



# हरकोर्ट बटलर प्राविधिक विश्वविद्यालय

नवाबगंज, कानपुर - 208002, उ.प्र., भारत

**HARCOURT BUTLER TECHNICAL UNIVERSITY**

NAWABGANJ, KANPUR - 208002, U.P., INDIA

(Formerly Harcourt Butler Technological Institute, Kanpur)

Phone : +91-0512-2534001-5, 2533812, website : <http://www.hbtu.ac.in>, Email : [vc@hbtu.ac.in](mailto:vc@hbtu.ac.in)

**100 YEARS**  
1921 - 2021

## 1- 100 MBPS Internet lease line from NKN through BSNL

The screenshot shows the 'Connected Institutions' page on the NKN website. The page title is 'Connected Institutions' and the URL is 'nkn.gov.in/en/connected-institutions-it-en'. The page features a navigation menu with 'Connected Institutions' selected. Below the navigation, there is a section titled 'Members Connected' which states: 'The target users for the NKN are all institutions engaged in the generation and dissemination of knowledge in various areas, such as research laboratories, universities and other institutions of higher learning, including professional institutions. NKN has already connected 1653 institutions and aims to connect over 1500 Institutions / Organisations / Laboratories under various categories throughout the country. Following is the list of institutions currently connected 1653'. Below this text is a table titled 'List of Institutions Currently Connected' with columns for 'Institute Name' and 'Category'. The table lists several institutions, and 'Harcourt Butler Institute of Technology, Kanpur' is highlighted with a red box. The category for this institution is 'Engineering'. Other institutions listed include Guntur Medical College, Guru Angad Dev Veterinary and Animal Sciences University, Guru Ghasidas Vishwavidyalaya, Guru Gobind Singh Indraprastha University, Guru Govind Singh Medical College, Guru Jambheshwar University of Science & Technology, Gurukul Kangri Vishwavidyalaya, Haridwar, Harih Chandra Mehta Research Institute, Allahabad, and Haryana Institute of Public Administration, Gurgaon. The page also shows a search bar, a dropdown menu for 'All Category', and pagination information: 'Showing 561 to 570 of 1,653 entries'.

The screenshot shows the 'Services' page on the NKN website. The page title is 'Services' and the URL is 'nkn.gov.in/en/services-it-en'. The page features a navigation menu with 'Services' selected. Below the navigation, there is a section titled 'Services' which states: 'NKN is steadily evolving as the National Education Research Network (NREN) of India. The project has already made significant progress by connecting over 1500+ institutes in the network. NKN is now being looked as the harbinger of change in our knowledge society but this also brings together the responsibility to continuously look forward to provide the much required impetus to R&D initiatives related to networking technology. NKN understands the requirement of R&D initiatives without a profit motive and therefore took a step forward in facilitation of this cause. The team comprising of zealous engineers and networking experts have worked over past few years to develop the first set of NKN products and services. NKN network is designed with the aim of providing:'. Below this text is a list of features: '▶ Highest level of availability: Robust & reliable connectivity', '▶ Highest level of Scalability (specifically planned to match the unknown future demands which cannot be envisaged currently)', and '▶ Best Bandwidth Capacity: For NKN, various National Long Distance Carriers (NLDs) have provided 2.5Gbps / 10Gbps capacity links which can be self healed. Further, the NKN is in process of upgrading to 100Gbps or more connectivity.' The 'Highest level of Scalability' feature is highlighted with a red box.

# BHARAT SANCHAR NIGAM LIMITED

Page No-3

INST/0933

Office Of : PGM

CGM "Commercial Officer  
O/o CGMM NTR New Delhi" "Kidwai Bhavan New Delhi"

PAN no...AACB5576G  
Service Tax reg. no..  
DL I/ST/Lease/10/BSNL/2004

## Final Advice Note

To :

\_\_\_\_\_

Advice Note No : FAN/11###/002246/2012-13

Stand by : No

Date of issue : 17-Sep-2012

Work: Please put through 100 Mbps Data, 2-wire circuit with local lead/function pairs/channel for M/S NICS (NKN Project) to work between EndA To EndB with following specification

Circuit ID : 522#/00236/44/512#

Unique Service Id : 20120918642

Bulk Id : DEL/11###/NKNPROJECT/1416

Application No : A20120918642

Application Type : New Provision

Client Name : NICS (NKN Project)

Bandwidth : 100 Mbps

Circuit Type : DATA

Date Of Application : 15-Sep-2012

BandWidth Name : 100 Mbps

Billing Criteria : Yearly

Duration : Permanent

BCA : Delhintr

LLA RD / CD :	8.00	KM /	10.00	KM
LLB RD / CD :	4.00	KM /	5.00	KM
LD RD / CD :	79.06	KM /	99.00	KM

Last Mile A : OFC

Last Mile B : OFC

LLA NAME : NIC

LLB NAME : NICS (NKN Project)

LLA Address :

NIC State Centre E Floor, Yojana  
Bhawan 9 Sarojini Naidu  
Marg, Lucknow, U P  
(East), 226001, India Phone no: NA

LDCA : Lucknow

SDCA : Lucknow

MLLN : No

Modem/NTU owned by :

Not Present

No of Modem/NTU : 0

LLB Address :

Prof J S P Rai Director, Harcourt  
Butler Technological Institute  
Nawabganj, Kanpur, U P  
(East), 208002, India Phone  
no: 2534000

LDCA : Kanpur

SDCA : Kanpur

MLLN : No

Modem/NTU owned by :

Not Present

No of Modem/NTU : 0

### Payment Details

Customer's Billing Name & Address

M/S. NICS (NKN Project)

NKN Project Department of Information Technology , CGO Complex New Delhi , Delhi, Delhi, 110003, India

PDN Remarks : Commercials will be decided subsequently for this circuit as per BSNL C.O. New Delhi Lt No. F.No.5-149A/2011/EB-I dt. 28.08.2012 . & D.O.No. 2-247/COMML/NTR/NKN dt.16.02.2012

Commercial Office

Fax No : N.A.

Email : N.A.

Phone no: N.A.

null-



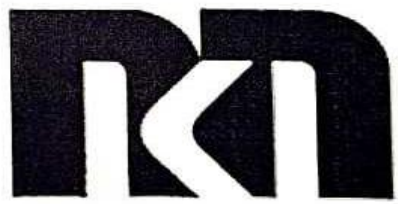
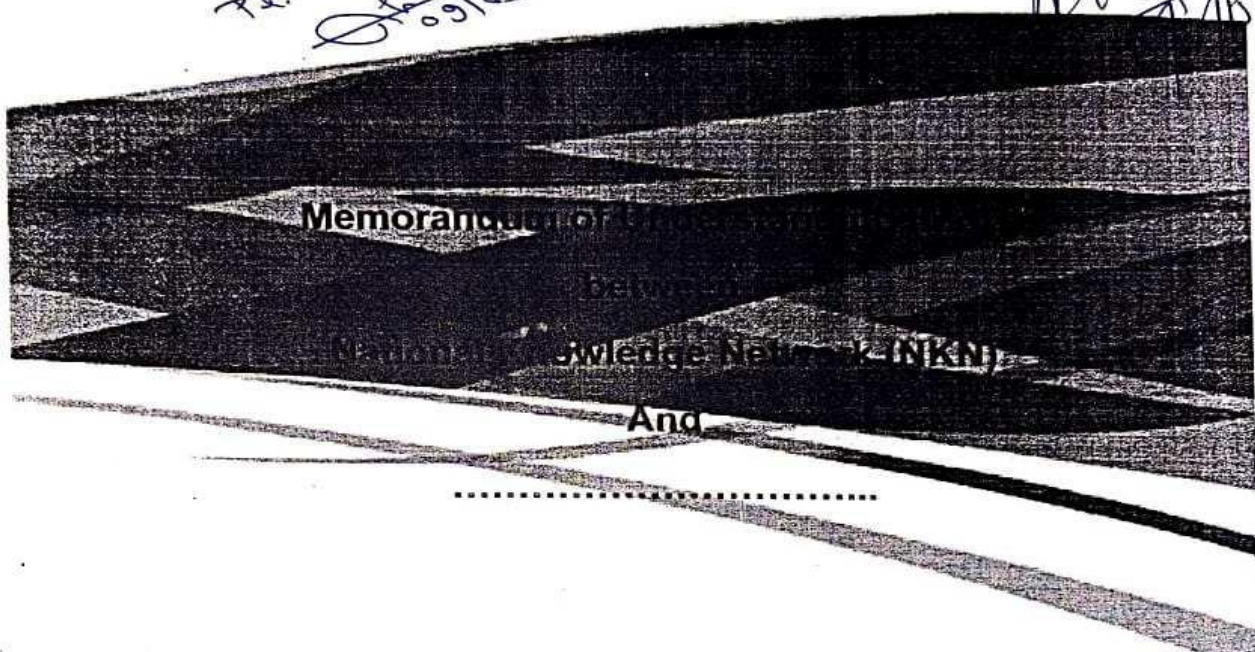
Mr. M. D. Singh

J. M. Kahli

HOD CS

Pl. File  
09/03/15

*[Signature]*  
09/03/15



Recd.  
*[Signature]*  
09/03/15

National Knowledge Network



**MoU FOR SERVICES ON NATIONAL KNOWLEDGE NETWORK**

This MoU (this "Agreement"), dated 13/11/17 is entered into by and among

**PARTIES TO THE MEMORANDUM**

**National Informatics Centre (NIC)**, Department of Information Technology, Ministry of Communication and Information Technology, Government of India at (Block-A, CGO Complex, Lodi Road, New Delhi-110003) which is the "Project Execution Agency (PEA)" for coordinating the implementation of National Knowledge Network (NKN) Project by the designated High Level Committee (HLC) on NKN.

AND

Director HBTI Kanpur, hereinafter referred to as 'User' with office at Computer Science & Eng. Dept. Office HBTI Kanpur

**RECITALS:**

**WHEREAS,**

- a) NKN is a state of art Multi-Gigabit Pan-India network. It has been designed to ensure the highest level of availability, quality of service, and robust, secure and reliable connectivity for extending network based services.
- b) "Project Execution Agency (PEA)" is the implementing agency on behalf of NKN Project, till such time a Special Purpose Vehicle (SPV)/Successor is not established. Once the SPV/Successor is established then all the roles agreed for by "PEA" in this agreement shall be as it is, transferred to the SPV/Successor.
- c) Pursuant to the terms and conditions of this Agreement, User desires to obtain Right of Use in the NKN network, upon accepting the terms and conditions set forth in this Agreement.

**NOW THEREFORE**, the User desires to use / make certain services available via a connection to NKN and the Parties have agreed that those services be made available on the terms and conditions set out in this Agreement. In consideration of the matters recited, the commitments contained herein, and the purpose and scope, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

**1. DEFINITIONS**

The following terms shall have the definitions indicated. Capitalized terms not defined in this Agreement shall have the meaning ascribed to them in the Agreement.

"Access Link"	the access link and/or other equipment which is required to make the connection between the User's network and NKN;
"Agreement"	this agreement, including its Exhibits, as may be amended from time to time under Clause 24.2;
"Clause"	a clause or sub-clause of this Agreement;
"Connectivity"	is the term used to describe the network based connectivity between the PEA and the User
"Confidential Information"	all information (in whatever form) designated as such by the other Party together with such information which relates to the business affairs,

NKN  
Confidential

Sign and stamp

Director NIC  
M. B. Techno Park  
KANPUR-2

## 2- 100 MBPS Lease Line from Power Grid Corporation



**पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड**  
(भारत सरकार का उद्योग)  
**POWER GRID CORPORATION OF INDIA LIMITED**  
(A Government of India Enterprise)



Power Grid Corporation of India Limited REGIONAL HEAD QUARTER, 12 RANA PRATAP MARG, HAZARATGANJ, LUCKNOW, 226001, IN															
GSTIN: 09AAACP0252G2ZQ Proforma Invoice for TELECOM SERVICES PAN: AAACP0252G															
PGCIL CP : 16614				Customer ID : 0002131721				Type of Service : ISP				Serial No. : 0009200942			
Invoice No : EP0904220001				Invoice Date : 26.07.2022				Due Date : 10.08.2022							
<b>Bill to</b>							<b>Place of Supply</b>								
Name <b>HARCOURT BUTLER TECHNICAL UNIVERSITY</b>							Name <b>HARCOURT BUTLER TECHNICAL UNIVERSITY</b>								
PAN							Address <b>NAWABGANJ, HARCOURT BUTLER TECHNICAL UNIVERSITY, KANPUR, 208002, IN</b>								
Address <b>NAWABGANJ, HARCOURT BUTLER TECHNICAL UNIVERSITY, KANPUR, 208002, IN</b>							State/Union Territory <b>Uttar Pradesh</b>								
Customer PO Number <b>GEMC-511687706408360</b>							State/Union Territory Code <b>09</b>								
Customer PO Date <b>30.11.2021</b>							Customer Code <b>0002131721</b>								
PO Value <b>448759.32</b>							Customer GSTIN/UIN <b>09AAALH0730N1Z2</b>								
Link From: <b>KANPUR</b>		ST/UT <b>UTTAR PRADESH</b>		Link To: <b>KANPUR</b>		ST/UT <b>UTTAR PRADESH</b>									
DOCO: <b>14.02.2022</b>		<b>Capacity: 100.000 MBPS</b>		Billing From <b>14.02.2022</b>		Billing To <b>13.02.2025</b>									
S.N.	Description of service	HSN/SAC	Gross Value	Discount If Any	Abatement if any	Taxable value	UTGST		CGST		SGST		IGST		
							Rate	Amount	Rate	Amount	Rate	Amount	Rate	Amount	
1	INTERNET BANDWIDTH CHARGES	998422	13,46,277.00	-	-	13,46,277.00	0.00	0.00	9.00	1,21,165.00	9.00	1,21,165.00	0.00	0.00	
	<b>Total</b>		13,46,277.00			13,46,277.00	0.00	0.00	0.00	1,21,165.00	0.00	1,21,165.00	0.00	0.00	
Total Invoice value(In figures)(incl GST)			<b>15,88,607.00</b>												
Total Invoice value(In Words)(incl GST)			<b>Rupees Fifteen Lakh Eighty Eight Thousand Six Hundred Seven Only</b>												
GST Amount(In Figures)			<b>2,42,330.00</b>												
GST amount(In Words)			<b>Rupees Two Lakh Forty Two Thousand Three Hundred Thirty Only</b>												
Whether reverse Charge applicable			<b>NO</b>												
<b>E &amp; OE</b>							For & on behalf of Power Grid Corporation of India Limited								
Bank details for payment: <b>Power Grid Corporation of India Limited</b>							Signature & Stamp								
IFSC Code <b>ICIC0000106</b>															
Name of the Bank & Branch <b>ICICI Bank Limited, DLF Phase I, Gurgaon Branch</b>															
Account Number <b>POWERG2131721</b>															
Account Name <b>Current Account</b>															
<b>Declaration</b>							JYOTSHANA RAKSHIT [This document is digitally signed] New Delhi 26.07.2022 12:28								
<b>Certified that the particulars given above are true and correct.</b>															
Remarks 1. Payment to be made before the due date in the form of Demand Draft Payable at Delhi in favour of M/s. Power Grid Corporation of India through NEFT/RTGS as per details above. 2. Delay in payment shall be liable to attract an interest @10% per annum or any other agreed rate. The same shall accrue from due date until such amount is paid in full. The amount of interest shall be addressed in the subsequent bills. 3. Payment details of this bill along with deductions, if any, must be intimated through email address telecom-marketing@powergrid.co.in.															
Registered Office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi-110016															

Telephone: 0512-22534001-5

Fax: 0512- 2533812

**HARCOURT BUTLER TECHNICAL UNIVERSITY**  
(Formerly Harcourt Butler Technological Institute)  
(CENTRAL STORE & PURCHASE SECTION)  
KANPUR-208002

Gem Contract No: GEMC - 511687706408360

Date: 30.11.2021

Ref.No.184/CS&P/Automation /2021

Date: 30.11.2021

**GeM Article Process Order**

Details of Concerned Department— आटोमेशन अनुभाग के प्रयोगार्थ।

Dear Sir/Madam,

Please arrange to receive following item as per attached contract generated through the GeM purchased on your request. Please acknowledge the receipt by indenting the item within two days, because GeM procurement is a time bound process.

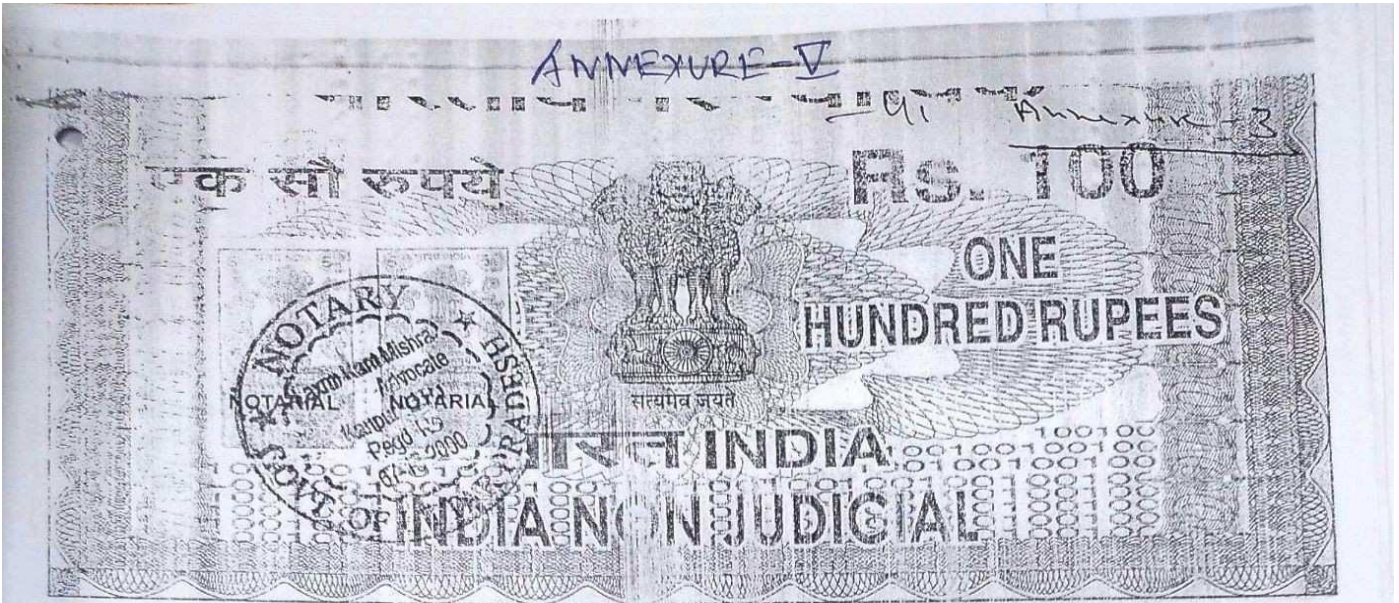
S. No.	Item Description	Quantity	(Unit Price) Cost of Service ( Per Bandwidth capacity per link)
1.	Packet Drop ( In percentage ) : less than 1 Type of Media : Fibre, Radio ( Wireless) License of Lease Line (LL/PP) : National long Distance (NLD) Static IP required ( For ILL ) : 8 DDOS with Internet Lease line Services : Yes District : NA Link Type( Manageability ) : Managed Type of Service : Internet Leased Line Zipcode : NA Router/ Networking Accessories : Provided by Seller Latency outside India : Less than 240 ms Latency within India : Less than 80 ms Types of Service providers • Government Service provider. Private Service provider <b>Bandwidth Capacity ( In Mbps ) : 100</b> License of Internet lease line (ILL) : Class A, Class B	1	44128.00
<b>Total Amount (Formula) :</b> (Quantity*Cost of Service ( Per Bandwidth capacity per link)*Contract Period/30)			
<b>Total Value without Addons</b>			<b>Rs. 15,88,608.00</b>
<b>Total Addon Value</b>			<b>0</b>
<b>Total Value Including Addons</b>			<b>Rs. 15,88,608.00</b>
<b>Amount of Contract</b>			
<b>Total Contract Value Including All Duties and Taxes in INR</b>			<b>Rs. 15,88,608.00</b>

**Total Rs. Fifteen Lakh Eighty Eight Thousand Six Hundred Eight only  
(GST Included)**

1. Term and conditions as per contract attached herewith.
  2. Specifications mentioned in the contract will be verified by the indenter.
  3. Sectional Incharge/Head/Dean are requested to provided OK report of the above received Items/Goods/Articles within 07 days, failing which the university may be Debarred/ Blacklisted from the GeM purchasing due to delay in the payment to supplier/party as per specified GeM time limit.
- Copy to: - 1. Finance Controller  
2. Chief Store Keeper

  
(C.L.Gehlot)  
Incharge  
Central Store & Purchase

**3- Campus Wi-Fi Facility from Reliance Jio**



उत्तर प्रदेश UTTAR PRADESH

EW 122744

Annex-I

**CONTRACT AGREEMENT  
WITH M/s Reliance Jio Infocomm**

M/s Reliance Jio Infocomm Limited has been appointed as the Service Provider (SP) vide NPIU letter no. NPIU/W.F./LAE/ dated 31st Jun for providing Campus Wi-Fi facility in the TEQIP-III institutions through OPEX model.

The campus Wi-Fi facility/services may be provided as per the following terms and conditions.

**1. General Information to be provided by the Institute;**

- a) Name of the Institute-Harcourt Butler Technical University, Kanpur Nagar
- b) Number of students-2279(Two Thousands Two Hundred Seventy-Nine Only)
- c) Number of faculty-97(Ninety-Seven)
- d) Number of institutes staff who would use the service-87(Eighty-Seven)
- e) Total number of users (b + c + d)-2464(Two Thousands Four Hundred Sixty-Four Only)
- f) Total number of buildings where Wi-Fi coverage is to be provided along with list and layouts of building (Plan Attached)
- g) Number of students in hostels-1089(One Thousands Eighty Nine Only)
- h) Nodal officer from Institute for project implementation-Dr. Narendra Kohli

**2. General conditions**

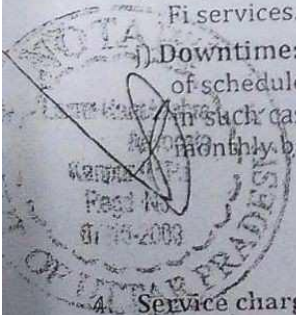
- a) The work would involve site survey, design, installation and maintenance of state-of-the-art carrier grade Wi-Fi network in the campus. Setting up of network inside the college, which would consist of optical fiber (minimum 1 pair), access switches, wireless access points, security equipment (firewall) etc. meeting the cost from his own resources. The fiber should also be made available

to the Institute free of cost for running the campus LAN as mentioned in TORs.

- b) The Wi-Fi facility should be provided in the Institute within 16 weeks from the date of issue of Purchase Order.
- c) The SP would earmark a dedicated team for implementing the network under a Nodal officer and convey the contact details of the Nodal officer to the Institute, within 7 days from the date of issue of the Order.
- d) The site survey should be completed and a report along with the detailed diagram of the proposed carrier grade network that would be deployed, giving details (make, model no.) of all the equipment should be submitted to the institute within 4 weeks from the date of issue of the Purchase Order.

3. Service levels:

- a) **Coverage:** The Wi-Fi services shall be covered in all 'hot spots' which shall include all academic, administrative blocks, labs, libraries, hostels, canteens and any such areas which are frequented by the students. There should be both indoor and outdoor coverage in areas where there are high footfalls. The number of Wi-Fi Access points provided in the campus should not be less than one Access Point for every 10 users. The Wi-Fi network should be suitably augmented for increase in the users, if any, to maintain the quality of service
- b) **Unlimited data usage:** There shall be limit of 1GB per day per user on the data downloads/uploads. Each user shall be allowed to log-in two devices (laptop and mobile) through two user ids. However, there can be a Fair Usage Policy (FUP) i.e. after a specified data download, the data speed can be reduced.
- c) **Data speeds:** The data speed during FUP should not be less than 4Mbps; and after FUP should not be less than 128 Kbps.
- d) **Installation and maintenance:** The entire capital for providing the campus Wi-Fi service has to be invested by the Service Provider (SP). The maintenance of the system shall be the responsibility of the SP.
- e) **Authorization, authentication, security, monitoring and report generation:** The Authorization, authentication and maintenance of users should be implemented separately for each Institute as specified by each Institute. In this regard, Institute will provide the user data. Provision should be there to generate performance reports Institute wise, monitor usage in case of FUP, enrolling users etc.
- f) **Compliance to International standards:** The offered Wi-Fi equipment at the Core NW and at the campus shall be state-of-the-art, carrier grade equipment conforming to relevant international, IEEE and ITU-T standards.
- g) **Portal:** The SP shall create a portal and provide read-only access for viewing Wi-Fi usage statistics to authorized personnel at the Institute.
- h) **Network Management System (NMS):** There should be a centralized NMS to monitor the performance of the network on 24\*7 basis. The Institute should be given access to the NMS required for operations of the network. The Institute staff should be trained to use the NMS.
- i) **Help Desk:** SP shall have a 24\*7 Call Center for dealing with user requests/complaints related to Wi-Fi services.
- j) **Downtime:** The maximum unscheduled downtime of the system shall be 15 minutes in a day. In case of scheduled maintenance, the same shall be intimated in advance to the institution and downtime in such cases shall not be more than 48 hours in 6 months. The downtime shall be calculated on monthly basis.



4. Service charges

- a) The service charges shall be Rs. 100 per month per user exclusive of all taxes.
- b) The actual users shall include the total number of existing students, faculty and staff in the Institute of Raichur Jio Infocomm Limited

*Handwritten signatures and marks at the bottom of the page.*



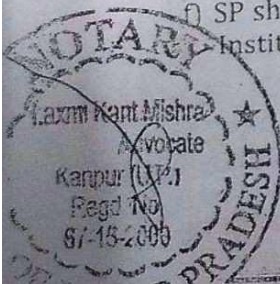
- 3.
- c) The service charges shall be paid to the SP by NPIU before 15<sup>th</sup> of every month after certification of invoice by the institute. NPIU will coordinate redressal of service related complaints from Reliance Jio.
  - d) The Service charges shall be payable from the date of successful commissioning of the Wi-Fi network in the Institute.
  - e) The services charges cannot be increased for a period of 5 years from the date of commissioning.

#### 5. Responsibilities of the Institute

- a) The Institute would permit the SP to install the equipment necessary for providing the campus Wi-Fi service within the campus.
- b) The installed equipment would be provided with security like any other Institute equipment.
- c) The Institute shall facilitate Right of Way (RoW) permissions within the campus for laying of cables without any charges to Service Provider, However, SP<sup>1</sup> would be responsible for reinstating the surface at their own cost.
- d) The required electricity for operating the equipment within the campus, from the local electricity authority, would be provided by the Institute without any charges to Service Provider. UPS wherever required would have to be installed by the SP.
- e) Institute will provide sufficient number of IP addresses to the SP.
- f) Institute will nominate a Nodal officer along with a link officer who would stand in during absence of nodal officer.
- g) Rent free Space / Room for storing the Inventory during project phase. Rent free space for sitting space for Technical staff deployed for operations and storage of spare and other equipment.
- h) SP would be allowed to put Physical branding of Reliance Jio mentioning "Availability of Wi-Fi" for creating awareness.

#### 6. Commissioning of the Wi-Fi Services Network:

- a) After successful commissioning of the Wi-Fi service network, the SP shall submit to the Institute a completion report with detailed Wi-Fi service network diagram, equipment location, equipment details like make, model etc.
- b) Partial commissioning of the Wi-Fi service network within the Institute is not acceptable.
- c) On receiving the completion report, the Nodal officer shall verify the Wi-Fi network details and performance and give the acceptance to the SP in accordance to coverage objective agreed in survey report. In case of any shortcomings, it should be conveyed by the Nodal office in writing to the SP within 7 working days of submission of completion report by the SP else it will be deemed accepted.
- d) The date for start of the billing cycle is the date of acceptance of the Wi-Fi service network by the Institute.
- e) If the date of acceptance of the Wi-Fi network is during the middle of the month, then the first payment would be for the remaining days in the month. Subsequently the billing would be monthly from 1<sup>st</sup> of every month.
- f) SP should provide the name and details (mobile number, email) of implementing team to the Institute.



For Reliance Jio Infrastructure Limited  
*[Signature]*  
Authorised Signatory

*[Signature]*  
कुल सचिव  
सर्वकार बटलर-मार्केटिंग विभाग  
कानपुर-2

7. Penalties:

In case of failure of the SP for providing the service in the manner specified above, the institution can recommend a penalty not exceeding 5% of the monthly service charges payable for the coming month. In case of continuing failure to maintain the service levels, the Institute can cancel the contract after giving adequate opportunity to the SP to explain the failures.

8. Termination of contract:

In case of continuing failure to maintain the service levels, the Institute can terminate the contract after giving adequate opportunity to the SP to explain the failure and rectify the failure within a maximum period of one month.

9. Force Majeure

Neither party shall be liable to the other for any delay or failure in performing its obligations under the Order to the extent that such delay or failure is caused by a Force Majeure event. Force Majeure Events include, but are not limited to, acts of God or the public enemy, government restrictions, floods, fire, earthquakes, explosion, epidemic, war, invasion, terrorist acts, riots, strike, or embargoes. SP's economic hardship or changes in market conditions are not considered Force Majeure Events. SP shall use all diligent efforts to end the failure or delay of its performance, ensure that the effects of any Force Majeure Event are minimized and resume performance under the Order.

10. Resolution of Disputes:

Any dispute arising out of the Contract, which cannot be amicably settled between the parties, shall be referred to adjudication/arbitration in accordance with the laws of the India.

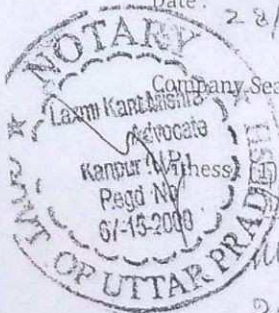
11. Law Governing Contract: The Parties and this agreement shall be governed by the laws of India.

Service Provider :

Reliance InfoComm Limited

Name : Vivek Mehrotra  
Designation : DGM, Marketing  
Date : 28/5/19

Company Seal



PRANU CHARAN  
1/15, VINEKHAND PURI  
MUMINABAR, LUCKNOW

226007

700711228

28/5/19

Certified that this documents is presented before me today at... it is executed by... who is duly identified Contents read over to the executed was admits this affidavit

Name of the Institute :

Harcourt Butler Technical University, Kanpur  
Name : Manoj Kumar Shukla  
Designation : Registrar  
Date : 28.05.2019

Institute Seal

मुख्य सचिव  
हार्कर्ट बटलर प्राविधिक विश्वविद्यालय  
कानपुर-2

Witness : (1)

Rita Sachan  
F.A.O. HBTU

KANPUR

Cont No-79 85 99 53 12

Sachan  
28/05/19