Corrigendum No. 1		**Date : 15.09.2021**

IREPS E-Tender Notice No:WR_WORKSHOPS_WIFI Dated 03.09.2021

Name of the Work : "Supply, Installation and Commissioning of Wi-Fi in 5 Workshop of Western Railway"

Corrigendum No. 1 is proposed herewith ad details below:

Clause No/Page No.	**As per Tender**	**To be read as**
Item of Work Sr. No. 30 (Page No 15) of Tender Document.	Mid- Range Outdoor Access Point with Cloud/Appliance based Wireless Controller and mounting accessories : Cisco AIR-AP1542I-D	Mid- Range Outdoor Access Point with Cloud/Appliance based Wireless Controller and mounting accessories. **Specification of Item/SOR as per Annexure-I**
Open E-Tender Notice: a) Closing date for Submission of E-Bids	Up to 15:00 hrs of 27.09.2021 (online)	Up to 15:00 hrs of 04.10.2021 (online)
Open E-Tender Notice: b) Date of opening of E-Bids	Up to 15:30 hrs. of 27.09.2021 (online)	Up to 15:30 hrs. of 04.10.2021 (online)
Last Date of Submission of Offer	Last Date of Submission of Offer (Online) Date: 27.09.2021 Time: 15:00 hours	**Last Date of Submission of Offer (Online)** Date: 04.10.2021 Time: 15:00 hours
	Date of Opening of Tender (Online) Date: 27.09.2021 Time: 15:30 hours	**Date of Opening of Tender (Online)** Date: 04.10.2021 Time: 15:30 hours

All other terms and conditions of the Tender remains the same.

(Rajendra Malakar)
Joint General Manager/WR/RailTel
For RailTel Corporation of India Limited, Mumbai

Annexure-I	
Feature	**OUTDOOR 2x2 AP**
Peak Throughput	Upto 1.27Gbps
Wi-Fi Standard Support	802.11 a/ b/g/n/ac/ac Wave 2
No. of Radios	Dual concurrent 2.4 GHz and 5 GHz (with extended 5 GHz channel support, country-specific restrictions apply)
MU-MIMO	2x2:2
Max Transmit Power	2.4GHz-upto 27dBm and 5GHz-upto 27dBm
Antenna Type	External antenna
Antenna Gain	6 dBi
Concurrent User Support	190
Channel Bandwidth	20,40,80MHz
Modulation	Upto 256QAM
Wireless Security	WPA-Personal, WPA2-Personal, WPA2-Enterprise, EAPType (EAP-TLS, EAP-TTLS/MSC HAPv2, PEAPvO/ EAP-MSCHAPv2 ,PEAPvl / EAP-GTC, EAP-SIM,EAP-AKA,EAP-AKA Prime, EAP-FAST), Protected Management Frames
WAN Protocols	Static 1Pv4/ 1Pv6, DHCP clientv4/v6
Mesh Support	Self-creating, Self-healing Mesh
Maximum number of SSID (per radio)	16
Ethernet support/ Ports/ Interface	1 X 10/ 100/1000 BASE-T Ethernet
Rogue AP Detection and Prevention	Yes
Receiver Sensitivity	-97 dBm or better
Power Supply	IEEE 802.3af PoE
Power Consumption (Max)	12W
Wireless QoS	WMM (802.11e)
Band Steering Support for Dynamic RF	Yes
Encryption Supported	WPA-Personal, WPA2-Personal, WPA2-Enterprise, EAP Type (EAP-TLS, EAP-TTLS/MSCHAPv2, PEAPv0/EAP-MSCHAPv2, PEAPv1/EAP-GTC, EAP-SIM, EAP-AKA, EAP-AKA Prime, EAP-FAST), Protected Management Frames
Support for 802.1q VLAN tagging	Yes
Support for Beam forming	Yes
Support for load balancing between 2.4GHz and 5GHz	Yes
Management	Standalone (via GUI) or through appliance-based WLC and EMS or cloud-based Controller
Enclosure Type	Two-piece enclosure w ith UV protected ABS+PC top and bottom body, and aluminium heat sink at bottom
IP Rating	IP 67
LED Indicators	Separate LEDs for Power, 2.4GHz, 5GHz
Operating Temperature	-15°C to 60°C
Humidity	5 to 95% (non-condensing)
Certifications and Compliance	FCC Class A, CE, Passpoint 2.0, WPC, IP67, IEC 60215, IEC-60950-1