



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

CORRIGENDUM-I

Tender No. RailTel/Tender/OT/WR/Wi-Fi/2016-17/48

Date: 11.04.2017

Sub: - Supply, Installation and Commissioning of Wi-Fi at Mumbai Territory Railway Stations (13 Nos.) over Western Region of RailTel - **Corrigendum.**

Ref: - Tender Notice No. RailTel/Tender/OT/WR/Wi-Fi/2016-17/48, Dt.25.03.2017.

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 & 120	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/2016-17/48 is replaced by Annexure-A (Attached). Contractor is requested to quote their offer as per the revised SOR.

All other terms and conditions of the tender remain same. This corrigendum is available at RailTel's website 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/2016-17/48, Dt. 25.03.2017**

Name of work: Supply, Installation and Commissioning of Wi-Fi at Mumbai Territory Railway Stations (13 Nos.) Viz., Lonavala, Kolhapur, Miraj, Ahmednagar, Daund, Kopargaon, Kurduwadi, Latur, Sainagar Shirdi, Navsari, Udhana, Valsad, Vapi 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	48	118092.48
2	Supply of 24 core metal strenghtened outdoor unarmored OFC ITU-T G 652-D Make : Finolex, KEC, Sterlite	Mtrs.	25.12	10070	252958.40
3	Supply of 12 core metal strenghtened outdoor unarmored OFC ITU-T G 652-D Make : Finolex, KEC, Sterlite	Mtrs.	12.56	11775	147894.00
4	Supply of Single mode SC - LC Patch Cord (1 Mtr.) including installation (3M, TE Connectivity, R&M make only)	Nos.	57.25	585	33491.25
5	Supply of Single mode SC - SC Patch Cord (1 Mtr.) (3M, TE Connectivity, R&M make only)	Nos.	110.50	335	37017.50
6	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	10475	1280778.25
7	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	4170	767321.70
8	Supply of 4Cx10 sqmm power cable, Make : Havells, RPG, XLPE, Finolex	Mtrs.	318.00	1280	407040.00
9	Supply of Plastic coupler-slip fit/ush fit type for HDPE duct 40/33 mm OD/ ID	No.	46.87	34	1593.58

10	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.	14313.15	197	2819690.55
11	Splicing of 12 & 24 Fiber OFC (it includes supply of all related materials)	Nos.	343.52	4728	1624162.56
12	Providing Earthing arrangement (Supply & Installation) for Datacom equipment, 3 pis per site, as per RDSO specification No.RDSO / SPN/197/2008 with latest amendment.	Nos.	52013.43	12	624161.16
13	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	36839	1828687.96
14	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.	17.18	40139	689588.02
15	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.	24.05	3135	75396.75
16	Supply & Installation of 20A/SP MCB as per ISI Standard in suitable PVC/Metallic Box of reputed make like Hevels, Hager, Legrand only	Nos.	90.09	49	4414.41
17	Supply & Installation of 63A/SP MCB as per ISI Standard in suitable PVC/Metallic Box of reputed make like Havells, Hager, Legrand only	Nos.	255.95	49	12541.55
18	Supply & Installation of ACDB as per ISI Standard in suitable PVC/Metallic Box with key arrangement for distribution of AC supply (MCBs supplied above)	Nos.	2342.41	13	30451.33
19	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.	1206.17	143	172482.31
20	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/ Stickers of proper size as per instructions of Engineer Incharge, RailTel.	Nos.	17891.44	13	232588.72

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21	Supply & Installation of 20A/DP MCB of ISI marked with metallic box make like havells, Legrand, Hager	No.	672.17	143	96120.31
22	Supply & installation of 63 Amp four Pole ISI mark ELCB of reputed make like havells, Indo Asian, Hager, Wintrip, Legrand	No.	2999.00	13	38987.00
23	Supply & Fixing of Cable Route Marker as per Drawings	Nos.	249.42	30	7482.60
24	Trenching to depth of 1.2 Mtr. & appropriate width for HDPE Duct & backfilling after laying of HDPE in trench.	Mtrs.	66.52	1800	119736.00
25	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	1800	9630.00
26	Blowing/Pulling/Laying of OFC/Power cable/ Ethernet Cable (in trenches only) HDPE/ PVC Conduit pipe/Flexible Pipe	Mtrs.	5.01	2200	11022.00
27	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	224.24	600	134544.00
28	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	11	152482.00
29	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	6	263994.00
30	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	13	130000.00
31	Supply & Installation and commissioning of Split Air Conditioner 2.0 T - 5 Star rating along with Change over unit, Copper pipe (10 feet), drain pipe, bracket other accessories Make: Carrier / Hitachi / LG	No.	49275.00	4	197100.00
32	Supply and Installation of voltage Stabilizers (5 KVA) must be packed with features like copper windings, automatic restart, Efficiency (>96 %), time delay and indication of high/ low voltage cut off, Transformer design (E & I (Single Step) and Torodial, Fire proof sleeve on transformer). These features provide efficient and reliable protection to room air conditioners. The stabiliser must be suitable upto 2 ton air conditioner and warranty of 3 year Make: V-Guard, Microtek, Hitachi	No.	2543.33	4	10173.32

33	Supply of AC-DC Clamp meter(Fluke 302/302/304, Meco 2003A/3636 etc)	No.	4669.67	13	60705.66
34	Supply of Visual Fault Locator Model: FFL-50 (or) latest, Make of JDSU	No.	10673.64	13	138757.31
TOTAL COST IN FIGURES					1,25,31,087.00
TOTAL COST IN WORDS (RUPEES ONE CRORE TWENTY FIVE LAKHS THIRTY ONE THOUSAND AND EIGHTY SEVEN ONLY)					

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