

## **Detail Engineering, Procurement and Construction Works for Establishment of IT/Hi-tech Park at District Level (12 Districts)**

Lot-1 at Districts - Rangpur, Natore, Jamalpur, Mymensingh

Lot-2 at Districts - Gopalganj, Barishal, Dhaka, Khulna

Lot-3 at Districts - Cumilla, Sylhet, Chattogram, Cox's Bazaar

### **Corrigendum for International Tender Notice (Indian bidders only)**

1. The following clauses to be read as per the following table:

S. NO	TENDER REFERENCE	AS PER TENDER DOCUMENT	Amended as
1	Volume-V (Section 8B) Pg 217 (IP-PBX system) and other relevant Technical specifications and BOQ items	The products must comply with Safety and EMC standards, including FCC, UL/TUV, CE, and the RoHS directive.	TEC certification shall also be applicable.
2	Volume-V (Section 8B) Pg 245 (Load balancer) and other relevant Technical specifications and BOQ items	The WAF should be ICASA certified.	NDcPP/NDPP/equivalent TEC certification shall also be considered.
3	Volume-V (Section 8B) Page 221,222 (Type -1, Type-2 IP phone) and other relevant Technical specifications and BOQ items	SIP phone should be from the same OEM of IP telephony system	IP-PBX and SIP phones can be from separate vendors. However, seamless inter-operability of features has to be ensured by the vendor.
4	Volume-V (Section 8B) Page 252 - (Wireless Controller-13) and relevant BOQ items	All the switches, Wireless controller, Access Points and the fiber modules should be from the same OEM. The IOS for all the switches should be on the same platform. The OEM should have R&D center in India. The OEM should have at least 2 RMA depot in India and should have India Toll free number with India TAC center - reflected on the official website. The OEM should be present in Gartner in leader quadrant for wired and wireless.	The switches, Wireless controller, Access points and fiber modules can be from separate OEMs. However, seamless inter-operability of features has to be ensured by the vendor. The OS for all the switches should be on the same platform. Valid TYPE approval issued by TEC shall also be considered
5	Volume-V (Section 8B) Page 257(2.11-NMS) and other relevant Technical specifications and BOQ items	Must be from the same OEM for active components	Preferably NMS and all active components shall be from same OEM. However, if NMS and active components are from separate OEMs, all active components must be provided with their respective

			management systems for integration with NMS. In all cases, seamless inter-operability of features has to be ensured by the vendor.
6	Volume-V (Section 8B) Page 227(Core switch-1.2), 245 (Load balancer) and other relevant BOQ items	The OEM should be present in the latest Gartner magic quadrant for Wired and wireless, Data center segment for leader/challenger quadrant. The OEM should be present in latest Gartner Magic quadrant for wired and wireless segment for leader /Challenger quadrant. The OEM should be present in Latest Gartner Quadrant for Data center segment as well for leader/challenger segment.	Valid TYPE approval issued by TEC shall also be considered.
7	Volume-V (Section 8B) Page 227(Core switch-1.10), 230(Distribution switch 1.10), 233(Access switch-1.10), 236(Core switch-1.10) and other relevant Technical specifications and BOQ items	All the Transceivers/Modules used to connect the Switches should be from the same OEM/make of the switches only	The Transceivers/Modules used to connect the Switches can be from separate OEM/make than that of the switches. However, seamless inter-operability of features has to be ensured by the vendor.
8	Volume-V (Section 8B) Page 230(2.2-Distribution switch-1.2), 233(access switch-1.2),236(Core switch-1.2) and other relevant Technical specifications and BOQ items	Must have EAL3 /NDCPP or above common criteria certification.	Valid TYPE approval issued by TEC with all features including IPV6 support shall also be considered.
9	Volume-V (Section 8B) Page 247(2.7-Indoor access points), 249(Outdoor access points) and other relevant Technical specifications and BOQ items	Certification -Wi-Fi Alliance (WFA) certified 802.11 a/b/g/n/ac	TEC certification shall also be applicable.
10	Volume-V (Section 8B) Page 247(2.7-Indoor access points), 249(Outdoor access points) and other relevant Technical	Access points must have WiFi Alliance certification for WPA2 Enterprise	TEC certification shall also be applicable.

	specifications and BOQ items		
11	Volume-V (Section 8B) Page 246(Indoor access points-4.5), 248(Outdoor access points-4.5) and other relevant Technical specifications and BOQ items	Must have an dynamic or smart RF management features which allows WLAN to automatically and intelligently adapt to changes in the RF environment	The text shall be replaced by –  Must have RF management features which allows WLAN to automatically and intelligently adapt to changes in the RF environment
12	Volume-V (Section 8B) Pg 273,276 (Industrial grade switches)	Self recover time in < 20ms	The lines shall be replaced by –  Self recover time in < 50ms
13	Volume-V (Section 8B) Pg 8, Pg 140, Pg 199. Pg 284. 356, 391, 448, 471, 491, 523, 575, 607 and other relevant Technical specifications and BOQ items  Volume-IV (Section 8A) Pg 204, 207 and other relevant Technical specifications and BOQ items	List of Approved make brand for Electrical works, List of Approved make brand for Internal Electrical works, Approved makes(Fire & Gas detection and Alarm system), List of Approved makes (ELV), List of Approved makes (AV), Plumbing Approved makes, List of Approved makes(PWT), List of Approved makes of material (STP), List of Approved makes of materials for firefighting work, Makes of equipment(HVAC), List of Approved makes for BMS.  List of approved makes for Architecture and Interior, List of approved makes for Structure	All approved makes mentioned anywhere in the document shall be considered followed by words “or equivalent”  For List of approved makes (LV) a) IP-PBX system, IP phones-Tadiran/Cisco /Polycom/Juniper / Cambium will exist and Panasonic ,Seimens are added to approved makes.  b) For Wifi, Router, Switches only TejasNetworks have been added to approved makes.
14	Volume-V (Section 8B) Pg 311(Advance Speaker strobes) and other relevant Technical specifications and BOQ items	The Speaker Strobe appliance shall be listed to UL 1971 and UL 1480 and be approved for fire protective signaling systems. It shall be a dual-voltage transformer speaker strobe capable of operation at 25.0 or 70.7 nominal Vrms. The speaker shall have a frequency range of 400 to 4,000 Hz and shall have an operating temperature between 32°F and 120°F.It shall mount to a 4x4x 21/8-inch back box.	The following lines shall be removed:  It shall mount to a 4x4x 21/8-inch back box. The same shall be as per approved brand and sample during construction stage.
15	Volume-V (Section 8B) Pg 330-331(Digital Integrated System manager/Controller) and other relevant Technical specifications and BOQ items	Dimension (W×H×D): 482 mm×88 mm ×420mm  Mount dimension (W×H×D): 580mm×235mm ×552mm	The specified details stand deleted and shall be as per approved brand and sample during construction stage.

		<p><b>Net weight: 9.3Kg</b></p> <p><b>Gross weight: 12.5Kg</b></p>	
16	Volume-V (Section 8B) Pg 332 (Power Amplifier) and other relevant Technical specifications and BOQ items	<p><b>Product dimensions (width × height × depth): 88mm × 440mm × 440mm</b></p>	The specified details stand deleted and shall be as per approved brand and sample during construction stage.
17	Volume-V (Section 8B) Pg 333-334 (Loudspeakers) and other relevant Technical specifications and BOQ items	<p><b>Dimensions (Φ x H): Φ180 mm x 55 mm</b></p> <p><b>Hole cut-out size: 150 mm</b></p> <p><b>Size of speaker: 5”</b></p> <p><b>Weight: 0.71 kg</b></p> <p><b>Colour: White (RAL 9010)</b></p> <p><b>Weight of Magnet:117 g</b></p>	The specified details stand deleted and shall be as per approved brand and sample during construction stage.
18	Volume-V(Section 8B) Pg 334 ( wall mounted speakers) and other relevant Technical specifications and BOQ items	<p><b>Dimensions (W x H x D): 260 x180 x 120 mm</b></p> <p><b>Weight: 1.08 kg</b></p> <p><b>Colour: White (RAL 9010)</b></p> <p><b>Weight of Magnet: 115 g</b></p>	The specified details stand deleted and shall be as per approved brand and sample during construction stage.
20	Volume-V(Section 8B) Pg 335 (Horn loudspeaker) and other relevant Technical specifications and BOQ items	<p><b>Dimensions (diameter x height) : 225 X 165 X 240mm</b></p> <p><b>Weight: 1.38 kg</b></p> <p><b>Colour: White (RAL 9010)</b></p>	The specified details stand deleted and shall be as per approved brand and sample during construction stage.
21	Volume-V(Section 8B) Pg 335 (Sound projection speaker) and other relevant Technical specifications and BOQ items	<p><b>Dimensions (W x H x D): 170 x170 x 63 mm</b></p> <p><b>Size of speaker: 6.5 “</b></p> <p><b>Weight: 1.28 kg</b></p> <p><b>Color: White</b></p>	The specified details stand deleted and shall be as per approved brand and sample during construction stage.
22	Volume-V (Section 8B) Pg 340 (Smart card reader) and other relevant Technical specifications and BOQ items	<p><b>10. Dimensions: 80W X 83 H X 21 D</b></p> <p><b>12. Colour: Black</b></p>	The specified details stand deleted and shall be as per approved brand and sample during construction stage.
23	Volume-V (Section 8B) Pg 343 (Boom barrier) and other relevant Technical specifications and BOQ items	<p><b>Housing Dimension (WxDxH): 200x380x1080 mm approximately</b></p>	The specified details stand deleted and shall be as per approved brand and sample during construction stage.

		<b>Boom Specification: The Booms shall be extruded aluminium with rectangular profile 101mm. X 44mm. X 2 mm. shall be the structure of the profile</b>	
24	<b>Volume-V (Section 8B) Pg 345 (Cat-6 cable) and other relevant Technical specifications and BOQ items</b>	<b>UL Listed and Third Party verified by ETL to “ANSI/TIA/EIA-568-B-2.1” specifications.</b>	<b>Equivalent TEC certification shall also be considered</b>
25	<b>Volume-V (Section 8B) Pg 348 (Turnstile) and other relevant Technical specifications and BOQ items</b>	<b>Overall dimensions (HxLxW): - with barrier arms 1000x1083x684 mm without barrier arms 1000x1083x260 mm</b>	<b>The specified details stand deleted and shall be as per approved brand and sample during construction stage.</b>
26	<b>Volume-V(Section 8B) Pg 362 (Ceiling/Wall mounted speaker) and other relevant Technical specifications and BOQ items</b>	<b>Speaker Dimension / Weight: 11.2 cm H x 25.4 cm Diameter (2.1 kg) Woofer size: 18 cm, Tweeter size: 2.54 cm</b>	<b>The specified details stand deleted and shall be as per approved brand and sample during construction stage</b>