



# RailTel Corporation of India Limited

*A Government of India (Ministry of Railways) Undertaking*

Western Region Head Quarters, Western Railway Microwave Complex, Senapati Bapat Marg,  
Mahalaxmi- Mumbai – 400 013. Tel: 022-24923907 Fax: 24923913 visit [www.RailTelindia.com](http://www.RailTelindia.com)

## CORRIGENDUM-I

**Tender No.** RailTel/Tender/OT/WR/Wi-Fi/2016-17/50

**Date:** 11.04.2017

**Sub:** - Supply, Installation and Commissioning of Wi-Fi at Bhopal Territory Railway Stations (31 Nos.) over Western Region of RailTel - **Corrigendum.**

**Ref:** - Tender Notice No. RailTel/Tender/OT/WR/Wi-Fi/2016-17/50, Dt.25.03.2017.

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With reference to the above tender notice, the following amendments/modifications to the tender document are hereby issued:

Page No.	Item Description	In tender Document	To be read as (Corrigendum)
13, 121 & 129	Supply of Laptop	Supply of Laptop 14" above, 6th Gen, Core i5, 8 GB Ram, 1TB HDD, Win10 or higher version/specifications Make : Dell / HP/ Lenovo.	Supply of Laptop 15.6" full HD, 6th Gen, Core i5, 12 GB Ram, 1TB HDD, Touch Screen, Win10 or higher version/specifications. Warranty as per OEM. Make : Dell / HP/ Lenovo.

**However, existing Chapter 2 for Schedule of Requirements in Tender Document Reference No. RailTel/Tender/OT/WR/Wi-Fi/2016-17/50 is replaced by Annexure-A (Attached). Contractor is requested to quote their offer in the revised SOR.**

All other terms and conditions of the tender remain same. This corrigendum is available at RailTel's website [www.railtelindia.com](http://www.railtelindia.com).

**Sd/-**

**Addl. GM/Operations/BB,  
RailTel Corporation of India,  
Western Region, Mumbai.**

**Encl: Annexure – A (Revised Schedule of Requirement).**

## Annexure – A

**SCHEDULE OF WORK****Tender No. RailTel/Tender/OT/WR/Wi-Fi/2016-17/50, Dt. 25.03.2017**

**Name of work:** Supply, Installation and Commissioning of Wi-Fi at Bhopal Territory Railway Stations (31 Nos.) Viz., Akola, Amravati, Badnera, Bhusawal, Burhanpur, Chalisgaon, Jalgaon, Khandwa, Manmad, Nasik Road, Shegaon, Ballarshah, Betul, Chandrapur, Wardha, Gondia, Rajnandgaon, Bina, Habibganj, Hoshangabad, Itarsi, Vidisha, Damoh, Katni, Maihar, Pipariya, Rewa, Satna, Saugor, Bharatpur, Sawai Madhopur for Western Region, RailTel

Sr. No.	Description	Unit	Unit Rate (in INR)	Total Qty	Amount (in INR)
1	Plug and play non configurable 1 port Gigabit PoE Injector: Ethernet IEEE802.3af/at, power output upto 30W, voltage boost up to 55VDC for PoE, distance supportable upto 100mtrs. LAN port :10/100/1000Mbps Auto-Negotiation RJ45 LAN port (LAN In), (1) 10/100/1000Mbps Auto-Negotiation RJ45 PoE port (Power+Data Out), (1) power socket (DC In),auto negotiation Power Supply:AC Adapter 230v. 1 mtrs Cat6 cable with both ends terminated on Rj45 connector .	Nos.	2460.26	119	292770.94
2	Supply of 24 core metal strenghtened outdoor unarmored OFC ITU-T G 652-D Make : Finolex, KEC, Sterlite	Mtrs.	26.90	22850	614665.00
3	Supply of 12 core metal strenghtened outdoor unarmored OFC ITU-T G 652-D Make : Finolex, KEC, Sterlite	Mtrs.	13.45	57200	769340.00
4	Supply of straight joint enclouser complete with all accessories as per TEC specification No. GR/OJC-02/02 Sep 2003 with latest amendment for 24 fiber of reputed make Raychem/3M	Nos.	5528.32	87	480963.84
5	Supply of SC - LC Patch Cord (3 Mtr.) (3M, TE Connectivity, R&M make only)	Nos.	136.50	124	16926.00
6	Supply of Single mode SC - LC Patch Cord (1 Mtr.) including installation (3M, TE Connectivity, R&M make only)	Nos.	61.31	2004	122865.24
7	Supply of Single mode SC - SC Patch Cord (1 Mtr.) (3M, TE Connectivity, R&M make only)	Nos.	118.33	776	91824.08
8	Supply of PVC insulated 3 Core 4 Sqmm, 12 AWG, 1.1 KV grade outdoor strengthened Copper cable for UPS supply distribution (unarmored, multistrand) Make : Finolex, Havells.	Mtrs.	122.27	46250	5654987.50
9	Supply of PVC insulated 3 Core 6 Sqmm , 12 AWG, 1.1 KV grade outdoor strengthened Copper cable for UPS supply distribution (unarmored, multistrand) Make : Finolex, Havells.	Mtrs.	184.01	15200	2796952.00

10	Supply of 4Cx10 sqmm power cable, Make : Havells, RPG, XLPE, Finolex	Mtrs.	318.00	9200	2925600.00
11	Supply of Plastic coupler-slip fit/ush fit type for HDPE duct 40/33 mm OD/ ID	No.	54.05	138	7458.90
12	Supply& Installation of SC type FMS of 2*12 Fibre, 19"rack mountable of 1U Height with patch panel for 24 No.s of SC/PC type connectors.FMS supplied with 24 No.s SC/PC type of Pigtails should be of CORNING Make fiber or other reputed firm of length 1.5 Mtrs & 900 microns.). FDMS supplied should be of slider type & of 3M,Raychem,TYCO.	Nos.	15326.35	758	11617373.30
13	Splicing of 12 & 24 Fiber OFC (it includes supply of all related materials)	Nos.	367.83	18192	6691563.36
14	Providing Earthing arrangment (Supply & Installation) for Datacom equipemnt , 3 pis per site, as per RDSO specification No.RDSO / SPN/197/2008 with latest amendment.	Nos.	52311.00	31	1621641.00
15	Supply of 32 mm PVC Conduit Pipe ISI Mark (colour other than black) & Installation , Clamping of the same on wall, pole etc. with required clamps & all other installation material as required. (High Metal Strength)	Mtrs.	49.64	155650	7726466.00
16	Blowing & Drawing of Power /Ethernet /Optical Fiber Cable in PVC Conduit (supplied & installed (Note : Ladder and other required accessories for all kind of cabling works must be carried out by the Contractor/Tenderer). Clamp of suitable size and other fixtures should be provided by the tenderer.	Mtrs.	18.39	155650	2862403.50
17	Supply of 35 mm PVC flexible Pipe ISI Mark & Installation , Clamping of the same on wall, pole etc. with required clamps & all other installation material as required.	Mtrs.	25.75	7750	199562.50
18	Supply & Installation of 20A/SP MCB as per ISI Standard in suitable PVC/Metallic Box of reputed make like Hevells, Hager, Legrand only	Nos.	96.47	265	25564.55
19	Supply & Installation of 63A/SP MCB as per ISI Standard in suitable PVC/Metallic Box of reputed make like Havells, Hager, Legrand only	Nos.	274.07	141	38643.87
20	Supply & Installation of ACDB as per ISI Standard in suitable PVC/Metallic Box with key arrangement for distribution of AC supply (MCBs supplied in items (h) & (I) above)	Nos.	2508.23	79	198150.17
21	Fixing or mounting of (Access Switch/Fiber Switch / UPS) 6U/9U size Rack at suitable height on Wall, Pole. All sorts of Angles, Nuts, Bolts, Clamps and other accesoris required for installation to be supplied by Contractor (Rack will be supplied by RailTel)	Nos.	1291.55	612	790428.60

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22	Installation, Testing & Commissioning Wi-Fi network at station (This includes Fixing and installation of Access switches/Fibre switches/ Aggregator routers/UPS in Racks 6U/9U/42U racks as per plan lay out and fixing of Patch chord as per requirement. Labeling of Racks/ Sticking of proper size as per instructions of Engineer Incharge, RailTel.	Nos.	19157.94	31	593896.14
23	Supply & Installation of 20A/DP MCB of ISI marked with metallic box make like havells, Legrand, Hager	No.	541.99	1053	570715.47
24	Supply & installation of 63 Amp four Pole ISI mark ELCB of reputed make like havells, Indo Asian, Hager, Wintrip, Legrand	No.	2999.00	31	92969.00
25	Supply & Fixing of Cable Route Marker as per Drawings	Nos.	287.81	281	80874.61
26	Supply RCC chamber as per drawing size 1x1x0.6m & as per instructions of Railtel Site In-charge	Nos.	6883.60	85	585106.00
27	Trenching to depth of 1.2 Mtr. & appropriate width for HDPE Duct & backfilling after laying of HDPE in trench.	Mtrs.	71.22	19000	1353180.00
28	Horizontal drilling at a approximately depth of 1.65 m below the formation level of the earth including insertion of two HDPE duct along with couplings etc.	Mtrs.	450.00	4750	2137500.00
29	Laying of HDPE in Trenches and through all types of protections viz HDPE/GI/RCC Pipes etc. as the case may be. (HDPE& OFC will be supplied by RailTel)	Mtrs.	5.35	19000	101650.00
30	Blowing/Pulling/Laying of OFC/Power cable/ Ethernet Cable ( in trenches only) HDPE/ PVC Conduit pipe/Flexible Pipe	Mtrs.	5.37	23750	127537.50
31	Supply and clamping/fixing of PVC Casing-N-Caping of ISI make along with couplers, wherever necessary and as per instructios of Engineer-In-Charge of RailTel (size 100mmx50mm / as per site incharge)	Mtrs	240.12	6200	1488744.00
32	Supply of Ladder 67mm x 31 mm x 3.15 mm with following specifications: 1) Ladder 12 feet height 2) Foldable 3) Type A with Top arrangement 4) Consisting both side steps. 5) With chain and lock arrangement.	No	13862.00	31	429722.00
33	Supply of Laptop 15.6" full HD, 6th Gen, Core i5, 12 GB Ram, 1TB HDD, Touch Screen, Win10 or higher version/specifications. Warranty as per OEM. Make : Dell / HP/ Lenovo.	No	43999.00	10	439990.00
34	Transportation of material from Store to Site and vice versa (it includes loading & un loading of all Materials along with labour cost and un-used materials to be returned to stores).	LS	10000.00	31	310000.00
	<b>TOTAL COST IN FIGURES (Rounded Off)</b>				<b>5,38,58,035.00</b>
	<b>TOTAL COST IN WORDS (RUPEES FIVE CRORE THIRTY EIGHT LAKHS FIFTY EIGHT THOUSAND AND THIRTY FIVE ONLY)</b>				

i.	I/we undertake to execute the work of schedule of work at -----% (in words-----percent), At Par/below/above of the RailTel's total estimated cost of schedule of work mentioned above.
ii.	It is certified that I/we have inspected the site of work and acquainted myself or ourselves with local conditions.
iii.	I/we have carefully gone through the specifications. Additional special conditions etc attached with the tender document.
iv.	I/we undertake to keep this offer valid for period indicated in Tender from the date of opening of Tender and further not to revoke the same before the expiry of such period.

Signature and Seal of the Tenderer

Note for Guidance	[i] Tenderer should quote his single percentage rate in row (i) above only, At par Above/Below the RailTel's estimated cost of work.
	[ii] The single percentage rate to be quoted both in figures and words.
	[iii] Tenderer shall quote all inclusive rates, but there should be break up of basic price and all type of applicable taxes. Since it is percentage basis tender, each SOR item applicable the same percentage quoted by the contractor for concluding base rates. Concessional rate of VAT/Sales Tax/Services Tax shall be charged and against this, Form C will be provided to the tenderer.
	[iv] If none of the above/below/at par is ticked by the tenderer, the quoted single percent will be treated below the RailTel's estimated rate.
	[v] Any discrepancy in rate quoted in figure and words, rate quoted in words will prevail. Calculation mistake, if any, will be corrected and evaluated accordingly.
	[vi] All prices shall be inclusive of all taxes/duties as applicable at present. RailTel will deduct income tax at source as per rates in vogue and service tax liability shall be discharged as per service tax rule.

Signature and Seal of the Tenderer