pipes to IS: 1239 (Pt.)-2004 or latest; 100mm dia. (int. Dia) 3.65 mm thick or above with coupling. G.I. pipes shall have ISI mark on it and contractor should submit manufacturer's test certificate of G.I. pipes	Running Metre	1200.00	1003.39	1204068.00
3	203	Supply of Permanently Lubricated (PLB) High density polyethylene (HDPE) Telecom duct for use as underground cable conduits -40/33 mm as per RDSO specification No. RDSO/SPN/TC/45/2013 Rev.2.0 amnd 1 & 2 or latest. Each km of HDPE duct should have 2 no End Plugs, 2 no Cable sealing plugs, and 2 no plastic couplers slip fit/push fit type ETC	Metre	366000.00	42.58	15584280.00
4	204	Supply of Straight Joint Enclosures (SJC) complete with all accessories as per GR/OJC/02/02 Sept 2003 for 48 fiber, Raycom make model FOSC 400 B4 48F or RSICS make model 1500-L 183-XX or Birla VXL make model VT-200 or 3 M make model 2179 CS or TYCO or R&M as per instruction and approval of Engineer In charge	Numbers	119.00	4341.60	516650.40
5	205	Supply of SC-APC to LC (FC-PC/LC-FC/SC SC/LC-SC/LC-LC/ST-SC as per site requirement) OFC patch cord as per RDSO specification no. RDSO/SPN/TC /69/2007 Rev.0 or latest. Length of the Patch cord should be 10 mtr	Numbers	160.00	483.21	77313.60

**RATLAM DIVISION-S AND T/WESTERN RLY
TENDER DOCUMENT**

Tender No: Snt_RTM_W_26_Tele_04

Closing Date/Time: 25/05/2026 15:00

6	206	Supply of optical Patch cord cable (3 Meter long with connectors) as per RDSO specs no. RDSO /SPN/TC/69 /2007 or latest. Type of connector will be decide as per site requirement	Numbers	36.00	240.65	8663.40
7	207	Supply of Retro Reflective Tape Colour Yellow must follow ASTM :D4956-04 criteria as per technical specification attached.	Foot	100000.00	11.68	1168000.00
8	208	Supply of RFID based Electronic Cable Marker. (Make -3M,Telogica,Stanlay)	Numbers	608.00	1805.16	1097536.00
9	209	Cable route tracer cum RFID marker locatorwith GPS tagging facility make Stanlay,Dynatel 3M, Radiodetction as per specification attached.	Numbers	1.00	333452.58	333452.58
10	211	Supply of Metal (Amoured) OFC Patch Cord 3 Mtr as per specification attached.	Numbers	108.00	1162.89	125592.12
					Total	20279508.10
Item- 4	B2:- Execution Items:- UJN-DWX-INDB:- 4 X 48 core Optical Fiber to improve circuit reliability 79 Km					
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	212	Horizontal direction drilling/boring without damage of surface road using Auger Machine. The bore shall be 150 mm Dia & shall be done at the depth of MINIMUM 2.0 METRE 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 Mtr long. The HDD with or without HDPE pipe as per direction of Engineer In charge. Note: HDPE pipe supply is taken as separate item.	Metre	105000.00	1018.46	106938300.00
2	213	Excavation of cable trench as per cable route plan, 1.2 Mtr. deep and of 0.3 Mtr. to 0.6 Mtr wide advised by Engineer-in-charge 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.. The work shall be done as per the extant practice on Western Railway and instructions of Railway Engineer at site. In case 1m 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 1m is not possible. Without the approval of JA Grade officer, no payment for trenching will be made for trench depth less than 1m	cum	12000.00	719.35	8632200.00
3	214	Cutting of Hard rock in trenches /Preparation of cable way/Chase 150mm wide at the bottom and 300 mm deep in hard rock (Drg prepared by contactor & approved by Engineer In charge) for laying of S&T cables where minimum required depth not possible & which is verified and agreed by Engineer In charge of the work or his representative shall be made as per Drg. No RE/S&T/ALD/SK/301/85. Refilling of the same with concrete mixture of 1:3:6 from top of the cable way/ chase. Payment of concrete will be made separately through a separate item in the schedule of work	cum	81.00	376.16	30468.96
4	215	Supply and installation of RCC cable route marker engraved and painted on both side along the route every 50 mm and route diversion as per Drg. No 4014/00/CC4 or latest/ Stone marker	Numbers	3500.00	353.81	1238335.00
5	216	Preparation of Cable Route Plan of buried U/G S&T Cables using RD8200SG or similar GPS model, Drone and DGPS survey equipment per side of the track(max 4 trench). Submission of Drone Report in Hard Copy 3 set and DGPS output in KMZ File format	Kilometre	158.00	39591.30	6255425.40

**RATLAM DIVISION-S AND T/WESTERN RLY
TENDER DOCUMENT**

Tender No: Snt_RTM_W_26_Tele_04

Closing Date/Time: 25/05/2026 15:00

6	217	As and when required by the Engineer in charge arranging or providing of labors for various safety related works such as protection of track etc with contractors T and P equipment hand signal flags spanners hammers etc as per specification special conditions	Man-Days	700.00	557.06	389942.00
7	218	Laying and fixing of Medium class GI pipes 100 mm Dia (4.5 mm thickness) as per IS 1239 (Part 1) 2004 or latest with coupling on culverts/bridges, perforated at a distance of 20 cm or less with 10 mm Dia hole, or at any other locations as decided by Site Engineer. The GI pipe is to be filled with chattered compound. It includes supply of all material required for fi Xing arrangement. Contractor will also supply flexible/corrugated HDPE pipe at the end of GI pipe to protect the cables from sharp edges and sudden bends. The e laying and fi Xing to be done as per RDSO drawings No. SDO/cable laying/011 and SDO/cable laying/012, issued vide RDSO document No. RDSO/SI/G/2010 Version 1.1 dated 04.02.2014, or latest	Running Metre	1200.00	358.45	430140.00
8	219	Placing of DWC/RCC pipes along with collars in trenches at places of track and road crossings, platform cuttings etc. also for straight cable laying. (Cable laying is covered separately.)	Running Metre	600.00	28.48	17088.00
9	220	Laying of HDPE pipe as per approved cable route plan in the excavated trench, taking due care while transporting and laying the same in the trenches or other protective works. Both the end of duct should be sealed with end plugs before laying and should remain sealed till blowing is done	Metre	366000.00	4.36	1595760.00
10	221	Splicing of laid under above items OFC cable and making the splice joint in dust free environment with contractor's own equipment and labour. Straight joint enclosure(SJC) is covered under schedule 'A' remaining all required materials, tools, plants shall be arranged by the contractor. splicing shall be started from one end and each splicing shall be monitored after splicing and after closing the enclosure for all the fibers from one central location by contractor's engineer with his own OTDR and optic loss test set with railway engineer trace for the fibers shall be taken and signed jointly, if any fiber splice shows high loss/lossy event, the same shall be redone before completion of splicing work. The splice loss shall be as per the policy/technical circulars issued by the railways from time to time	Numbers	119.00	7915.08	941894.52
11	222	Supply, Installation, testing and commissioning of 48 Fiber (SC-APC, LC-APC) FDMS including splicing of OFC and termination of all fibres using pig tail cable of standard size (All materials including pig tails (Minimum 1 Metre each) to be supplied by the contractor, this also includes arrangement & fixing of suitable metal box fixable in wall for spare OFC coil) as per technical specification attached.	Numbers	90.00	23850.64	2146557.60

**RATLAM DIVISION-S AND T/WESTERN RLY
TENDER DOCUMENT**

Tender No: Snt_RTM_W_26_Tele_04

Closing Date/Time: 25/05/2026 15:00

12	223	Blowing of OFC through HDPE duct & protective work (elicited in above item) already provided. Where it is not feasible to blow OFC due to curves, road/track crossings, bridges or for any other reason, OFC shall be drawn or laid manually as per standard procedure. All the equipments and machinery required shall be arranged by the contractor at his own cost. In case OFC is to be laid adopting 'Direct in trench' method then this item shall be paid as per accepted rate of this schedule. Blowing/Laying shall be started from one end and each drum laying shall be monitored after blowing/laying and before leaving the site, trace/cable parameters for all the fiber/ conductors shall be taken from one central location by contractor's engineer with his own OTDR , optic talk set/ measuring equipments with railway engineer	Metre	366000.00	9.23	3378180.00
13	224	Supply & fixing of GI troughing & Channel on girder bridges for carrying cables. Fixing of channel with Girder to be done with hook/ 'J' bolts of suitable size to held the load of the troughing as per Drg. No.CSTE/3004 and CSTE/3006. This item also includes the filling one layer of Bitumen compound as per extant practice. Supply and fixing of GI channel of size 100mm x50mm x06mm 1.2 Mtr long	Running Metre	1515.00	898.16	1360712.40
14	225	Removal of paver blocks/tiles and cutting of trench across on platform for a depth of 15cm & width of 15cm with marble cutting machine & filling the trench after laying the cables & restoring the surface with original tiles with smooth finish as per instructions of site in-charge at site. All the materials except pipeare to be arranged by the contractor at site, the debris is tobe cleared from platform to outside the station premises	Metre	900.00	123.86	111474.00
15	226	Supply and installation of RCC pre-fabricated OFC jointing Pits as per DRG. No- RDSO/TCDO/COP-21 (a)/latest. This includes trenching for joint pit,back filling and ramming of pit after placing the joint closure and cable loop in the chamber without causing damage to the same and consolidation of soil as well as disposal of excess soil	Numbers	68.00	4371.25	297245.00
16	227	Supply, Installation, Testing & Commissioning of 19" 42U Rack with all accessories as per technical specification attached.	Numbers	9.00	31236.71	281130.39
17	228	End-to-end testing of all fibers ofthe optical fiber cable laid under the above items between Station/CableHuts/OC & other locations. All required equipment, tools, and plants shall be arranged by the contractor. Five number of printouts of traces (containing all parameters) in folders must be supplied by the contractor. The OFC parameters/results, per kilometer link loss, etc., shall be as per the policy/technical circulars issued bythe railways from time to time	Numbers	9.00	11092.07	99828.63
18	229	Construction of brick chamber behind of OFC room 2x2x1m. Item includes arranging of all material required for the same such as bricks, sand, cement etc. Cement and sand should be in ratio of 1:5 as per technical specification attached.	Numbers	9.00	3811.28	34301.52
					Total	134178983.42

4. ELIGIBILITY CONDITIONS

Important : All documents uploaded and remarks / confirmation entered by the bidders against any eligibility condition shall be opened as part of technical bid only

Special Financial Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
-------	-------------	-----------------------	-----------------	---------------------

**RATLAM DIVISION-S AND T/WESTERN RLY
TENDER DOCUMENT**

Tender No: Snt_RTM_W_26_Tele_04

Closing Date/Time: 25/05/2026 15:00

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-VIB, 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)
1.1	Audited Balance sheet as per above description along with information as per Annexure- VIB (of GCC) to be enclosed.	No	No	Allowed (Mandatory)
2	Bid Capacity :- Firm has to submit details in Annexure T-4 F1 of of Tender document (Various format),duly certified by chartered accountant as per GCC ANNEXURE - VI for evaluation of bid capacity.	No	No	Allowed (Mandatory)

Special Technical Criteria

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	(a) The tenderer must have successfully completed or substantially completed any of the following during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: Three similar works costing not less than the amount equal to 30% of advertised value of the tender, or two similar works costing not less than the amount equal to 40% of advertised value of the tender, or One similar work costing not less than the amount equal to 60% of advertised value of the tender.	No	No	Allowed (Mandatory)
1.1	Work of similar nature:- The similar nature of the work has been defined below as: Any work of OFC / Quad / Telecom cable.	No	No	Allowed (Mandatory)

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
-------	-------------

**RATLAM DIVISION-S AND T/WESTERN RLY
TENDER DOCUMENT**

Tender No: Snt_RTM_W_26_Tele_04

Closing Date/Time: 25/05/2026 15:00

1	Partnership firm/Joint Venture (JV) / Hindu Undivided Family (HUF) / Limited Liability Partnership (LLP) etc. 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. (Click here to download the Format of Self Certification)
---	--

5. COMPLIANCE

Important : All documents uploaded and remarks / confirmation entered by the bidders against any compliance condition shall be opened as part of technical bid only.

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)

General Instructions

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	Tenderer shall go through Special Conditions of Contract mentioned in this NIT before bidding. Items mentioned project facilities shall be supplied/ arranged before the processing of the first running bill.	No	No	Not Allowed

Technical-Compliances

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	The tenderer whether sole proprietor / a company or a partnership firm / joint venture (JV) / registered society /registered Trust / HUF / LLP etc if they want to act through agent or individual partner(s), should submit along with the tender, a copy of power of attorney duly stamped and authenticated by a Notary Public or by Magistrate in favour of the specific person whether he/they be partner(s) of the firm or any other person, specifically authorizing him/them to sign the tender, submit the tender and further to deal with the Tender/ Contract up to the stage of signing the agreement except in case where such specific person is authorized for above purposes through a provision made in the partnership deed / Memorandum of Understanding / Article of Association /Board resolution, failing which tender shall be summarily rejected. Note:- Power of attorney on non-judicial stamp paper as per MP state stamp duty.	Yes	Yes	Allowed (Mandatory)
2	The tenderer shall clearly specify whether the tender is submitted on his own (Proprietary Firm) or on behalf of a Partnership Firm / Company /Joint Venture (JV) /Registered Society /Registered Trust / Hindu Undivided Family(HUF)/Limited Liability Partnership (LLP) etc. The tenderer(s)shall enclose the attested copies of the constitution of their concern, and copy of PAN Card along with their tender. Tender Documents in such cases are to be signed by such persons as may be legally competent to sign them on behalf of the firm, company, association, trust or society, as the case may be as follows:	Yes	Yes	Allowed (Mandatory)
2.1	a)Sole Proprietorship Firm: (i)The tenderer(s) shall enclose the attested copies of the constitution of Firm. (ii)Copy of PAN Card along with their tender.	Yes	Yes	Allowed (Optional)
2.1.1	(iii) All documents in terms of Para 10of the Tender Form (Second Sheet).	Yes	Yes	Allowed (Optional)
2.2	(b)HUF: (i)A copy of notarized affidavit on Stamp Paper declaring that he who is submitting the tender on behalf of HUF is in the position of 'Karta' of Hindu Undivided Family (HUF) and he has the authority, and consent given by other members to act on behalf of HUF.	Yes	Yes	Allowed (Optional)
2.2.1	(ii) All documents in terms of Para 10of the Tender Form (Second Sheet).	Yes	Yes	Allowed (Optional)

**RATLAM DIVISION-S AND T/WESTERN RLY
TENDER DOCUMENT**

Tender No: Snt_RTM_W_26_Tele_04

Closing Date/Time: 25/05/2026 15:00

2.3	(c) Partnership Firm: (i) All documents as mentioned in para 18 of the Tender Form (Second Sheet) of GCC. (ii) The tenderer (s) shall enclose the A notarized copy of the Partnership Deed or a copy of the Partnership deed/partnership firm agreement registered with the Registrar. (iii)Copy of PAN Card of partnership firm along with their tender. (iv)A notarized or registered copy of Power of Attorney in favour of the individual to tender for the work, sign the agreement etc. and create liability against the firm. (v)An undertaking by all partners of the partnership firm that they are not blacklisted or debarred by Railways or any other Ministry/ Department of the Govt. of India from participation intenders /contracts as on the date of submission of bids, either in their individual capacity or in any firm/LLP in which they were /are partners/members.	Yes	Yes	Allowed (Optional)
2.3.1	(vi) All documents in terms of Para 10of the Tender Form (Second Sheet).	Yes	Yes	Allowed (Optional)
2.4	(d) Company registered under Companies Act 2013: (i) The copies of MOA (Memorandum of Association)/ AOA (Articles of Association) of the company (ii) A copy of Certificate of Incorporation (iii)A copy of Authorization/Power of Attorney issued by the Company (backed by the resolution of Board of Directors) in favour of the individual to sign the tender on behalf of the company and create liability against the company.	Yes	Yes	Allowed (Optional)
2.4.1	(iv) All documents in terms of Para 10of the Tender Form (Second Sheet).	Yes	Yes	Allowed (Optional)
2.5	(e) LLP (Limited Liability Partnership): (i) A copy of LLP Agreement , (ii) A copy of Certificate of Incorporation , (iii) A copy of Power of Attorney / Authorization issued by the LLP in favour of the individual to sign the tender on behalf of the LLP and create liability against the LLP, (iv)An undertaking by all partners of the LLP that they are not blacklisted or debarred by Railways or any other Ministry/ Department of the Govt. of India from participation in tenders / contracts as on the date of submission of bids, either in their individual capacity or in any firm/LLP or JV in which they were / are partners/members. Concealment/wrong information in regard to above shall make the contract liable for determination under Clause 62 of the Standard General Conditions of Contract.	Yes	Yes	Allowed (Optional)
2.5.1	(v) All documents in terms of Para 10of the Tender Form (Second Sheet).	Yes	Yes	Allowed (Optional)
2.6	(f)Registered Society &Registered Trust: (i)A copy of Certificate of Registration (ii)A copy of Memorandum of Association of Society/Trust Deed (iii)A copy of Power of Attorney in favour of the individual to sign the tender documents and create liability against the Society/Trust. (iv)A copy of Rules & Regulations of the Society.	Yes	Yes	Allowed (Optional)
2.6.1	(v) All documents in terms of Para 10of the Tender Form (Second Sheet).	Yes	Yes	Allowed (Optional)
3	Please submit a certificate in the prescribed format {As per ANNEXURE-V & Annexure -VA (if applicable) of Tender Documents} for verification /confirmation of the documents submitted for compliance of eligibility / qualifying criteria. 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.	Yes	Yes	Allowed (Mandatory)
4	Information as per Para 16 of GCC Part (1) (Tender form second sheet Annex I) related to Employment/Partnership Etc. of Retired Railway Employees and clauses 59 (9) & 62 (1)(xv) to GCC regarding employment etc. Of retired government officers by railway contractors".	Yes	Yes	Allowed (Mandatory)
4.1	Certificate of Information regarding EMPLOYMENT/PARTNERSHIP etc. of Retired Railway Employees with the tender as per the attached proforma,Annexure XIX of tender document.	Yes	Yes	Allowed (Optional)
4.2	Document :- Certificate of NO RELATIVE being an employee of Western Railway as per attached Performa Annexure XVIII of Tender document.	Yes	Yes	Allowed (Optional)

Undertakings

S.No.	Description	Confirmation Required	Remarks Allowed	Documents Uploading
1	I/We have read the tender notice (NIT)detail,schedule of material and works and Tender document along with all the conditions attached/referred to, in this tender document and agree to abide by the said conditions.	No	No	Not Allowed
2	It is certified that i am the authorised person to represent the firm and i am authorised to sign the tender and all the document on behalf of the firm.	No	No	Not Allowed

**RATLAM DIVISION-S AND T/WESTERN RLY
TENDER DOCUMENT**

Tender No: Snt_RTM_W_26_Tele_04

Closing Date/Time: 25/05/2026 15:00

3	I/We hereby agree to abide by the indian Railway Standard General Condition of contract (GCC) with all correction slip up to date and to carry out the work according to the special conditions of contract and specification of material and works as laid down by Railway as mentioned in the tender document.	No	No	Not Allowed
4	I/ We have visited the works site and I / We am / are aware of the site conditions.	No	No	Not Allowed

6. Documents attached with tender

S.No.	Document Name	Document Description
1	SCC4X48OFCDt240426.pdf	Special Condtions Tech Specs
2	FirstSecondSheet4X48OFCDt240426.pdf	First and Second sheets
3	VariousFormat4X48OFCDt240426.pdf	Various formats
4	Techsspecs4X48OFCDt240426.pdf	Technical Specifications
5	RailwayBoardPolicyLetterDt020120262MtrDepth.pdf	Railway Baord Letter
6	CCELetterdt101023for4x48OFC.pdf	CCE Sir Letter OFC
7	20260326_CCE_SimilarnatureofworkforvariousTelecomworksTendersMar26.pdf	Similar Nature of Work 2026
8	GCC-2022.pdf	GCC 2022
9	GCCAmddandcorrectionslip.pdf	GCCAmddandcorrectionslip

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: ABHISHEK MISHRA

Designation : Dy.CSTEWorks/RTM