

**Corrigendum III**

**Tender Number - Tender No. AIESL/PPMM/HQ/17/230197**

**Date - 04.07.2023**

**Subject - Hiring a Service Provider for Networking and Infrastructure to AIESL on CAPEX Model**

S.No	Volume/Section /Clause No.	Page No.	Bid Specifications	Shall be read as follows
1	Annexure 1, L2 Switch	Page No. 34	L2 Switch 24*10/100/1000 Base-T RJ45 ports, 4*1G/2.5G SFP ports	L2 Switch 24*10/100/1000 Base-T RJ45 ports, 4*1G/10G SFP ports
2	Annexure 1, 7.1 SDWAN Controller Point no .9b	Page No. 28	Must support a minimum RAM capacity of 8 GB and upgradable to 64 GB	Must support a minimum RAM capacity of 16 GB or more
3	Annexure 1, 7.1 SDWAN for Branches	Page No. 31	IPsec implementation should be IETF compliant & Router should have minimum 5000 IPsec Tunnels.	IPsec implementation should be IETF compliant & Router should have minimum 500 IPsec Tunnels.
4	Annexure 1, 7.1 SDWAN for Branches Management	Page No. 33	It should be appliance/VM Based solution which must support minimum 300 SDWAN devices at Day 1. Appropriate hardware to be included in the solution. Also, if device count go beyond the capacity, it should support clustering function to support management role	It should be appliance/VM Based solution which must support minimum 50 SDWAN devices at Day 1. Appropriate hardware to be included in the solution. Also, if device count goes beyond the capacity, it should support clustering function to support management role
5	Annexure 1, 6.1 SDWAN Solution for Branches Central Logging and Reporting	Page No. 17	Each location will be having primary ILL/ILL link and a secondary connectivity from any other TSP/ISP	Each location will be having primary ILL link and a secondary connectivity from any other TSP/ISP  The bidder has to provide a link with coordination with ISP and the client (AIESL). A tripartite agreement between the bidder, ISP and AIESL will be signed, specifying the roles and responsibilities. The Role of the bidder is to acquire a quote from the ISP, share the same with AIESL, take approval and facilitate connectivity from ISP at the required locations.  <b>The bidder is required to give undertaking to this effect that quote from the ISP shall be arranged for the required locations.</b> The first preference will be given to MTNL / BSNL, and in the case MTNL / BSNL service is not available at the location, other ISP can be considered
6	Annexure 1, 6.13 Other Requirements Point no. 6	Page No. 27	SUCCESSFUL BIDDER should do all internal cabling where required till network rack for successful commissioning of the required link. Such additional cabling should be billed to AIESL on actuals and agreed upon pricing.	It should be as per actual. Financial format(form-8) has been modified and passive cabling line item has been removed.

7	Annexure 1, 7.1 SDWAN Controller Point No. 4	Page No. 28	The Controller appliance must have minimum 4 * 1/10G SFP+ ports and 4*10G ports populated from day 1 and two separate out of band 1 Gbps management port. These interfaces must be 802.3 compliant.	The Controller appliance must have minimum 4 * 1/10G SFP+ ports and 4*10G ports populated from day 1 and two separate 1Gbps management port. These interfaces must be 802.3 compliant.
8	Annexure 1, 7.1 SDWAN Controller Point no .28	Page No. 29	The solution must support RADIUS and TACACS+ for authenticated administrator access.	The solution must support RADIUS or TACACS+ or equivalent for authenticated administrator access.
9	Annexure 1, 7.1 SDWAN Controller Point no .47	Page No. 31	The solution should bundle all Licenses and should be perpetual	The SDWAN controller licenses will be perpetual, and all security licenses will be subscription based.
10	13 - Forms and Format Form 8A	Page No. 67	SD WAN Controller - Quantity -1 L2 Access Switch - Quantity - 202	SD WAN Controller - Quantity -2 <b>L2 Access Switch - Quantity - 100</b> SD WAN Branch Routers- 26 <b>Bidder is required to hold the rates for all the above hardware for period of ONE YEAR from the date of award of the contract. The same to be confirmed in their price bid.</b>
11	Annexure 1, 6.2 Bandwidth Requirements	Page No. 19	CSP Cloud	This clause is deleted
12	Annexure 1, 7.1 SDWAN Controller Point No. 12	Page No. 28	Quality decisions used in path selection must be unidirectional, with support for asymmetric routing. Round trip latency measurements are not considered unidirectional.	Quality decisions used in path selection must be unidirectional/bidirectional, with support for asymmetric routing.
13	Annexure 1, 7.1 SDWAN Controller Point No. 29	Page No. 30	The solution should support routing domains that allow for building multiple virtual networks that separate traffic, can carry overlapping IP address ranges. On Day 1 as data center is aggregated location and to separate the traffic between different departments/domain, should have minimum 10 domain support.	The solution should support routing domains that allow for building multiple virtual networks that separate traffic, can carry overlapping IP address ranges using VDOMS/VRF. On Day 1 as data center is aggregated location and to separate the traffic between different departments / domain.
14	Annexure 1, 6.1 SDWAN Solution for Branches Security	Page No. 32	Proposed solution must support creation of logical separate sub- domain within single physical devices to separate different kind of networks. This should support minimum 10 sub-domain on day 1	Proposed solution must support creation of logical separate sub- domain within single physical devices to separate different kind of networks using VDOMs or VRF's.
15	8. Evaluation Criteria 8.2 Financial Capacity	Page No. 37	Make in India: To encourage 'Make in India' and promote manufacturing and production of goods and services in India with a view to enhancing income and employment, Department of Promotion of Industry and Internal	All the Products need to comply with Make in India initiative of Govt of India for and as per respective classes defined by all departments of Govt of India.

			Trade (DPIIT), Ministry of Commerce and Industry, Government of India, issued Public Procurement (Preference to Make in India), Order201711. The order is issued pursuant to Rule 153 (iii) of GFR, 2017.	
16	13 – Forms and Format  Form 3	Page No. 61	As per format the bidder should provide the declaration	The declaration has to be provided by the OEM and submitted by the bidder.  Also, as per MII clause, Class 1 is 60% and above and Class 2 is 20% and above.  Form -3 has been updated
17	Annexure 1,  7.1 SDWAN for Branches  Interfaces	Page No. 32	Minimum 8 Ethernet Interfaces out of which 4 should be SFP Based from day 1	Minimum 6 Interfaces out of which 2 should be SFP+ Based from day 1 and Redundant Power Supply at controller only.
18	13 – Forms and Format  Form 2	Page No. 60	We do hereby also confirm that we are not participating either as a sole Bidder or as a partner of a Joint Venture Bidder against the above Invitation of bids.	Form heading changed to <b>“Manufacturer's Authorization Form (MAF)”</b>
19	Annexure 1,  7.1 SDWAN for Branches  General	Page No. 31	Should support RADIUS and TACACS+	Should support RADIUS or TACACS+ or equivalent
20	10. Special Condition of Contract  Clause No. 10.12 – Limitation of Liability	Page No. 51	SP shall not in any event be liable for any special, indirect, incidental, punitive, exemplary, or consequential damages except with respect to the bodily injury (including death) and damage to real and tangible personal property caused by AIESL's / SP's negligence / fraud / willful misconduct.	AIESL shall not in any event be liable for any special, indirect, incidental, punitive, exemplary, or consequential damages except with respect to the bodily injury (including death) and damage to real and tangible personal property caused by AIESL's negligence / fraud / willful misconduct.  The Liability amount will be limited to the contract value.
21	9. General Condition of Contract  Point No. 25	Page No. 42	Addition	The Bidder should not have been blacklisted/ debarred by any Central Government/ State Government/ PSU or any other Government Institution/ Authority in India/ Multi-lateral funding agency. Also, have not been under any legal action for indulging in corrupt practice, fraudulent practice, coercive practice, undesirable practice, breach of contract or restrictive practice with any Indian Central Government/ State Government in last three (3) years as on bid submission date and the same must have been revoked prior to bid submission

				<b>The Bidder shall furnish an undertaking signed by CEO/ Country Head/ Authorized signatory of the company to be provided on Non - judicial stamp paper of INR 100/- or such equivalent amount.As per the form no. 16</b>
22	Annexure 1, 6.2 Bandwidth Requirements	Page No. 19	Table – Site wise Switch Quantity Total Quantity – 202	Please refer below table -1 for the site wise switch requirement <b>Total Quantity – 100</b>
23	Security Deposit Clause no.9.6		Successful bidder is required to deposit (SD) or PBG for 3% of the contract value.....	Successful bidder is required to deposit <b>(SD) or PBG for 5%</b> of the contract value.....

**The last date of submission of Bids has been extended to 20<sup>th</sup> July 2023, upto 1400 hrs in our Tender Box located at 2<sup>nd</sup> Floor, CRA Building, Safdarjung Airport, New Delhi-110003 in the office of AIESL HQRS.**

**The bids opening date has also been extended upto 1430 hrs of 20<sup>th</sup> July 2023. The Bidders who are interested to attend the Tender opening event may do so alongwith the authorization letter from the authorized signatory of the bidding company.**

**Table -1**  
**Distribution of Switches location wise (Revised)**

City Location	Office Name	Office Address	Count of EUDs	Switch Count	Primary Connectivity ILL	Bandwidth	Secondary Connectivity Broadband	Bandwidth
New Delhi	T2 - New Avionics Complex	New Avionics Complex, Terminal 2, IGI Airport, Opp New Custom House, New Delhi, Delhi 110037	Printer: 154 Desktop: 444 Laptop: 3	19	Yes	100 Mbps	Locally procure	50 Mbps
	T1 - Engg/Training School	Air India MTO, Terminal 1, Group - A, Indira Gandhi International Airport, New Delhi, Delhi 110037	Desktop: 15	1	Yes	10 Mbps	Locally procure	5 Mbps
	T3 - Engg	Air India, IGI Airport, Terminal 3, International Pier, New Delhi 110037	Printer: 40 Desktop: 103	0	Yes	30 Mbps	Locally procure	15 Mbps
	T3 - EMF	Air India Engineering services, EMF building, IGI Airports, Terminal-II, New Delhi-110037	Desktop: 30 Printer: 6	0	Yes	10 Mbps	Locally procure	5 Mbps
	HQ - Safdarjung	AIESL, 2nd Floor CRA Building, Safdarjung Airport, Delhi - 110003. AIESL Basement, Reservation Building, Safdarjung Airport, Delhi - 110003	Printer: 39 Desktop: 45 Laptop: 18	2	Yes	150 Mbps	Locally procure	50 Mbps
Kolkata	NTA	New Technical Area, Dum Dum, Engineering Complex, NSCBI Airport, Kolkata-700052.	Printer: 50 Desktop: 170 Laptop: 7	14	Yes	40 Mbps	Locally procure	20 Mbps

	Hangars	Air India , NEW HANGAR NSCB AIRPORT ,KOLKATA, PINCODE = 700061						
Mumbai	NEC	Hangar (Narrow Body) and Hanger (Wide Body) Air India Ltd ,New Engineering Complex,Near ChakalaCigare teFactory,Bam anwada , Sahar Vile- parle (E), Mumbai Pin code 400099	Printer: 107 Desktop: 305 Laptop: 2	11	Yes	100 Mbps	Locally procure	50 Mbps
	OAP	Santacruz,OAP -Air-india (Data center Mumbai-OAP) , Mumbai- 400029	Printer: 117 Desktop: 431 Laptop: 17	19	Yes	120 Mbps	Locally procure	50 Mbps
Nagpur	MRO NAG	Air India Ltd Service , Provider Room MRO Facility,AIESL Plot No 1 Sec No 9 Notified Area SEZ Mihan NAGPU R.	Printer: 38 Desktop: 104 Laptop:	21	Yes	50 Mbps	Locally procure	20 Mbps
Hyderabad	Shamsh abad	General Manager, AI Engineering Services Ltd. & Station Head, Air India Ltd, Hyderabad.En gineering MRO Complex. RGIA Airport, Near Gate No. 3, Shamshabad. HYDERABAD - 500108.	Printer: 70 Desktop: 146 Laptop: 2	9	Yes	50 Mbps	Locally procure	20 Mbps
Bengaluru	BLR	SIC office, AIESL, 2nd floor RCC building, KIAL, Bangalore. Front Line Stores, AIESL, Ground Floor, RCC Building, KIAL, Bangalore.	Printer: 11 Desktop: 22 Laptop: 6	0	Yes	10 Mbps	Locally procure	5 Mbps
Chennai	MAA	DY. GENERAL MANAGER (ENGG.) AIESL, NEW ENGINEERING HANGAR	Printer: 6 Desktop: 27 Laptop:	2	Yes	10 Mbps	Locally procure	5 Mbps

		INTEGRATED SERVICE COMPLEX MEENAMBAK KAM CHENNAI - 600 016						
Thiruvananthapuram	Hangars	AI Engineering Services Ltd. Maintenance Facility (Hangar) Opp: KSEB, Near Trivandrum International Airport, Chackai, Trivandrum Kerala - 695007	Printer: 14 Desktop: 51 Laptop: 3	1	Yes	10 Mbps	Locally procure	5 Mbps
	MTO	Maintenance Training Organisation, AI Engineering Services Limited, Next to Mascot Hotel, Palayam, Thiruvananthapuram 695 033 Kerala.	Desktop: 17	1	Yes	5 Mbps	Locally procure	3 Mbps
CSP Cloud					Yes	200 Mbps	Locally procure	100 Mbps
Switch count				<b>100</b>				