



**NATIONAL INSTITUTE OF SECURITIES  
MARKETS**

**REQUEST FOR PROPOSALS  
FOR  
NETWORKING and AUDIO VISUAL WORKS AT NISM  
(Document Reference No: NISM/ICT/RFP/06/2013-14)**

**NISM Bhavan,  
Plot No. : 82,  
Sector - 17, Vashi,  
Navi Mumbai: 400703  
Tel: 022-66735100-05,  
Fax: 022-66735110  
Web: [www.nism.ac.in](http://www.nism.ac.in)**

## 1. INTRODUCTION

National Institute of Securities Markets (NISM) is a public trust established by Securities and Exchange Board of India (SEBI) with the objective of enhancing the quality of securities market in the country through knowledge-based interventions. The institute therefore conducts a number of educational programs for Securities Market professionals. Currently the entire sixth floor of NISM Bhavan at Vashi, Navi Mumbai is being renovated to create office cubicles, cabins, meeting rooms and a Conference Room. This Request for Proposals (RFP) is for the Audio Visual, Wired and Wireless Networking on the 6th floor of NISM Bhavan.

## 2. SUBMISSION OF PROPOSAL

The proposals must be prepared covering the following information and submitted to NISM at the address contained herein on or before the closing date specified in Section-8 of this document. Please refer the checklist given in Annexure- F to ensure that submissions have all the required items.

### 2.1 Proposal Submission

The proposal will be submitted in three separate sealed envelopes.

The first sealed envelope will contain the EMD as indicated in Section-2.3 and the envelope will be super scribed as “EMD for Networking and Audio Visual Works at NISM (Document Reference No. : NISM/ICT/RFP/06/2013-14)”.

The second sealed envelope will contain the response to the Eligibility Criteria as stated in Section-6 and the envelope will be super scribed as “Eligibility for Networking and Audio Visual Works at NISM (Document Reference No. : NISM/ICT/RFP/06/2013-14)”.

The third sealed envelope will contain the Price Bid as stated in Section-2.2 and the envelope will be super scribed as “Price Bid for Networking and Audio Visual Works at NISM (Document Reference No. : NISM/ICT/RFP/06/2013-14)”.

The three separate sealed envelopes should be put together in another sealed main envelope super scribing it as “Proposal for Networking and Audio Visual Works at NISM (Document Reference No. : NISM/ICT/RFP/06/2013-14)”.

Please note that the Eligibility Proposal must not contain cost figures of the proposed products and services. If the cost figures are mentioned anywhere in the Eligibility Proposal, the proposal will be disqualified and will not be evaluated. The Price Bid must be unconditional. Condition if any should be indicated in eligibility proposal only.

## **2.2 Content of Price Bid**

The Price Bid should be in the format as mentioned in Annexure - C for Networking and Audio Visual Works at NISM. Also all documents as mentioned in the checklist given in Annexure-F must be attached to the Price Bid and enclosed in Envelope-3.

## **2.3 Earnest Money Deposit (EMD):**

- Suppliers are required to provide an EMD of Rs. 40,000/- (Rupees Forty Thousand only) by Demand Draft/Bankers Cheque/Pay Order drawn on any bank in Mumbai in favor of “National Institute of Securities Markets”. Cheques for EMD will not be accepted and bids accompanying cheques or without EMD will stand rejected.
- The bidder must write the name of the company and the RFP Document reference Number at the back of EMD Demand Draft/Bankers Cheque/Pay Order.
- The EMD will be placed in envelope-1 and submitted to NISM as indicated in Section-2.1.
- The EMD will be released to the unsuccessful bidders within a week after the tender is awarded.
  - The EMD will not bear any interest.
  - Bids not accompanied by EMD will be rejected.

- The EMD of the successful bidder will be released along with the Performance Bank Guarantee in accordance with the condition stated in Section 2.4.
- EMD of successful bidder will be forfeited if the project does not kick off within 10 days from the date of issuance of Purchase Order.

#### **2.4 Performance Bank Guarantee (PBG)**

The selected supplier will be required to submit a Bank Guarantee of 10% of the Bid Price (inclusive of applicable taxes) covering the scope of work as stated in Section-3. The Bank Guarantee will be submitted by the selected supplier within a week of issuance of the Purchase Order. The Bank Guarantee will be drawn on a bank located in Mumbai or Navi Mumbai. The Bank Guarantee will be valid for a period of 6 months from the date of issuance of the Purchase Order or three months from the date of project sign off whichever is longer. The bank guarantee will be promptly extended by the supplier (if required) by a suitable period in line with the above mentioned validity period. The bank guarantee from Cooperative Banks will not be acceptable. The Performance Bank Guarantee shall be forfeited if the work is not completed as per the required schedule and specification or amount may be adjusted towards liquidated damages and the balance amount will be paid.

#### **2.5 Other Information**

- Please note that Suppliers must quote for all items.
- The suppliers are advised to study all technical and commercial aspects, instructions, forms, terms and specifications in the RFP carefully. Failure to furnish all information required in the bid or submission of a bid not substantially responsive to the RFP in every respect will be at the supplier's risk and may result in rejection of the bid.
- The suppliers are advised to visit the site prior to submission of bid.
- The bids not submitted in the prescribed format or incomplete in any manner are likely to be rejected.
- NISM is not responsible for non receipt of proposals within the specified due date due to any reason including postal delay or holidays.

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- The equipment/products quoted should not be from the discontinued production line. In case of discontinuation of production line after the issue of the purchase order, the supplier will supply the next higher configuration on the same terms and conditions.
  - The prices quoted shall be in Indian Rupees only.
  - Submission will be valid only if
  - ✓ It is received on or before the closing date and time as stated in Section-8 of this document.
  - ✓ The submission is not by Fax or Email.
  - Only one response to this RFP from each bidder will be permitted. In case of partnerships / consortium, only one submission is permitted through the lead bidder.
  - All expenses incurred towards the preparation and submission of the proposals by the bidder will be entirely borne by bidder themselves.
  - NISM reserves the right to reduce or increase the scope of this RFP or cancel this RFP without stating any reasons whatsoever.
  - NISM reserves the right to accept or reject any proposal and to annul the bidding process and reject all proposals at any time prior to award of the contract/purchase order, without thereby incurring any liability towards the affected supplier(s) or any obligation to inform the affected supplier(s) of the grounds for NISM's action.
  - In the event of NISM requiring additional quantities of the equipment (or item) stated in Section-3 within 1 year of placing the order to the selected bidder, the bidder will be required to supply the additional quantity at the same price as quoted in the proposal submitted in response to this RFP. However, the additional quantity of any of the equipment to be supplied will be restricted to a maximum of 50% of the quantity of the equipment (or item) stated in this RFP. If 50% of the quantity results in a fractional number then the nearest higher number will be considered.
  - 100% payment will be made only after delivery of all equipment, installation, configuration, successful testing and project sign-off as per NISM guidelines.

- Quantity of any of the item stated in this RFP may vary in the purchase order.

### **2.6 Contact Details**

- a) The Proposals must be submitted in the sealed envelopes as mentioned above to the following officer:

Mr. Narayana Maddala  
Senior Vice President,  
National Institute of Securities Markets,  
5<sup>th</sup> Floor, NISM Bhavan, Plot No. 82,  
Sector - 17, Vashi, Navi Mumbai - 400 703.

- b) For any clarifications/queries contact the following person:

Mr. Ankit Kumar Singh,  
Assistant Manager -IT,  
National Institute of Securities Markets,  
5<sup>th</sup> Floor, NISM Bhavan, Plot No. 82,  
Sector - 17, Vashi, Navi Mumbai - 400 703.  
Email: [ankit.singh@nism.ac.in](mailto:ankit.singh@nism.ac.in), Contact Tel.: 022-66735154.

### **2.7 Location**

The entire scope of work as mentioned in Section 3 will be delivered at the following location.

National Institute of Securities Markets,  
6<sup>th</sup> Floor, NISM Bhavan,  
Plot No: 82, Vashi,  
Navi Mumbai- 400703.

## **3. SCOPE OF WORK**

The supplier is required to deliver, install, configure and successfully test Networking and Audio Visual Works (as stated in this section) to the satisfaction of NISM.

**3.1 Material Delivery - Wireless, Wired Network and Audio Visual**

The following items are required to be delivered for Wireless, Wired Network and Audio Visual works. The associated services are mentioned in Section 3.2.

#	ITEM/Component	Qty.
<b>Audio Visual (in Conference Room and Meeting Rooms)</b>		
1	<b>Ceiling Speakers</b> (JBL - Control 24CT, Bosch or any other equivalent reputed brand) - Professional commercial applications ceiling speakers - Power Capacity : 80 Watt - Proposed speakers must have in-built transformer unit.	6
2	<b>Motorized screen</b> (Da-lite or Nechams or any other equivalent reputed brand) - Screen size: 106 inches (60 inch height x 80 inch width). - Motorized screen –ratio-16:10. - Make: good quality leading make. - Noise less smooth operation. - To be operated by both switch and remote.	1
3	<b>Receiver + Collar Microphones</b> (Revolabs or Shure or any other equivalent reputed brand ) - Wireless system comprising of receiver and collar microphones. Receiver must be able to handle signals from micro-phones roaming in the conference room of size approx. 10(length) x 5 (breadth) meters.	1
4	<b>Amplifier</b> (Crown or Bosch or any other equivalent reputed brand ) - Power Rating: Dual Channel with 200 Watts per channel at 8 ohms. - Frequency response (at 1 watts) 20Hz to 20 Hz - Damping factor (at 8 Ohms) 10Hz to 400Hz > 200 - Inputs from Mixer. -Output to 6 ceiling speakers. -Should have the capability of grouping the output speakers into zones.	1

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	-Should have IR/RS232 functionality.	
5	<p><b><u>Projector - 1 with Mounting Kit (for Conference Room)</u></b> [NEC or Hitachi or Mitsubishi]</p> <p>With the following minimum specifications</p> <ul style="list-style-type: none"> <li>3000 ANSI Lumens</li> <li>Contrast Ratio (full on/off) - 2500:1</li> <li>Technology : LCD/DLP</li> <li>HDMI(at least one)</li> <li>Two USB Interfaces(at least one with <b>Computer free presentation feature</b>)</li> <li>Resolution : 1280 x 800</li> <li>6000 hours Lamp Life.</li> <li>VGA Port (at least one).</li> <li>Must have IR/RS232 functionality (to control remotely using Touch Screen Panel.</li> <li>Mounting kit to mount the projector at a suitable location on the ceiling.</li> <li>One year warranty</li> </ul> <p><b>Note: Computer free presentation feature</b>                  Supplier should provide the software for converting .PPT to .PTG so that the presentation can directly be played on the projector.</p>	1
6	<p><b><u>Projector - 2 (for general purpose use in the equipment pool)</u></b> [NEC or Hitachi or Mitsubishi]</p> <p>With the following minimum specifications</p> <ul style="list-style-type: none"> <li>2500 ANSI Lumens</li> <li>Contrast Ratio(full on/off) - 2500:1</li> <li>Technology : LCD/DLP</li> <li>HDMI(at least one)</li> <li>Two USB Interfaces(at least one with <b>Computer free presentation feature</b>)</li> <li>Resolution(native): 1024 x 768, Maximum : 1600x1200</li> <li>6000 hours Lamp Life.</li> <li>VGA Port (at least one).</li> <li>One year warranty</li> </ul>	1

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	<p><b>Note: Computer free presentation feature</b>                  Supplier should provide the software for converting .PPT to .PTG so that the presentation can directly be played on the projector.</p>	
7	<p><b>Gooseneck Microphones</b> (Senheiser or Shure or any equivalent reputed brand)                  With tabletop "Look at Me" push button switch (Dual red/green color switch with 2 relays and 1 I/O) to activate or deactivate the microphone and to enable "look at Me" feature (to be used in future with video conferencing equipment). However, at present this push button will be used only to switch the microphone on or off. These 'Look at Me' buttons will be wired down to the controller (Refer item 13).                  (Refer Picture -2 in ANNEXURE - H).</p>	9
8	<p><b>Mixer</b> : (Nexia or Extron or an equivalent reputed brand)                  - Number of Inputs : Will process inputs from:                  i. 9 gooseneck microphones                  ii. a wireless receiver.                  iii. one VGA Switcher.                  iv. one HDMI De-embedder.                  v. two spare inputs.                  - Must have IR/RS232 functionality (to control remotely using Touch Screen Panel.                  -1 output will be connected to amplifier.                  - Second output will be connected to CODEC (CODEC will be installed in future for Video Conferencing and it is not a part of this project at the moment).  <b>Note:</b> Refer AV Connectivity Diagram (Diagram - 2 in ANNEXURE - G).</p>	1
9	<p><b>VGA Switcher (12x4)</b> : (Kramer or Extron or an equivalent reputed brand)                  -12 inputs (VGA ports with Audio).                  - One Video output (goes to the projector).                  - One Audio output (goes to the Mixer).                  - VGA cables from 9 cable cubbies will terminate at</p>	1

	the input.	
10	<p><b>HDMI Switcher (12x4) :</b> (KRAMER or <b>Extron</b> or an equivalent reputed brand)                      -Output goes to the de-embedder.                      - HDMI cables from 9 cable cubbies will terminate at the input.</p>	1
11	<p><b>HDMI De-embedder:</b>(KRAMER or Extron or an equivalent reputed brand)                      -will process the input from HDMI Switcher.                      -will have a Video output connected to the Projector.                      -The Audio output will be connected to the Mixer.</p>	1
12	<p><b>Cable Cubbies :</b> (Extron or Unitron or any equivalent reputed brand)                      -Table top mounted without elevation (i.e. the cable cubby when installed must be at the same level as the table surface.                      -Audio x 1                      -Power x 1                      -VGA x 1                      -HDMI x 1                      -Ethernet I/O Port x 1                      Refer Picture- 3 in ANNEXURE-H.</p>	9
13	<p><b>Controller</b> (CRESTON or Extron or any other equivalent reputed brand)                      -Should be able to support i-pad/ touch panel.                      -A Touch Panel with charging unit (See Picture - 4 in ANNEXURE-H for sample).                      -Should have a 'Look at Me' module (it will process signals coming from 9 'Look at Me' buttons installed on the Conference table.                      -The device will allow us to control the following items:                      i) Volume of amplifier (if required via DSP mixer)                      ii) Look at me buttons.                      iii)HDMI Switcher.                      iv)VGA Switcher.                      v) Motorized screen.</p>	1

	vi) Projector. vii) CODEC (to be installed in future). viii) Plasma/ LCD screen (to be installed in future).	
14	<b><u>AV cables of adequate length as per AV connectivity diagram</u></b> Refer Diagram-2 in ANNEXURE-G. The Supplier must provide all types of cables of sufficient length (including any patch cords) as required for implementation of the AV solution.	1
15	<b><u>12 U Rack</u></b> (Valrack or Selrack or any other equivalent reputed brand) _Note: The Rack should have adequate number of PDUs and trays. The Rack must be suitable for installation of Controller, Mixer, VGA Switcher, HDMI Switcher, De-embedder, Receiver and Amplifier.	2
16	<b><u>Conduits (25mm dia) for AV Works</u></b>	100 m
17	<b><u>Installation, Configuration and Testing of AV Works delivering the complete solution to the satisfaction of NISM.</u></b>	1
18	<b>Warranty for one year plus AMC for 3 years for the following items.</b> It will cover technical support services from the supplier for any troubleshooting or operational difficulties (This support will be mostly remote support but if required it may call for on-site presence of technical resource). I. Mixer II. Amplifier III. VGA Switcher IV. HDMI Switcher V. Controller with Touch Panel VI. Receiver VII. Cable Cubbies VIII. De-embedder <b>Note:</b> The warranty for 1 year is free of any charge and the Annual Maintenance Contract (AMC) for 3 years will start after completion of the warranty	3 Yrs of AMC after warranty period of 1 year

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	period. The annual maintenance charges will remain unchanged for 3 years.	
<b>Networks</b>		
19	<p><b>Wireless Access Points:</b>                  Make : Enterasys                  Model : Enterasys 3705i                  The Access Points will be supplied with PoE injectors.</p> <p>NISM will install power sockets close to the Access Points on the ceiling. The PoE injectors will be powered from these Power Sockets.</p>	5
20	<p><b>Ordinary Switch</b> (Dlink or any other equivalent reputed brand)                  -Number of ports: 48                  - Size: 2U                  These switches will be installed in the 27U Rack to be placed in the Server room on 6<sup>th</sup> floor.</p>	2
21	<p><b>Patch Panel</b> (Dlink or 3M or any other equivalent reputed brand)                  -Number of ports: 48                  - Size: 2U                  -for Cat6</p>	2
22	<p><b>Ordinary Switch</b> (Dlink or any other equivalent reputed brand)                  -Number of ports: 24                  - Size: 2U</p>	2
23	<b>Cable Manager 2U</b>	2
24	<p><b>27U Network Rack</b> (Valrack or Selrack or any other equivalent reputed brand)                  Length 600mm x width 800mm. This rack will be installed in the server room on the 6<sup>th</sup> floor.  <b>One Cantilever Tray to be supplied with the Rack.</b></p>	1
25	<b>I/O Box with I/O Points</b> (dlink or NT or any other equivalent reputed brand)	85
26	<b>Dlink Cat6 cable (Box of 305 meters)</b>	8
27	<b>RJ-45 Connectors</b> (dlink or NT or any other	100

	equivalent reputed brand)	
28	<b>Life Time Certification of Network Cabling works from OEM (A document from OEM to be obtained to this effect and submitted to NISM).</b>	1
29	<b><u>Installation and configuration Charges, Cost of technical expert's / resources' service for all the above mentioned items.</u></b>	1
30	<b>Warranty for one year plus AMC for 1 year for the following items.</b> It will cover technical support services from the supplier for any troubleshooting or operational difficulties (This support will be mostly remote support but if required it may call for on-site presence of technical resource). I. Access Points II. Switches <b>Note:</b> The warranty for 1 year is free of any charge and the Annual Maintenance Contract (AMC) for 1 year will start after completion of the warranty period.	1 Yr of AMC after warranty period of 1 year

**Note: The Supplier must suggest appropriate brands of various components mentioned above ensuring compatibility with each other and optimum performance of solution as a whole.**

### **3.2 Services - Wireless, Wired Networking and Audio Visual Works**

#### **3.2.1 Services - Audio Visual works**

The following Wireless, Wired networking and Audio Visual services will be carried out by the supplier on the sixth floor, NISM Bhavan. Please refer to Diagram-1 in Annexure-G for floor layout.

- Six speakers will be installed on the ceiling in the Conference Room. The location of the speakers on the ceiling will be discussed and agreed upon.
- Receiver (for wireless collar microphone) will be installed in the conference room. Receiver will be placed in the 12 U Rack mentioned in Section 3.1.
- The amplifier will be placed in the 12 U rack.

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- A motorized screen will be installed at a suitable location in the conference room. **The supplier will install wooden pelmet if required** (See Sample Picture-1 in Annexure - H).
  - Cabling work connecting Speakers in the conference room to the amplifier outputs.
  - The receiver mentioned above in the second bullet will be connected to the amplifier input.
  - A projector will be mounted on the ceiling at a suitable location in the conference room.
  - Gooseneck Microphones with Push Buttons (See Sample Picture-2 in Annexure-H) will be installed at specified places on the Conference table.
  - Cable Cubbies will also be installed on the Conference table beside the Gooseneck Microphones. (See Sample Picture - 3 in Annexure - H).
  - The supplier will be responsible for necessary carpentry services to install Gooseneck Microphones, Cable Cubbies and 'Look at Me' buttons on the Conference Table.
  - All necessary cabling work will be done in the Conference Room as per the connectivity diagram (See Diagram-2 in Annexure-G). Please note that there might be changes in the connectivity diagram at the time of project execution. The supplier will accommodate all necessary changes without any cost implications.
  - Supplier will install all required conduits to run Audio Visual cables in the Conference Room as per the connectivity diagram. The pathways of the cables on the false ceiling or under the floor will be decided at the time of Project execution.
  - The Supplier is required to closely interact and coordinate with the civil contractor (engaged by NISM for interior furnishing) to maintain aesthetics to the satisfaction of NISM.
  - Complete testing of integrated AV solution to the satisfaction of NISM and Handover.
  - Annual Maintenance and Support Services for all AV equipment.

- Supplier will provide the 6 Amp power sockets in the Cable Cubbies but the wiring will be done by NISM.
- The Audio+Video Cables, Data Cables and the power cables will run through separate raceways.
- The supplier will hold a planning and project kick off meeting within 2 working days of issuance of Purchase Order and develop a project plan. The supplier will nominate a Project Manager/Coordinator to attend weekly project review meetings at NISM.

### **3.2.2 Services - Wireless and Wired Networking**

The following services will be rendered to set up the wireless and wired network on the 6<sup>th</sup> floor.

- 27 U Rack will be installed in the server room on the sixth floor. Proper dressing of cables will be done in the rack using patch panels, cable mangers and patch cords.
- Three access points will be installed on the ceiling of 6<sup>th</sup> floor. The exact location of the access points on the ceiling will be decided at the time of project execution. The tentative location of Wireless Access Points is given in Diagram-3 of ANNEXURE-G. Cat6 cabling will be done connecting these three access points to a 48 port switch installed in the Rack in the Server Room of 6<sup>th</sup> floor.
- Two Access Points will be installed on the ceiling of Ground Floor. The tentative location of these Access Points is given in Diagram-4 of ANNEXURE-G. Cat6 cabling will be done connecting these two access points to a 24 port switch installed in the Rack in the Server Room of ground floor.
- A total of 82 LAN ports (I/O points) will be installed in various offices on the sixth floor. See Diagram-5 given in ANNEXURE-G for location of these LAN ports on the Sixth floor.
- Cat6 cabling will be done connecting the 82 LAN ports to 48 port ordinary switches (placed in the rack in the Server Room on the 6<sup>th</sup> floor).
- Dressing and labeling of equipment and cables in the network rack as per the NISM standards. Please note that labels on all equipment will be typed and

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laminated. Labels on all cables will be in t-tags. All cables will be labeled at both ends.

- All LAN ports (I/O points) will also be labeled. These labels will also be properly laminated.
- The current network documentation of NISM will be updated by the supplier as per NISM requirements.
- Testing of wireless and wired network and submission of test report as per the standards of NISM. The Supplier will use a fluke machine to test the LAN and submit results. Please note that the cable lengths as indicated by the fluke machine reports will be used for payment of Cat-6 cable.
- The supplier will install two Cat-6 cables from the 27U Rack in the Server Room of 6<sup>th</sup> floor to the current Network Rack in the Server Room on the 5<sup>th</sup> floor.
- Two Cat-6 cables to be laid in the Raceways on the floor running right from the 12U Rack in the Conference Room up to the Network Rack in the Server Room on the 6<sup>th</sup> Floor.
- All Cat-6 cables must be crimped with RJ45 connectors as necessary.
- The supplier will run Cat-6 cable from the LAN port (I/O point) of each Cable Cubby to the Network Rack in the Server Room on the 6<sup>th</sup> floor.

#### **4. DELIVERY, INSTALLATION, CONFIGURATION and PROJECT SIGN OFF**

The chosen supplier will be expected to deliver equipment and cables, carry out cabling work, install and configure Audio Visual and Networking equipment as mentioned in the scope of work under Section-3 of the RFP and sign off the project **within 7 weeks from the date of issuance of Purchase Order.**

The suppliers must submit duly signed letter of commitment to the schedule as provided in Annexure-D. This letter must be part of Price Bid and to be submitted in envelope-3.

#### **5. PRICE VALIDITY PERIOD**

The quoted prices for the equipment will remain valid for a period of 1 year from the date of closure of this RFP.

## 6. ELIGIBILITY CRITERIA

The Company/Bidder/Supplier must meet the following criteria. **The Proposals of the suppliers not meeting these criteria will be rejected.**

### 6.1. Experience

Should have carried out installation and configuration of similar AV and Networking devices at either of the following scales in the last 5 years (ending February, 2014).

I. Should have executed three orders of similar nature, each order not less than 8 lakhs.

OR

II. Should have executed two orders of similar nature, each order value not less than 10 lakhs.

OR

III. Should have executed one order of similar nature not less than 16 lakhs.

**The Suppliers must enclose copies of Purchase Orders in support of the above. This should be submitted in envelope-2 as stated in Section-2.1.**

### 6.2. Company Turnover

The company must have a minimum turnover of 75 lakhs per annum for the FY 2012-2013, FY 2011-12 and FY 2010-11 (Please note that the turnover of each year is expected to be a minimum of 75 lakhs).

**The Suppliers must enclose copies of Audited Company Balance sheet for the said financial years. This should be submitted in envelope-2 as stated in Section-2.1.**

### 6.3. Scope of Work Confirmation

Supplier will provide confirmation regarding scope of work to be executed in the format as stated in Annexure-B of this RFP.

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Supplier is required to submit information pertaining to Section 6.1 to 6.3 in Envelope-2 mentioned in Section 2.1.

## 7. EVALUATION OF PROPOSALS

### 7.1. Evaluation Process

The evaluation process will be as follows:

- I. Envelope-1 containing EMD will be opened first. If the EMD is found to be in order as per the terms stated in Section-2.3. Then the second envelope of the supplier will be opened.
- II. The Eligibility Information of all those suppliers whose EMD is found to be in order will be checked against the eligibility criteria stated in Section-6 for compliance.
- III. The Financial Proposals of only those suppliers who meet the eligibility criteria will be opened and evaluated by the evaluation committee of NISM.
- IV. The tender will be awarded to the supplier who has submitted the lowest bid price.

All decisions made by the Evaluation Committee of NISM during the evaluation process will be final and binding on all bidders.

### 7.2. Notification to Unsuccessful Bidders

Unsuccessful bidders will be notified by email. Any queries regarding an unsuccessful proposal should be mailed to the contact address mentioned in Section-2.6 of this document.

## 8. IMPORTANT DATES

- **Date of Issuance of RFP: 20<sup>th</sup> March, 2014**
- **Pre-bid meeting to seek clarifications regarding the RFP: 26<sup>th</sup> March, 2014**

The pre-bid meeting with all prospective bidders shall be held in the Board Room, 5th floor, NISM Bhavan, plot no: 82, Sector-17, Vashi, Navi Mumbai. Only two to three representatives of each supplier are requested to attend the meeting.

- **Date and Time of submission of duly filled and sealed proposal: 9th April, 2014 by 16.30 hrs**
- **The envelopes containing EMD and Eligibility Information** will be opened on **10th April, 2014 at 16.30 hrs** in the Board Room, 5<sup>th</sup> Floor, NISM Bhavan, Vashi, Navi Mumbai.
- The price bids of the eligible suppliers will be opened on **14th April, 2014 at 12.30 hrs** in the Board room, 5<sup>th</sup> floor, NISM Bhavan, Vashi, Navi Mumbai.

## **9. SIGNING OF PROPOSALS**

The proposal shall be typed or written in ink and shall be signed (on the cover letter) by a person or persons duly authorized by the supplier to bind the supplier to the contract. All pages of the proposal, except unamended printed literature, shall be initialed by the person or persons signing the proposal. The proposal shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the supplier, in which case such corrections shall be initialed by the person or persons signing the proposal.

## **10.INSPECTION**

NISM or its representative will carry out inspection and testing to confirm the conformity of the goods and services to the stated technical specifications. Should any inspected or tested equipment fail to conform to the specifications or it is not as per the purchase order, NISM may reject them and the supplier shall either replace the rejected goods or make all alterations necessary to meet specification requirements free of cost to NISM.

## **11.PENALTY FOR DELAY**

The supplier must strictly adhere to the delivery, installation and configuration schedule given in Section-4. The supplier shall have to pay penalty to NISM @ One percent (1%) per week of the value of the purchase order inclusive of all taxes, duties

levies etc. per week for late delivery. There shall be an upper limit of 10% of the gross amount (i.e. total order value) for the penalty to be deducted. The applicable penalty will be deducted from the amounts due for payment. In case of delay beyond 8 weeks from the stipulated delivery, installation and configuration schedule (as per section-4), NISM reserves the right to terminate the contract by recovering the penalty.

## **12. INDEMNITY**

The supplier shall indemnify, protect and save NISM against all claims, losses, costs, damages, expenses, action suits and other proceedings resulting from infringements in respect of all hardware and software supplied to NISM.

## **13. ARBITRATION**

In the event of a dispute or difference of any nature whatsoever between NISM and the supplier during the course of assignment arising as a result of this RFP, the same shall be referred for arbitration to the panel of arbitrators. The panel shall be constituted prior to commencement of arbitration and shall comprise of two arbitrators and an umpire. NISM and the supplier shall each nominate an arbitrator to the panel and these arbitrators shall appoint an umpire. Arbitration shall be carried out at NISM office in Navi Mumbai and as per extant laws.

## **14. JURISDICTION**

The jurisdiction for the purpose of settlement of any dispute of differences whatsoever in respect of or relating to or arising out of or in any way touching the works awarded or the terms and conditions thereof shall be that of the appropriate court in Mumbai. The jurisdiction of any other court in any place other than Mumbai is specifically excluded.

## **15. FORCE MAJEURE**

Should either party be prevented from performing any of its obligations under this RFP by reason of any cause beyond its reasonable control, the time for performance

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shall be extended until the operation or such cause has ceased, provided the affected party gives prompt notice to the other of any such factors or inability to perform, resumes performance as soon as such factors disappear or are circumvented. If under this clause either party is excused of performance of any obligation for a continuous period of 90 days, then the other party may at any time hereafter while such performance continuous to be excused, terminate this agreement without liability, by notice in writing to the other. In all such cases NISM's decision shall be final and binding on all concerned.

NISM

## ANNEXURE A

(This will be part of Price Bid and will be submitted in envelope-3)

Date :

To,  
National Institute of Securities Markets,  
NISM Bhavan,  
Plot No : 82, Sector - 17, Vashi,  
Navi Mumbai - 400703.

Dear Sir/Madam,

**Subject: Response to the Request for Proposals for Networking and Audio Visual Works at NISM (Document Reference No : NISM/ICT/RFP/06/ 2013-14)**

1. Having examined the Request for Proposals including Annexures, the receipt of which is hereby duly acknowledged, we, the undersigned offer to supply, install and configure the equipment in accordance with the scope of work as stated Section-3 of the RFP within the cost stated in the proposal.
2. If our proposal is accepted, we undertake to abide by all terms and conditions of this RFP and also to comply with the delivery schedule as mentioned in the RFP.
3. We certify that we have provided all the information requested by NISM in the requested format. We also understand that NISM has the right to reject this offer if NISM finds that the required information is not provided or is provided in a different format not suitable for evaluation process for any other reason as it deems fit. NISM's decision shall be final and binding on us.

**NISM NATIONAL INSTITUTE OF SECURITIES MARKETS**  
Established by the Securities and Exchange Board of India  
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Thank you.  
Yours faithfully,

-----  
Signature of the Authorized Signatory of Company  
Name:  
Designation:  
Contact no(mobile):  
Email Id:  
Company Seal:

(This letter should be typed on the letterhead of the Company and must be signed by the Authorized Signatory of the Company/Lead Company of the Consortium.).

**ANNEXURE B**

**Confirmation of Scope of Work**

(Fill in all blanks as appropriate)

(Also read Section-3 of the RFP before filling the following Form. The duly filled form must be submitted in envelope-2)

1. COMPANY NAME:

\_\_\_\_\_

2. ADDRESS:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

3. CONTACT PERSON: \_\_\_\_\_

4. PHONE NUMBER: \_\_\_\_\_

5. EMAIL: \_\_\_\_\_ 6. WEB SITE: \_\_\_\_\_

(NOTE: You may attach the brochures providing more details of the product)

**(Wireless, Wired Network and Audio Visual)**

#	ITEM/Component	Qty.	Specify Additional features if any. Otherwise write "Yes" against each item if the proposed equipment has same specifications as stated in Section-3 of the RFP.
<b>Audio Visual (in Conference Room and Meeting Rooms)</b>			
1	<u>Ceiling Speakers</u> (JBL - Control 24CT,	6	

	<p>Bosch or any other equivalent reputed brand)</p> <ul style="list-style-type: none"> <li>- Professional commercial applications ceiling speakers</li> <li>- Power Capacity : 80 Watt</li> <li>- Proposed speakers must have in-built transformer unit.</li> </ul>		
2	<p><b>Motorized screen</b> (Da-lite or Nechams or any other equivalent reputed brand)</p> <ul style="list-style-type: none"> <li>- Screen size: 106 inches (60 inch height x 80 inch width).</li> <li>- Motorized screen –ratio-16:10.</li> <li>- Make: good quality leading make.</li> <li>- Noise less smooth operation.</li> <li>- To be operated by both switch and remote.</li> </ul>	1	
3	<p><b>Receiver + Collar Microphones</b> (Revolabs or Shure or any other equivalent reputed brand )</p> <ul style="list-style-type: none"> <li>- Wireless system comprising of receiver and collar microphones. Receiver must be able to handle signals from microphones roaming in the conference room of size approx. 10(length) x 5 (breadth) meters.</li> </ul>	1	
4	<p><b>Amplifier</b> (Crown or Bosch or any other equivalent reputed brand )</p> <ul style="list-style-type: none"> <li>- Power Rating: Dual Channel with 200 Watts per channel at 8 ohms.</li> <li>- Frequency response (at 1 watts) 20Hz to 20 Hz</li> <li>- Damping factor (at 8 Ohms) 10Hz to 400Hz &gt; 200</li> <li>- Inputs from Mixer.</li> <li>- Output to 6 ceiling speakers.</li> <li>- Should have the capability of</li> </ul>	1	

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	grouping the output speakers into zones. -Should have IR/RS232 functionality.		
5	<p><b><u>Projector - 1 with Mounting Kit (for Conference Room)</u></b> [NEC or Hitachi or Mitsubishi]</p> <p>With the following minimum specifications</p> <ul style="list-style-type: none"> <li>3000 ANSI Lumens</li> <li>Contrast Ratio (full on/off) - 2500:1</li> <li>Technology : LCD/DLP</li> <li>HDMI(at least one)</li> <li>Two USB Interfaces(at least one with <b>Computer free presentation feature</b>)</li> <li>Resolution : 1280 x 800</li> <li>6000 hours Lamp Life.</li> <li>VGA Port (at least one).</li> <li>Must have IR/RS232 functionality (to control remotely using Touch Screen Panel.</li> <li>Mounting kit to mount the projector at a suitable location on the ceiling.</li> <li>One year warranty</li> <li><b>Note: Computer free presentation feature</b></li> <li>Supplier should provide the software for converting .PPT to .PTG so that the presentation can directly be played on the projector.</li> </ul>	1	
6	<p><b><u>Projector - 2 (for general purpose use in the equipment pool)</u></b> [NEC or Hitachi or Mitsubishi]</p> <p>With the following minimum specifications</p> <ul style="list-style-type: none"> <li>2500 ANSI Lumens</li> <li>Contrast Ratio(full on/off) - 2500:1</li> </ul>	1	

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	<p>Technology : LCD/DLP                  HDMI(at least one)                  Two USB Interfaces(at least one with <b>Computer free presentation feature</b>)                  Resolution(native): 1024 x 768,                  Maximum : 1600x1200                  6000 hours Lamp Life.                  VGA Port (at least one).                  One year warranty</p> <p><b>Note: Computer free presentation feature</b>                  Supplier should provide the software for converting .PPT to .PTG so that the presentation can directly be played on the projector.</p>		
7	<p><b>Gooseneck Microphones</b> (Senheiser or Shure or any equivalent reputed brand)                  With tabletop "Look at Me" push button switch (Dual red/green color switch with 2 relays and 1 I/O) to activate or deactivate the microphone and to enable "look at Me" feature (to be used in future with video conferencing equipment). However, at present this push button will be used only to switch the microphone on or off. These 'Look at Me' buttons will be wired down to the controller (Refer item 13).                  (Refer Picture -2 in ANNEXURE - H).</p>	9	
8	<p><b>Mixer</b> : (Nexia or Extron or an equivalent reputed brand)                  - Number of Inputs : Will process inputs from:                  i. 9 gooseneck microphones                  ii. a wireless receiver.</p>	1	

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	<p>iii. one VGA Switcher.                  iv. one HDMI De-embedder.                  v. two spare inputs.                  - Must have IR/RS232 functionality (to control remotely using Touch Screen Panel.                  -1 output will be connected to amplifier.                  - Second output will be connected to CODEC (CODEC will be installed in future for Video Conferencing and it is not a part of this project at the moment).  <b>Note:</b> Refer AV Connectivity Diagram (Diagram - 2 in ANNEXURE - G).</p>		
9	<p><b>VGA Switcher (12x4) :</b> (Kramer or Extron or an equivalent reputed brand)                  -12 inputs (VGA ports with Audio).                  - One Video output (goes to the projector).                  - One Audio output (goes to the Mixer).                  - VGA cables from 9 cable cubbies will terminate at the input.</p>	1	
10	<p><b>HDMI Switcher (12x4) :</b> (KRAMER or <b>Extron</b> or an equivalent reputed brand)                  -Output goes to the de-embedder.                  - HDMI cables from 9 cable cubbies will terminate at the input.</p>	1	
11	<p><b>HDMI De-embedder:</b>(KRAMER or Extron or an equivalent reputed brand)                  -will process the input from HDMI Switcher.                  -will have a Video output connected to the Projector.                  -The Audio output will be connected to the Mixer.</p>	1	
12	<p><b>Cable Cubbies :</b> (Extron or Unitron or any equivalent reputed brand)                  -Table top mounted without elevation</p>	9	

	<p>(i.e. the cable cubby when installed must be at the same level as the table surface.</p> <ul style="list-style-type: none"> <li>-Audio x 1</li> <li>-Power x 1</li> <li>-VGA x 1</li> <li>-HDMI x 1</li> <li>-Ethernet I/O Port x 1</li> </ul> <p>Refer Picture- 3 in ANNEXURE-H.</p>		
13	<p><b>Controller</b> (CRESTON or Extron or any other equivalent reputed brand)</p> <ul style="list-style-type: none"> <li>-Should be able to support i-pad/touch panel.</li> <li>-A Touch Panel with charging unit (See Picture - 4 in ANNEXURE-H for sample).</li> <li>-Should have a 'Look at Me' module (it will process signals coming from 9 'Look at Me' buttons installed on the Conference table.</li> <li>-The device will allow us to control the following items: <ul style="list-style-type: none"> <li>i) Volume of amplifier (if required via DSP mixer)</li> <li>ii) Look at me buttons.</li> <li>iii)HDMI Switcher.</li> <li>iv)VGA Switcher.</li> <li>v) Motorized screen.</li> <li>vi) Projector.</li> <li>vii) CODEC (to be installed in future).</li> <li>viii) Plasma/ LCD screen (to be installed in future).</li> </ul> </li> </ul>	1	
14	<p><b><u>AV cables of adequate length as per AV connectivity diagram</u></b></p> <p>Refer Diagram-2 in ANNEXURE-G.</p> <p>The Supplier must provide all types of cables of sufficient length (including any patch cords) as required for</p>	1	

	implementation of the AV solution.		
15	<b>12 U Rack</b> (Valrack or Selrack or any other equivalent reputed brand) _Note: The Rack should have adequate number of PDUs and trays. The Rack must be suitable for installation of Controller, Mixer, VGA Switcher, HDMI Switcher, De-embedder, Receiver and Amplifier.	2	
16	<b>Conduits (25mm dia) for AV Works</b>	100m	
17	<b>Installation, Configuration and Testing of AV Works delivering the complete solution to the satisfaction of NISM.</b>	1	
18	<b>Warranty for one year plus AMC for 3 years for the following items.</b> It will cover technical support services from the supplier for any troubleshooting or operational difficulties (This support will be mostly remote support but if required it may call for on-site presence of technical resource). i. Mixer ii. Amplifier iii. VGA Switcher iv. HDMI Switcher v. Controller with Touch Panel vi. Receiver vii. Cable Cubbies viii. De-embedder <b>Note:</b> The warranty for 1 year is free of any charge and the Annual Maintenance Contract (AMC) for 3 years will start after completion of the warranty period. The annual maintenance charges will remain unchanged for 3 years.	3 Yrs of AMC after warranty period of 1 year	
<b>Networks</b>			
19	<b>Wireless Access Points:</b>	5	

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	<p>Make : Enterasys                  Model : Enterasys 3705i                  The Access Points will be supplied with PoE injectors.</p> <p>NISM will install power sockets close to the Access Points on the ceiling. The PoE injectors will be powered from these Power Sockets.</p>		
20	<p><b>Ordinary Switch</b> (Dlink or any other equivalent reputed brand)                  -Number of ports: 48                  - Size: 2U                  These switches will be installed in the 27U Rack to be placed in the Server room on 6<sup>th</sup> floor.</p>	2	
21	<p><b>Patch Panel</b> (Dlink or 3M or any other equivalent reputed brand)                  -Number of ports: 48                  - Size: 2U                  -for Cat6</p>	2	
22	<p><b>Ordinary Switch</b> (Dlink or any other equivalent reputed brand)                  -Number of ports: 24                  - Size: 2U</p>	2	
23	<p><b>Cable Manager 2U</b></p>	2	
24	<p><b>27U Network Rack</b> (Valrack or Selrack or any other equivalent reputed brand)                  Length 600mm x width 800mm. This rack will be installed in the server room on the 6<sup>th</sup> floor.  <b>One Cantilever Tray to be supplied with the Rack.</b></p>	1	
25	<p><b>I/O Box with I/O Points</b> (dlink or NT or any other equivalent reputed brand)</p>	85	
26	<p><b>Dlink Cat6 cable (Box of 305 meters)</b></p>	8	
27	<p><b>RJ-45 Connectors</b> (dlink or NT or any</p>	100	

	other equivalent reputed brand)		
28	<b>Life Time Certification of Network Cabling works from OEM (A document from OEM to be obtained to this effect and submitted to NISM).</b>	1	
29	<b><u>Installation and configuration Charges, Cost of technical expert's / resources' service for all the above mentioned items.</u></b>	1	
30	<b>Warranty for one year plus AMC for 1 year for the following items.</b> It will cover technical support services from the supplier for any troubleshooting or operational difficulties (This support will be mostly remote support but if required it may call for on-site presence of technical resource). i. Access Points ii. Switches <b>Note:</b> The warranty for 1 year is free of any charge and the Annual Maintenance Contract (AMC) for 1 year will start after completion of the warranty period.	1 Yr of AMC after warranty period of 1 year	

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Signature of the Authorized Signatory of Company

Name:

Designation:

Contact no(mobile):

Email Id:

Company Seal

## ANNEXURE C

### Price Bid

(Must be submitted in the 3<sup>rd</sup> sealed envelope as mentioned in Section-2.1)

COMPANY NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

\_\_\_\_\_

CONTACT PERSON: \_\_\_\_\_ PHONE NUMBER: \_\_\_\_\_

EMAIL: \_\_\_\_\_ WEB SITE: \_\_\_\_\_

**Cost Break Down:**

**(Wireless, Wired Network and Audio Visual)**

**Note:** Please note that the quoted price must not include any applicable taxes.

#	ITEM/Component	Qty.	Unit price (excl. of applicable taxes)	Total Price (excl. of applicable taxes)
<b>Audio Visual (in Conference Room and Meeting Rooms)</b>				
1	<b>Ceiling Speakers</b> (JBL - Control 24CT, Bosch or any other equivalent reputed brand) - Professional commercial applications ceiling speakers - Power Capacity : 80 Watt	6		

	- Proposed speakers must have in-built transformer unit.			
2	<p><b>Motorized screen</b> (Da-lite or Nechams or any other equivalent reputed brand)</p> <ul style="list-style-type: none"> <li>- Screen size: 106 inches (60 inch height x 80 inch width).</li> <li>- Motorized screen –ratio-16:10.</li> <li>- Make: good quality leading make.</li> <li>- Noise less smooth operation.</li> <li>- To be operated by both switch and remote.</li> </ul>	1		
3	<p><b>Receiver + Collar Microphones</b> (Revolabs or Shure or any other equivalent reputed brand )</p> <ul style="list-style-type: none"> <li>- Wireless system comprising of receiver and collar microphones. Receiver must be able to handle signals from micro-phones roaming in the conference room of size approx. 10(length) x 5 (breadth) meters.</li> </ul>	1		
4	<p><b>Amplifier</b> (Crown or Bosch or any other equivalent reputed brand )</p> <ul style="list-style-type: none"> <li>- Power Rating: Dual Channel with 200 Watts per channel at 8 ohms.</li> <li>- Frequency response (at 1 watts) 20Hz to 20 Hz</li> <li>- Damping factor (at 8 Ohms) 10Hz to 400Hz &gt; 200</li> <li>- Inputs from Mixer.</li> <li>-Output to 6 ceiling speakers.</li> <li>-Should have the capability of grouping the output speakers into zones.</li> <li>-Should have IR/RS232 functionality.</li> </ul>	1		
5	<p><b>Projector - 1 with Mounting Kit (for Conference Room)</b> [NEC or Hitachi or Mitsubishi]</p> <p>With the following minimum specifications</p> <ul style="list-style-type: none"> <li>3000 ANSI Lumens</li> <li>Contrast Ratio (full on/off) - 2500:1</li> <li>Technology : LCD/DLP</li> </ul>	1		

	<p>HDMI(at least one)                  Two USB Interfaces(at least one with <b>Computer free presentation feature</b>)                  Resolution : 1280 x 800                  6000 hours Lamp Life.                  VGA Port (at least one).                  Must have IR/RS232 functionality (to control remotely using Touch Screen Panel.                  Mounting kit to mount the projector at a suitable location on the ceiling.                  One year warranty  <b>Note: Computer free presentation feature</b>                  Supplier should provide the software for converting .PPT to .PTG so that the presentation can directly be played on the projector.</p>			
6	<p><b><u>Projector - 2 (for general purpose use in the equipment pool)</u></b> [NEC or Hitachi or Mitsubishi]                  With the flowing minimum specifications                  2500 ANSI Lumens                  Contrast Ratio(full on/off) - 2500:1                  Technology : LCD/DLP                  HDMI(at least one)                  Two USB Interfaces(at least one with <b>Computer free presentation feature</b>)                  Resolution(native): 1024 x 768, Maximum : 1600x1200                  6000 hours Lamp Life.                  VGA Port (at least one).                  One year warranty  <b>Note: Computer free presentation feature</b>                  Supplier should provide the software for converting .PPT to .PTG so that the presentation can directly be played on the projector.</p>	1		
7	<p><b><u>Gooseneck Microphones</u></b> (Senheiser or Shure or any equivalent reputed brand)                  With tabletop "Look at Me" push button switch</p>	9		

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	(Dual red/green color switch with 2 relays and 1 I/O) to activate or deactivate the microphone and to enable “look at Me” feature (to be used in future with video conferencing equipment). However, at present this push button will be used only to switch the microphone on or off. These ‘Look at Me’ buttons will be wired down to the controller (Refer item 13). (Refer Picture -2 in ANNEXURE - H).			
8	<b>Mixer :</b> (Nexia or Extron or an equivalent reputed brand) - Number of Inputs : Will process inputs from: i. 9 gooseneck microphones ii. a wireless receiver. iii. one VGA Switcher. iv. one HDMI De-embedder. v. two spare inputs. - Must have IR/RS232 functionality (to control remotely using Touch Screen Panel. -1 output will be connected to amplifier. - Second output will be connected to CODEC (CODEC will be installed in future for Video Conferencing and it is not a part of this project at the moment). <b>Note:</b> Refer AV Connectivity Diagram (Diagram - 2 in ANNEXURE - G).	1		
9	<b>VGA Switcher (12x4) :</b> (Kramer or Extron or an equivalent reputed brand) -12 inputs (VGA ports with Audio). - One Video output (goes to the projector). - One Audio output (goes to the Mixer). - VGA cables from 9 cable cubbies will terminate at the input.	1		
10	<b>HDMI Switcher (12x4) :</b> (KRAMER or <b>Extron</b> or an equivalent reputed brand) -Output goes to the de-embedder. - HDMI cables from 9 cable cubbies will terminate at the input.	1		

11	<p><b>HDMI De-embedder:</b>(KRAMER or Extron or an equivalent reputed brand)          -will process the input from HDMI Switcher.          -will have a Video output connected to the Projector.          -The Audio output will be connected to the Mixer.</p>	1		
12	<p><b>Cable Cubbies :</b> (Extron or Unitron or any equivalent reputed brand)          -Table top mounted without elevation (i.e. the cable cubby when installed must be at the same level as the table surface.          -Audio x 1          -Power x 1          -VGA x 1          -HDMI x 1          -Ethernet I/O Port x 1          Refer Picture- 3 in ANNEXURE-H.</p>	9		
13	<p><b>Controller</b> (CRESTON or Extron or any other equivalent reputed brand)          -Should be able to support i-pad/touch panel.          -A Touch Panel with charging unit (See Picture - 4 in ANNEXURE-H for sample).          -Should have a 'Look at Me' module (it will process signals coming from 9 'Look at Me' buttons installed on the Conference table.          -The device will allow us to control the following items:          i) Volume of amplifier (if required via DSP mixer)          ii) Look at me buttons.          iii)HDMI Switcher.          iv)VGA Switcher.          v) Motorized screen.          vi) Projector.          vii) CODEC (to be installed in future).          viii) Plasma/ LCD screen (to be installed in future).</p>	1		

14	<b><u>AV cables of adequate length as per AV connectivity diagram</u></b> Refer Diagram-2 in ANNEXURE-G. The Supplier must provide all types of cables of sufficient length (including any patch cords) as required for implementation of the AV solution.	1		
15	<b><u>12 U Rack</u></b> (Valrack or Selrack or any other equivalent reputed brand) Note: The Rack should have adequate number of PDUs and trays. The Rack must be suitable for installation of Controller, Mixer, VGA Switcher, HDMI Switcher, De-embedder, Receiver and Amplifier.	2		
16	<b><u>Conduits (25mm dia) for AV Works</u></b>	100m		
17	<b><u>Installation, Configuration and Testing of AV Works delivering the complete solution to the satisfaction of NISM.</u></b>	1		
18	<b>Warranty for one year plus AMC for 3 years for the following items.</b> It will cover technical support services from the supplier for any troubleshooting or operational difficulties (This support will be mostly remote support but if required it may call for on-site presence of technical resource). i. Mixer ii. Amplifier iii. VGA Switcher iv. HDMI Switcher v. Controller with Touch Panel vi. Receiver vii. Cable Cubbies viii. De-embedder <b>Note:</b> The warranty for 1 year is free of any charge and the Annual Maintenance Contract (AMC) for 3 years will start after completion of the warranty period. The annual maintenance charges will remain unchanged for 3 years.	3 Yrs of AMC after warranty period of 1 year		
<b>Networks</b>				

19	<p><b><u>Wireless Access Points:</u></b>                  Make : Enterasys                  Model : Enterasys 3705i                  The Access Points will be supplied with PoE injectors.</p> <p>NISM will install power sockets close to the Access Points on the ceiling. The PoE injectors will be powered from these Power Sockets.</p>	5		
20	<p><b><u>Ordinary Switch</u></b> (Dlink or any other equivalent reputed brand)                  -Number of ports: 48                  - Size: 2U                  These switches will be installed in the 27U Rack to be placed in the Server room on 6<sup>th</sup> floor.</p>	2		
21	<p><b><u>Patch Panel</u></b> (Dlink or 3M or any other equivalent reputed brand)                  -Number of ports: 48                  - Size: 2U                  -for Cat6</p>	2		
22	<p><b><u>Ordinary Switch</u></b> (Dlink or any other equivalent reputed brand)                  -Number of ports: 24                  - Size: 2U</p>	2		
23	<p><b><u>Cable Manager 2U</u></b></p>	2		
24	<p><b><u>27U Network Rack</u></b> (Valrack or Selrack or any other equivalent reputed brand)                  Length 600mm x width 800mm. This rack will be installed in the server room on the 6<sup>th</sup> floor.  <b>One Cantilever Tray to be supplied with the Rack.</b></p>	1		
25	<p><b><u>I/O Box with I/O Points</u></b> (dlink or NT or any other equivalent reputed brand)</p>	85		
26	<p><b><u>Dlink Cat6 cable (Box of 305 meters)</u></b></p>	8		
27	<p><b><u>RJ-45 Connectors</u></b> (dlink or NT or any other equivalent reputed brand)</p>	100		
28	<p><b><u>Life Time Certification of Network Cabling</u></b></p>	1		

	works from OEM (A document from OEM to be obtained to this effect and submitted to NISM).			
29	<b><u>Installation and configuration Charges, Cost of technical expert's / resources' service for all the above mentioned items.</u></b>	1		
30	<b>Warranty for one year plus AMC for 1 year for the following items.</b> It will cover technical support services from the supplier for any troubleshooting or operational difficulties (This support will be mostly remote support but if required it may call for on-site presence of technical resource). i. Access Points ii. Switches <b>Note:</b> The warranty for 1 year is free of any charge and the Annual Maintenance Contract (AMC) for 1 year will start after completion of the warranty period.	1 Yr of AMC after warranty period of 1 year		
<b>TOTAL</b>				

**Note:**

1. Please note that payment will be made for Cat-6 cable and AV cables based on actual length used. Likewise payment for RJ-45 connectors will be based on actual number used.
2. Show applicable taxes on each of the above mentioned items/components separately.

-----  
Signature of the Authorized Signatory of Company

Name:

Designation:

Contact no(mobile):

Email Id:

Company Seal:

---

**ANNEXURE D**

(This will be part of Price Bid and will be submitted in envelope-3)

Date:

To  
Senior Vice President (ICT)  
National Institute of Securities Markets,  
NISM Bhavan,  
Plot No: 82, Sector - 17, Vashi,  
Navi Mumbai - 400703.

Dear Sir/Madam,

Subject: Letter of Commitment to project schedule for RFP No.: NISM/ICT/ RFP/06/2013-14

We commit to the project schedule as stated in Section -4 of the RFP.

Thank you.  
Yours faithfully,

---

Signature of the Authorized person

Name:

Designation:

Phone No (Mobile):

Fax and Email Address: Official Seal: (This letter should be typed on the letterhead of the Company and must be signed by the Authorized Signatory of the Company/Lead Company of the Consortium)

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## ANNEXURE - E

(This will be part of Price Bid and will be submitted in envelope-3)

### Company Profile

Name of the company	
Legal Status (e.g., sole proprietor, partnership, limited liability partnership, corporation etc., (Attach a copy of the certificate of incorporation)	
Physical Address	
Business Profile of the company (Attach a separate write-up or brochure that provides details of the business activities of the company)	
Email ID of the company	
PAN Number of the company	
TAN Number of the	

company	
TIN/VAT Number of the company	
Service Tax Registration Number	
Name of the Contact Person with Mobile and land line Number	
Company Name as it appears in its Bank Account	
Bank Account Number	
Type of Account	
Bank Name	
Bank's Branch Address	
Bank Branch IFSC Code	

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Signature of the Authorized Signatory of Company

Name:

Designation:

Contact no(Mobile):

Email Id:

Company Seal:

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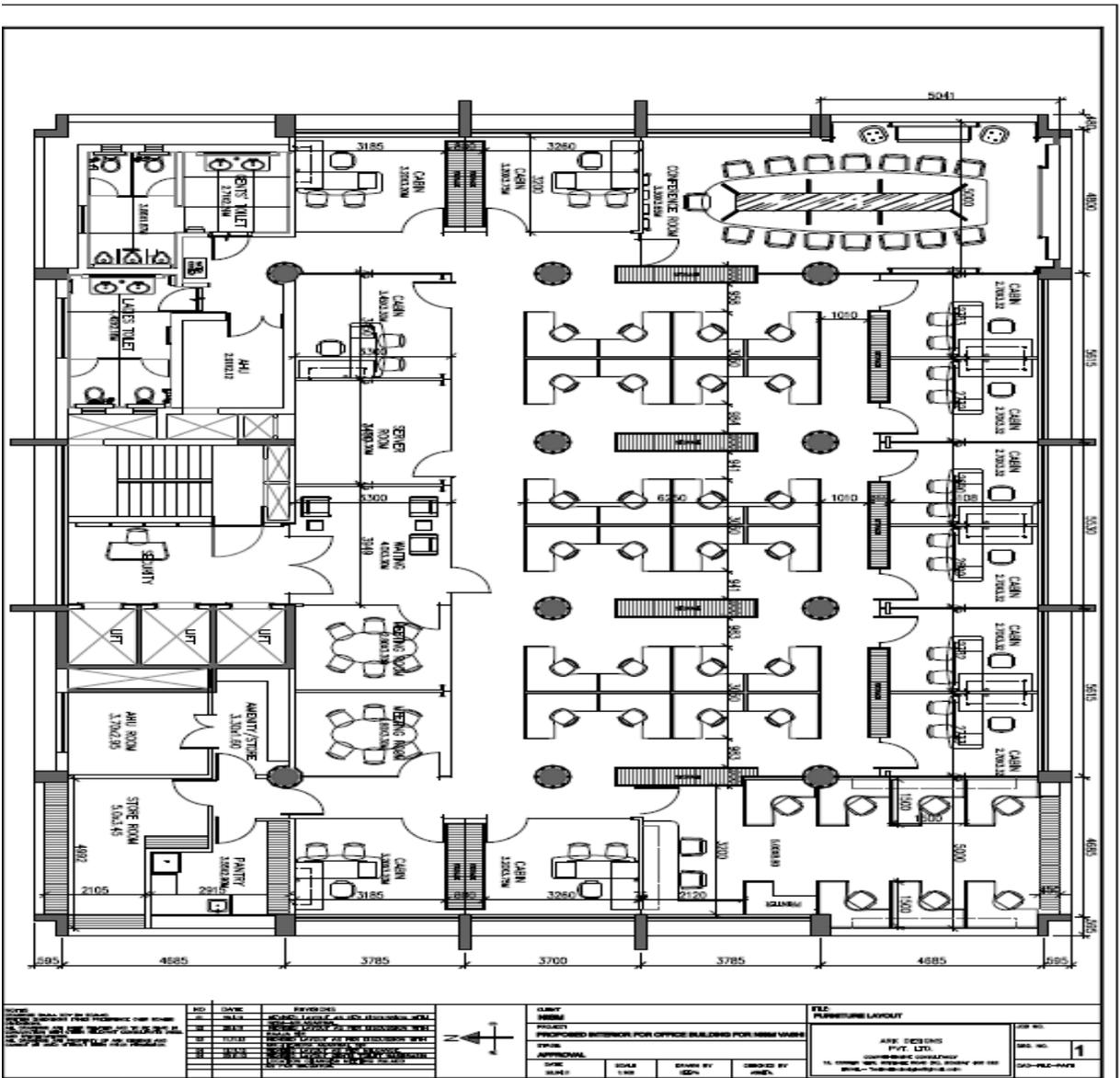
**ANNEXURE - F**  
**Checklist of items to be submitted with Price Bid in Envelope-3**

#	Items
1	Cover letter as stated in Annexure-A
2	Price bid in the format as given in Annexure -C.
3	Letter of commitment as per the format given in Annexure-D
4	Company profile in the format as given in Annexure -E
5	Letter of incorporation of the company or the lead company of the consortium responding to the RFP.

.....X.....

**ANNEXURE - G**

**6th Floor Layout**



**Diagram - 1**

## AV Connectivity Diagram

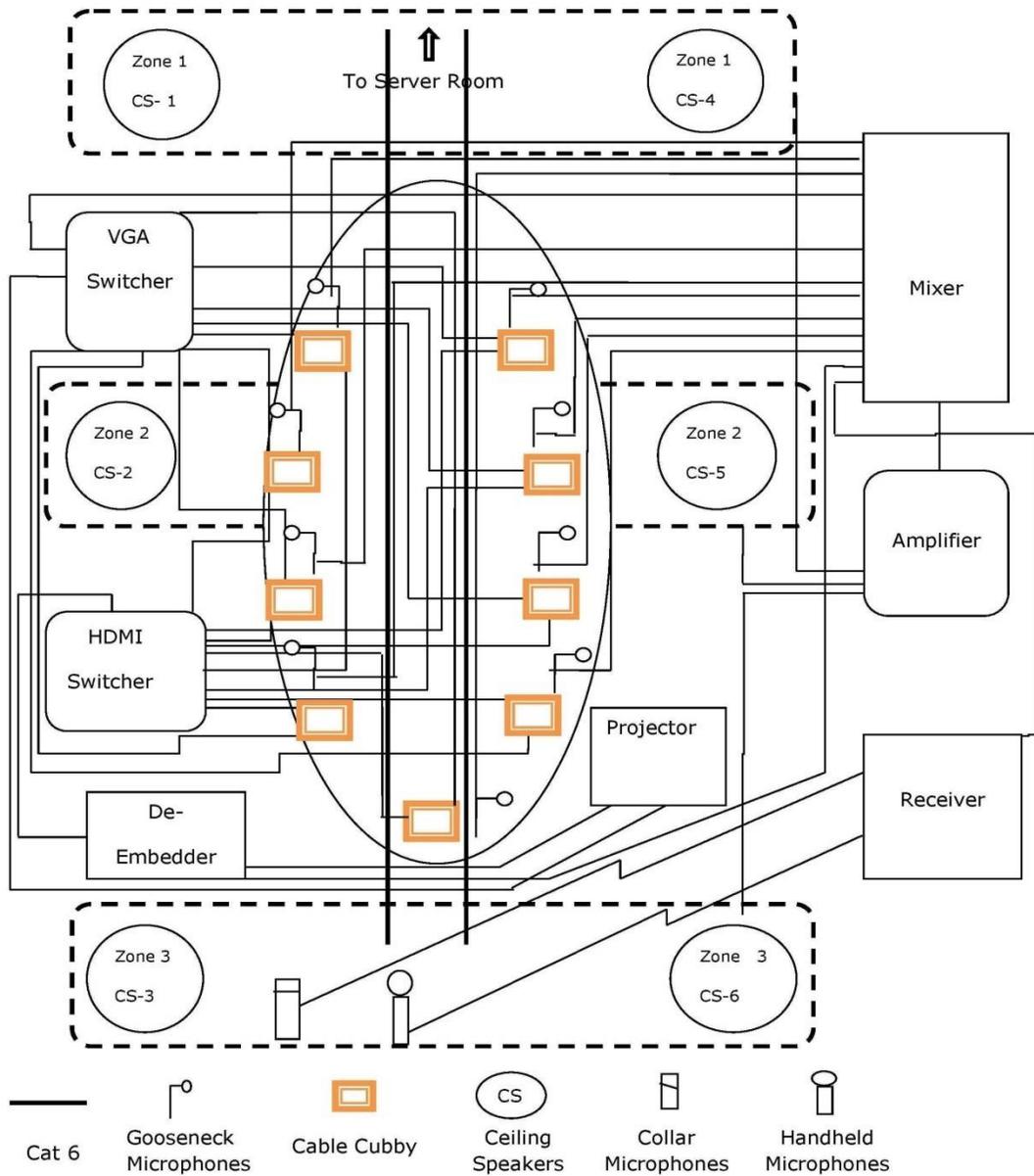
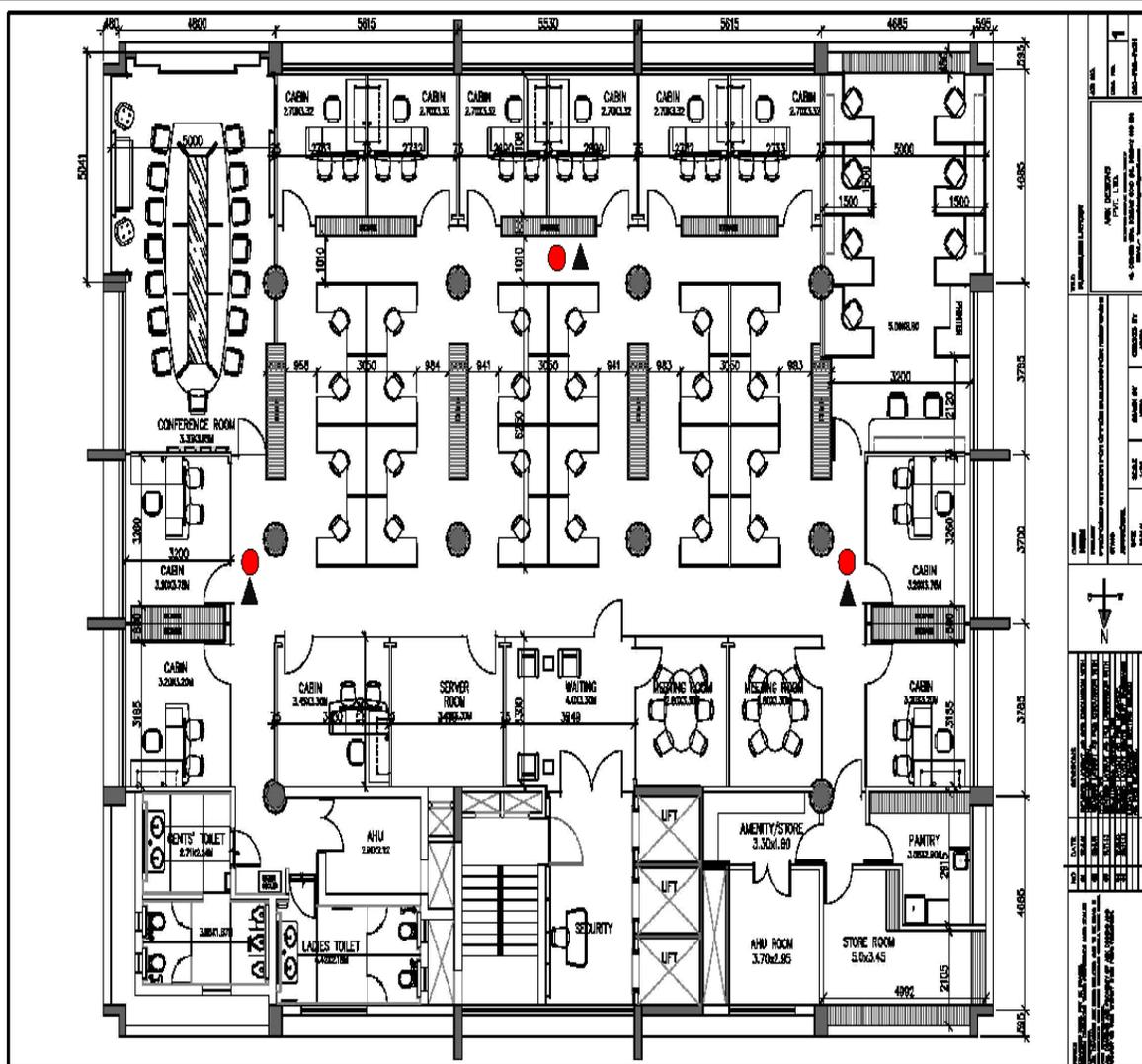


Diagram - 2

**Wireless Access Points (6<sup>th</sup> floor)**



**Diagram-3**

Wireless Access Points (Ground Floor)

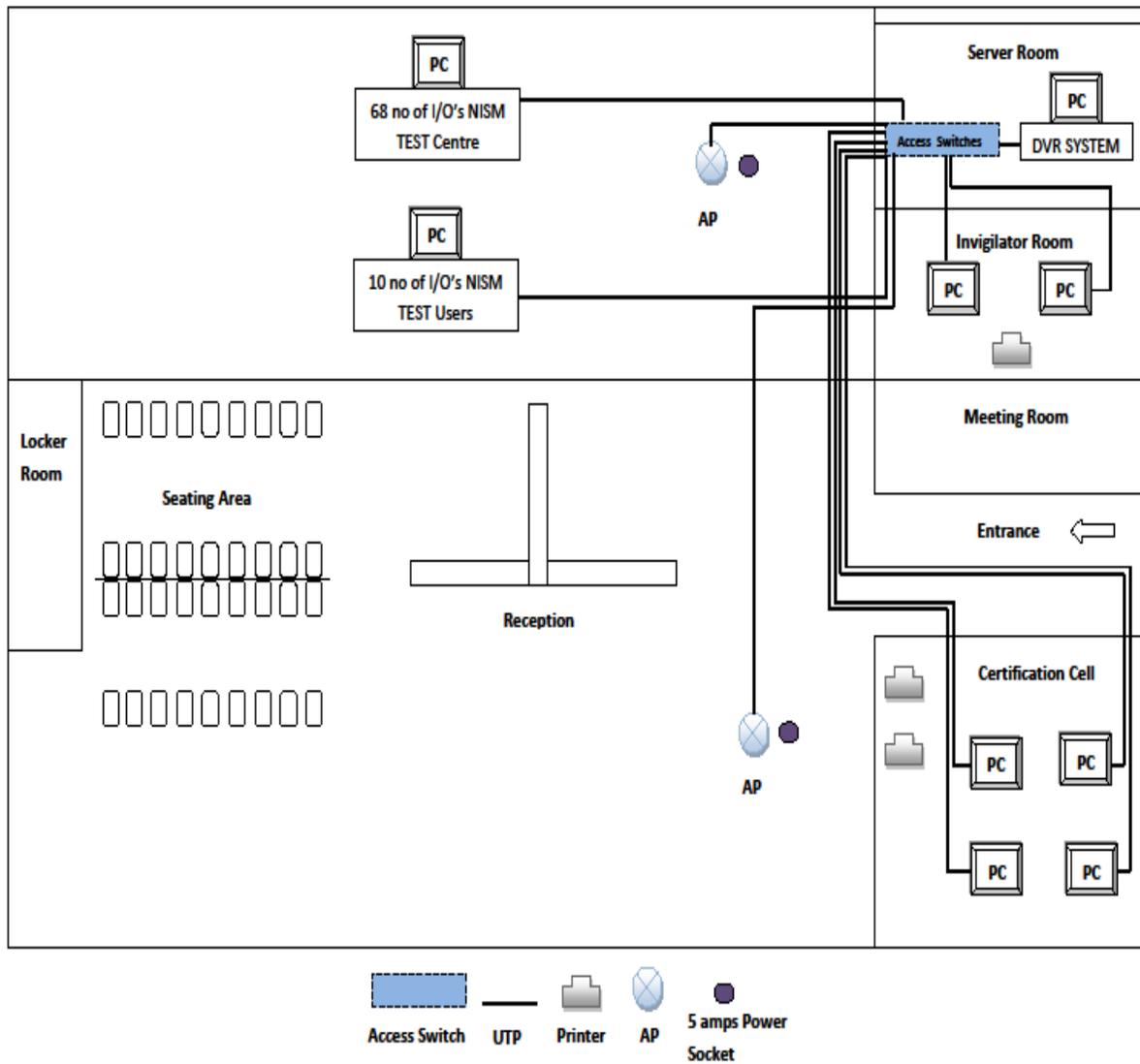
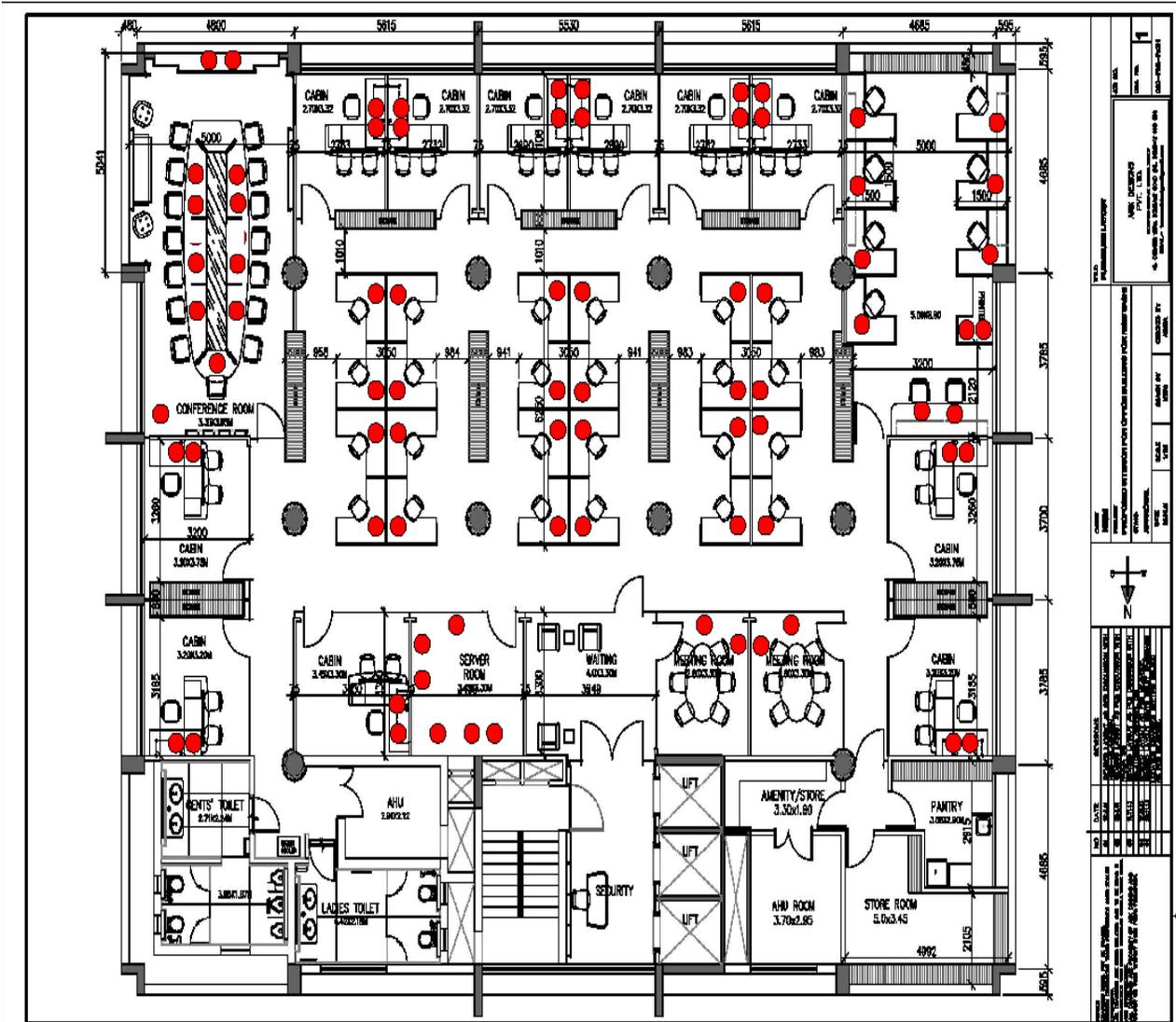


Diagram-4

REQUEST FOR PROPOSALS  
 FOR  
 NETWORKING and AUDIO VISUAL WORKS AT NISM  
 (Document Reference No: NISM/ICT/RFP/06/2013-14)

**LAN Ports (6<sup>th</sup> floor)**



**Diagram-5**

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**ANNEXURE- H****Wooden Pelmet for Motorized Screen****Picture - 1**

## Gooseneck Microphones with 'PUSH' Button



Picture - 2

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## Cable Cubby



Picture - 3

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**Touch Panel with charging unit****Picture - 4**