

Annexure - 15Bill of MaterialFORMAT FOR COMMERCIAL BID

Ref: KaGB/Project Office/RFP/01/2024-25 dated 27.05.2024

1. Name of Bidder :
 2. Address of Corporate Office :

Table-I - Cost of SD-WAN(Amount in ₹ Excluding GST)

Sl. No.	Items	Unit Price (a)	Qty (b)	Total price (a x b)
1.	SD-WAN Central Devices (Controllers and Mangers) (for Location Type C) & DataHub for DC & DRC (HA mode at both the locations) including the charges of software, installation, other charges if any, inclusive of all IO pluggable and power modules (As per the Technical specifications & scope of work mentioned in RFP) with 3 years' warranty		4 (Two for DC with HA purpose and Another two for DRC with HA)	
2.	SD-WAN Central Gateway Router (for Location Type B) 6 port (Controllers and Mangers) & DataHub for DC & DRC (HA mode at both the locations) including the charges of software, installation, other charges if any, inclusive of all IO pluggable and power modules (As per the Technical specifications & scope of work mentioned in RFP) with 3 years' warranty		8 (Two for each critical location with HA for Four Locations)	
3.	SD-WAN Edge (4 port) Devices (for Location - Type A) including the charges of software, installation, other charges if any, inclusive of all IO pluggable and power modules (As per the Technical specifications & scope of work mentioned in RFP) with 3 years' warranty		1900	
4.	Interface converter - Either Serial to Ethernet or Fiber to Ethernet		100	
A.	Total of items (1) to (4) above	***	***	

TABLE II - Cost of NMS, NCCM, Net flow and Log Management Components:
(Amount in ₹ Excluding GST)

Sl. No	Description	Unit Price (a)	Qty* (b)	Total price (a x b)
1	<p align="center">Cost of NMS Solution (Application Software, Hardware, OS & DB)</p> <p>Cost of NMS Solution with adequate Hardware/Appliance, Operating system Licenses, Database Licenses with High Availability, including supply, implementation and integration and 3-year warranty as per technical specifications for NMS.</p> <p>The sizing should be as per the requirements mentioned in the *Note after this table, with single management console.</p>		3 (Two numbers at DC with HA and one at DRC)	
2	<p align="center">Cost of NCCM Solution (Application Software, Hardware, OS & DB)</p> <p>Cost of NCCM Solution with adequate Hardware/Appliance, Operating system Licenses, Database Licenses with High Availability, including supply, implementation and integration and 3-year warranty as per technical specifications for NMS. The sizing should be as per the requirements mentioned below with single management console.</p> <p>The sizing should be as per the requirements mentioned in the *Note after this table, with single management console.</p>		3 (Two numbers at DC with HA and one at DRC)	
3	<p align="center">Cost of Net Flow Management Solution (Application Software, Hardware, OS & DB)</p> <p>Cost of Net Flow Management Solution with adequate Hardware/Appliance, Operating system Licenses, Database Licenses with High Availability, including supply, implementation and integration and 3-year warranty as per technical specifications for NMS.</p> <p>The sizing should be as per the requirements mentioned in the *Note after this table, with single management console.</p>		3 (Two numbers at DC with HA and one at DRC)	
4	<p align="center">Cost of Log Management Solution (Application Software, Hardware, OS & DB)</p> <p>Cost of Net Flow Management Solution with adequate Hardware/Appliance, Operating system Licenses, Database Licenses with High Availability, including supply, implementation and integration and 3-year warranty as per technical specifications for NMS.</p> <p>The sizing should be as per the requirements mentioned in the *Note after this table, with One Management console at DC and another management console at DRC.</p>		3 (Two numbers at DC with HA and one at DRC)	
B	Total of items (1) to (4)			

*** Note: Hardware sizing requirements for NMS, NCCM, Net flow and Log management**

(Also see the indicative specifications mentioned in the Annexure-2 Serial No 5- Hardware specification, which should be adhered to)

- a. The solution should be capable of handling 5000 network devices and 6000 links, 1000 servers, etc in the presence of around 2000 sites with additional buffer of 25%.
- b. The proposed hardware technology can be HCI based, it's equivalent or higher technology.
- c. The storage should be capable to manage 30 days data in system itself and backup of data required for 60 days.
- d. The maximum utilization of the hardware/solution at any point of time should not exceed 75%.
- e. The solution response/refresh/update should be instantaneous

TABLE III - Training & Resource Costs:-

(Amount in ₹. Excluding GST)

Sl.No	Description	Cost per item/instance	No of batches	Total
1	OEM Training provided to Bank Team comprising of 10 members for all solutions two times during the contract period	***	***	***
	a. SD-WAN (1 day batch of 10 participants each)		2	
	b. NMS, NCCM, Netflow Management & Log Management (2 day batch of 10 participants each, for all solutions together)		2	
	Total Training Cost	***	***	
2	Resource Charges	***	***	***
	a. L1 resources for managing all solutions		6	
	b. L2 Resource for managing Log Management solution from DC.		1	
	c. L2 Resource for managing all other solutions from DC		1	
	Total Resource cost	***	***	
C	Total of items (1) & (2)	***	***	

Note: Actual payment will be made based on availment of training/resources.

TABLE IV - AMC/ATS Support Charges (for 4th & 5th Year):**(Amount in ₹ Excluding GST)**

Sl. No.	Description	Qty	Unit Price in ₹ per year	Total price in ₹ for 2 years (4th & 5th)
1	AMC for SD-WAN hardware			
	A). Central device DC and DRC as per Table-1 point 1 for location Type C	4		
	B). SD-WAN Central Gateway Router as per Table-1 point 2 (for Location Type B)	8		
	C) SD-WAN Branch Edge Router as per Table-1 point 2 (for Location Type A)	1900		
2	AMC/ATS for NMS Solution -2 (One Setup at DC with HA and Another setup at DRC)	3		
3	AMC/ATS for NCCM Solution -2 (One Setup at DC with HA and Another setup at DRC)	3		
4	AMC/ATS for Net Flow Management Solution - 2 (One Setup at DC with HA and Another setup at DRC)	3		
5	AMC/ATS for Log Management Solution -2 (One Setup at DC with HA and Another setup at DRC)	3		
D	Total cost of Support (1) to (3)			

TABLE V - Total Cost of Ownership (TCO) for 5 Years:

Sl. No	Description	TABLE	Total Price (Rs.)
A	Total amount under Serial No. A	TABLE I	
B	Total amount under Serial No. B	TABLE II	
C	Total amount under Serial No. C	TABLE III	
D	Total amount under Serial No. D	TABLE IV	
	Grand Total		
	GST @ Current rate		
	Grand Total with GST		

Place:

Date:

Signature of the authorized Signatory with Seal