



**NATIONAL INSTITUTE OF SECURITIES  
MARKETS  
ICT DEPARTMENT**

**AMENDMENT- 1  
TO  
REQUEST FOR PROPOSALS  
FOR  
NETWORKING AT NISM CAMPUS, PATALGANGA  
(Document Reference No: NISM/ICT/RFP/09/2019-2020)**

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## AMENDMENT-1 TO RFP

Following the correspondence received from prospective bidders by discussion held in the pre-bid meeting on 6<sup>th</sup> March 2020 at NISM Campus Patalganga, regarding the above mentioned "Request for Proposal (RFP)", the following amendments are issued to the RFP:

- 1. Correction in Component description of L3 switch (Refer Annexure-B, Confirmation of Scope of Work, Section-A Components, Sr.no.2 on Page-18 of RFP)**

#	Component Code	Component Description	Brand	Model No	Specifications (Either provide Brochures/documents or URL on the Web)	Qty	Specify Additional features if any. Otherwise write "Yes" against each item
2	SW-L3	Layer-3 <b>24Port</b> Distribution Switch (With 03 x Multi mode fiber ports and 03 x Single mode fiber )	Huawei			2	

- 2. Correction in Device/Works of L3 switch (Refer Annexure-B, Confirmation of Scope of Work, Section-C Warranty Services, Sr.no.2 on Page-19 of RFP)**

#	Device/Works	Total Warranty Period of 5 years		Warranty Details (Either Attach Detailed Documents or provide URL details or Write key aspects of Warranty in this column)
		Default Warranty Period in years	Additional Warranty Period in years	
2	Layer-3 <b>24 Port</b> Distribution Switch (With 03 x Multi mode fiber ports and 03 x Single mode fiber )			

- 3. Correction in Component description of L3 switch (Refer Annexure-C, Price Bid, Cost Break Down, Sr.no.2 on Page-20 of RFP)**

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# (1)	Component Code (2)	Component Description (3)	Brand (4)	Model (5)	Qty (6)	Unit Price (exclusive of taxes)(Rs.) (7)	Total (exclusive of taxes)(Rs.) (6) x (7)
2	SW-L3	Layer-3 <b>24 Port</b> Distribution Switch (With 03 x Multi mode fiber ports and 03 x Single mode fiber )			2		

**4. Correction in Component description of L3 switch (Refer Annexure-D, Specifications Catalogue, Sr.no.2 on Page-22 of RFP)**

#	Component Code	Component Description	Brand	Key Specifications
2	SW-L3	Layer-3 <b>24 Port</b> Distribution Switch (With 03 x Multi mode fiber ports and 03 x Single mode fiber )	Huawei	<p>Details provided under Item-A at the end of this table.</p> <ul style="list-style-type: none"> <li>• Number of Ethernet Ports (with RJ45 interface): <b>24</b></li> <li>• Speed of Ethernet Port : 10/100/1000 Mbps</li> <li>• Layer-3 Switch</li> <li>• Number of SFP+ Ports : 6 (To be used for Fiber Uplinks)</li> <li>• Speed of SFP+ Ports: 10 Gigabits</li> <li>• The Switch must be delivered with the Transceivers as indicated below <ul style="list-style-type: none"> <li>○ Transceiver (10Gbps) for Multimode Fiber : 03</li> <li>○ Transceiver (10Gbps) for Single mode Fiber: 03</li> </ul> </li> <li>• All Transceivers must support LC Connectors</li> <li>• <u>The switch must have firmware with features to create virtualization into a single control plane with 4 switches.</u></li> <li>• Number of Management Ports:01</li> <li>• Power Cord : 01</li> <li>• Form Factor : 1U</li> <li>• With 5 Years Warranty including default warranty period</li> </ul>

**5. Correction in Key Specifications of Patch Panel (Refer Annexure-D, Specifications Catalogue, Sr.no.8 on Page No. 23 )**

#	Component Code	Component Description	Brand	Key Specifications
8	PP	Patch Panel – 48 Port	Belkin, APD, Dlink or any other equivalent brand	<ul style="list-style-type: none"> <li>• Number of ports: 48</li> <li>• Size: <b>2U</b></li> <li>• for Cat6</li> <li>• Must be loaded with RJ45 connectors</li> </ul>

**6. Clarification regarding Loaded SFP ports in L3 Switch**

L3 Switch must be supplied with Single-mode and Multi-mode transceivers (3 Single-mode and 3 Multi-mode). NISM does not require the cost of Single Mode and Multimode transceivers separately. The cost of Single mode and Multimode transceivers must be included in the L3 Switch. Therefore, the cost of Single-mode (Refer Annexure-C, Price Bid, Sr.No.7 on Page No.20 of RFP) and Multi-mode (Refer Annexure-C, Price Bid, Sr.No.6 on Page No.20 of RFP) transceivers must not be quoted in the Price Bid Section. The revised Price Bid format (Annexure-C) is given below. Bidders are required to use the revised format.

**7. Clarification to Network Testing (Refer Sec 3.4 on Page No.8 of RFP)**

**a) Clarification on Fiber splicing and its testing (Refer Sec 3.4.1 on Page no.8 of RFP)**

This is to clarify further that OTDR must be submitted for Student Hostel-3 Block and Block-C. Single-mode and Multi-mode Fibers are laid already from Student hostel-3 Block to Data Center in Block-D of the Campus and from Block-C to Data Center in Block-D of the Campus. One end of each of these two Single-mode fiber links (in Data Center) is already spliced and terminated at LIU. Suppliers have to splice the other end of each of these two fibers links (Block- C and Student Hostel-3 Block). Furthermore, Suppliers have to splice Multi-mode fibers links also, connecting Student hostel-3 Block to MDP Block, Student hostel-3 Block to Student Hostel-2 Block, Block-C to Block-D and Block-C to Block-B.

Note: Total number of cores to be spliced (24 at Block-C and 24 cores at Student Hostel-3 Block) are 48 and OTDR must also be done for these 48 cores.

**b) Clarification on Network I/O Points and Access points Connectivity Testing (Refer Sec 3.4.2 on Page no.9 of RFP)**

Fluke Testing of Network I/O Points and Access points must show required parameters such as Cat-6 cable length, Pair Cut, Termination Cut, Patch chord issue, Cross punching, Twist Ratio, Loss of packets, Attenuation to Crosstalk Ratio.

There will be two round of testing of I/O Points and Access points testing. After First Round of testing by supplier, necessary corrections will be done by NISM. After corrections, the second round of testing will be done by supplier.

## ANNEXURE -C

### Price Bid

(This will be submitted in envelope-3)

#### A. Cost Break down

# (1)	Component Code (2)	Component Description (3)	Brand (4)	Model (5)	Qty (6)	Unit Price (exclusive of taxes)(Rs.) (7)	Total (exclusive of taxes)(Rs.) (6) x (7)
1	SW-L2	Layer-2 48 Port Access Switch			6		
2	SW-L3	Layer-3 <b>24 Port</b> Distribution Switch (With 03 x Multi mode fiber ports and 03 x Single mode fiber )			2		
3	N-RACK-Type-1	45U Network Rack			1		
4	N-RACK-Type-2	36U Network Rack			1		
5	LIU	Light Interface Unit			1		
6	PP	Patch Panel – 48 Port			9		
7	Cab_Mgr	Cable Manager			10		
8	Wr	Warranty Support services from OEMs			5 yrs		
9	Cat6 Pat-type-1	Cat-6 Patch Cord(1mtr)			435		
10	Cat6 at-type-2	Cat-6 Patch Cord(2mtr)			15		
11	Fbr-spl	Fiber splicing			48 cores		
12	Services	Installation and Configuration of Active devices(switch and access points), Switch mounting, Access points mounting, Rack					

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	installation, Fiber splicing, LIU mounting, Patch Panel mounting, cable manager mounting Cat- 6 punching, Patch Cords deployment, Uplink deployment, Labelling work at I/O points, Access point, patch panel and patch cords, Network Testing, Documentatio n, Dressing, Preparatory work for acceptance testing					
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