

# NATIONAL INSTITUTE OF FASHION TECHNOLOGY

राष्ट्रीय फैशन प्रौद्योगिकी संस्थान

**KANNUR CAMPUS**

कन्नूर कैंपस

(An institution under National Institute of Fashion Technology a statutory body governed by the NIFT Act 2006 and set up by the Ministry of Textiles, Govt. of India)

(राष्ट्रीय फैशन प्रौद्योगिकी संस्थान के तहत एक संस्थान जो निफ्ट अधिनियम 2006 द्वारा शासित एक सांविधिक निकाय है और कपड़ा मंत्रालय, भारत सरकार द्वारा स्थापित है)

## **INVITES EXPRESSION OF INTEREST (EOI)**

**From Central/State Government organizations including Autonomous organizations and PSUs as consultant for procurement, Installation and Commissioning of Campus LAN Wi-Fi Network & IP PBX solution and CCTV surveillance cameras at NIFT Kannur Campus.**

12162(7.12/(NIFT/KNR/CCTV-IPPBX-LAN-Wi-Fi)/2019

Dated: 08.02.2019

### **BID SCHEDULE**

Date of publication of Notice inviting EOI	08.02.2019:11.00 hours
Date from which EOI document can be downloaded	08.02.2019:11.00 hours
Date of commencement of submission EOI	08.02.2019:11.00 hours
Last date for submission of EOI.	01.03.2019:15.00 hours
Date and Time of the opening EOI	01.03.2019:16.00 hours

This EOI document contains 15 pages. Interested central/State Government organizations may submit their EOI in two separate sealed envelopes with profile of the organization indicating experience in similar consultancy services, Survey report along with the network diagram in one envelope, and the budgetary estimate for LAN, Wi-Fi & IP PBX and CCTV cameras and Agency charges in the other. The covers shall be superscribed as 'EOI for consultancy for procurement, installation and commissioning of Campus LAN, Wi-Fi, IPPBX and CCTV Cameras in NIFT Kannur campus-Technical' and 'EOI for consultancy for procurement, installation and commissioning of Campus LAN, Wi-Fi, IPPBX and CCTV Cameras in NIFT Kannur campus - Budgetary Estimate & Agency charge' as the case may be.

Both the covers shall be put into another large cover and submitted to The Director, NIFT Kannur Campus, Dharmasala, Kannur-670562, Kerala, to reach on or before 01.03.2019:15.00 hours. The cover shall be superscribed as 'EOI for consultancy for procurement, installation and commissioning of Campus LAN, Wi-Fi, IPPBX and CCTV Cameras in NIFT Kannur campus'.

The EOI document can be downloaded from "tenders" link of the NIFT website i.e. <https://nift.ac.in/kannur/tenders>.

**NIFT CAMPUS, Dharmasala,**

**Kannur – 670562**

Phone: 0497 2784780 to85

<http://www.nift.ac.in/kannur/tender>

## 1. INTRODUCTION.

National Institute of Fashion Technology (NIFT) was set up by the Ministry of Textiles, Government of India in 1986 which has been accorded statutory status under Act of Parliament in 2006 (NIFT Act 2006) for the promotion and development of education and research in the field of Fashion Technology. NIFT provides fashion business education across the country through its network of 16 centers. It provides four years under graduate (UG) program in design and technology, two years post graduate (PG) program in design, fashion management & fashion technology and short duration education program to address the specialized needs of professional and students in the field of fashion. NIFT has its head office at New Delhi with its centres located at Bengaluru, Bhopal, Bhubaneswar, Chennai, Gandhinagar, Hyderabad, Jodhpur, Kangra, Kannur, Kolkata, Mumbai, New Delhi, Patna, Raibareli, Shillong and Srinagar.

NIFT, Kannur centre was established in the year 2008 with undergraduate and post graduate programmes. It is situated at DHARMASALA, MANGATTUPARAMBA on the Kannur-Taliparamba Road (NH 66) in Kannur District, Kerala.

The main building infrastructure of the Institute consists of a GF+8 Floor Academic block, a GF+2 work shop block, a G+1 canteen block, a GF+1 Auditorium Block and two GF+2 Hostel buildings for girls. Approximately 750 students are getting education every year in this Institute and about 50 Officers/Faculty and employees are working in the Institute. The campus is currently using NKN connection for LAN.

## 2. NOTICE INVITING TENDER

Director NIFT Kannur Campus invites Expression of Interest (EOI) from Central/ State Government organizations including organizations/PSUs for hiring consultant for offering best possible, cost-effective turnkey solution for implementing LAN Wi-Fi Network & IP PBX solution and CCTV surveillance cameras at the Kannur campus as per the Requirements and Specifications given in Paragraph 4-Scope of Work and Specifications. The Consultant's qualifying parameters are given under Paragraph 6 – Qualifying Parameters. Eligible and interested organizations/consultants may submit their EOI to The Director, NIFT Kannur Campus, Dharmasala, Kannur-670562, Kerala, to reach on or before 01.03.2019:15.00 hours. The EOI document can be downloaded from “tenders” link of the NIFT website i.e. <https://nift.ac.in/kannur/tenders>.

**Correspondence Address:** The Director, National Institute of Fashion Technology, NIFT Campus, Dharmasala, Kannur-670562, Kerala.

If any clarification is required relating to this tender, the same can be sought from the following officers of NIFT Kannur.

- Shri.Nagaraj T.R, Assistant Director, 0497-2780434, e-mail:[ad.kannur@nift.ac.in](mailto:ad.kannur@nift.ac.in)
- Shri Chakravarthy P, IT-in-charge Mob No.9400361639 e-mail:[chakravarthy.p@nift.ac.in](mailto:chakravarthy.p@nift.ac.in)

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### **3. INSTRUCTIONS TO BIDDERS.**

**3.1** The EoI shall be submitted in two separate sealed envelopes, one for submitting Survey Report along with the network diagram along with Technical documents and the other for submitting the budgetary estimate/Bill of Quantities for LAN, Wi-Fi & IP PBX and CCTV cameras and Agency charges. The covers shall be superscribed as 'EOI for consultancy for procurement, installation and commissioning of Campus LAN, Wi-Fi, IPPBX and CCTV Cameras in NIFT Kannur campus-Technical' and 'EOI for consultancy for procurement, installation and commissioning of Campus LAN, Wi-Fi, IPPBX and CCTV Cameras in NIFT Kannur campus - Budgetary Estimate & Agency charge' as the case may be. Both the covers shall be put into another large cover and submitted to The Director, NIFT Kannur Campus, Dharmasala, Kannur-670562, Kerala, to reach on or before 01.03.2019:15.00 hours. The outer cover shall be superscribed as 'EOI for consultancy for procurement, installation and commissioning of Campus LAN, Wi-Fi, IPPBX and CCTV Cameras in NIFT Kannur campus.

#### **3.2 Technical Cover shall contain:**

- 3.2.1 Profile of the Company/Consultant
- 3.2.2 Experience details in the field of System Integration of Wi-Fi Networks /ICT Telecom/ICT Education Institute /Enterprise.
- 3.2.3 Copy of Accounts of the last three years (2015-16, 2016-17 and 2017-18) in proof of Turnover and net worth
- 3.2.4 Solvency certificate.
- 3.2.5 Details of availability of skilled/technical manpower to handle the specific area.
- 3.2.6 Copy of ISO certificate
- 3.2.7 Undertaking to the effect that the organization had not been blacklisted at any time and no case/inquiry has been registered against the organization.
- 3.2.8 Details of major OEMs in India from which procurement is proposed and their period of existence.
- 3.2.9 Copy of manufacturer's Authorization Form.
- 3.2.10 Site Survey report and Net work diagram

#### **3.3 . The second cover shall contain:**

- 3.3.1 Item wise Bill of Quantities with budgetary estimate for procuring, installation and commissioning of the entire system including support systems. Actual cost of implementation shall be within the budgetary cost quoted for.
- 3.3.2 Agency/Consultancy charge for the organization.
- 3.4 . Interested organizations may survey the site with prior intimation to the Director NIFT Kannur campus, for providing the estimate.
- 3.5. Requirement details of LAN, Wi-Fi & IP PBX and CCTV cameras (Annexure N 1 to N 5, W 1 to W 6, C 1 to C 7, and T 1 to T 6) and the layout of the building are attached.

### **4. SCOPE OF WORK & SPECIFICATIONS**

**4.1.** NIFT Kannur campus is currently using NKN connection for LAN. NIFT Kannur is exploring options offering cost-effective turnkey solution for implementing LAN Wi-Fi Network & IP PBX solution and CCTV surveillance cameras at the Kannur campus. The selected consultant shall provide best possible and cost effective solution for procurement, installation and commissioning of LAN Wi-Fi Network & and IP

PBX solution and CCTV surveillance cameras at the Kannur campus. The LAN, Wi-Fi and CCTV must be compatible with the existing network.

- 4.2. The selected organization/consultant shall be responsible for procurement, installation, commissioning, operations and management of the entire system including its sub systems, customer support and responsibility as per SLAs.
- 4.3. Installation and commissioning of LAN, Wi-Fi & IP PBX and CCTV includes laying of cable, core switches, layer switches, racks, and other components etc.
- 4.4. Scope of work includes IP based CCTV cameras with video management and analytics open software based on server architecture of all cameras and also channels NVT for local view with continuous recording for critical areas like entry, exit, computer labs etc, and motion capturing for other areas with both local and cloud storage, with one month recording. Configuration and customization of video surveillance software will be the responsibility of the selected organization/consultant.
- 4.5. NIFT Kannur does not have server and firewall at present. The agency should set up server and hardware firewall.
- 4.5. Core Switch (1+1 redundancy) should have minimum 24 \*10 G ports and 4\*40 g ports.
- 4.6. All edge Switches must have 4 \*10G ports.
- 4.7. Unified wireless system (console base). A.P's should support 802.11 AC standards.
- 4.8. Minimum Camera 2 Megapixel IP based.
- 4.9. CAT 6A cable and OS2 single mode fibre.
- 4.10. All components should have minimum 5 years warranty.
- 4.11. LAN, Wi-Fi, IP PBX and CCTV camera shall have Minimum 3 (Three) year onsite Warranty /Guarantee.
- 4.12. All the passive work should be ISO certified.
- 4.13. All OEMs for LAN & Wi-Fi should be listed among the Magic Quadrant of Gartner Report in their respective domain in at least 2 of last 3 years.

## 5. Summary of Requirement

S.No	Particulars	Annexure reference	Qty
1	Estimated Nodes for Academic Block (GF+8)	N1	235
2	Estimated nodes for workshop block (GF+1)	N2	9
3	Estimated nodes for Auditorium Block (GF)	N3	3
4	Estimated nodes for Girls' Hostel (basement)	N4	8
5	Estimated nodes for Girls' Hostel-2 (GF)	N5	13
			<b>268</b>
6	Estimated Wi-Fi Access points for Academic Block (GF+8)	W1	76
7	Estimated Wi-Fi Access points for workshop block (2 <sup>nd</sup> Floor)	W2	1
8	Estimated Wi-Fi Access points for canteen block (GF+1)	W3	2
9	Estimated Wi-Fi Access points for Auditorium Block (GF+1)	W4	5
9	Estimated Wi-Fi Access points for Girls' Hostel (basement+GF+2)	W5	39
10	Estimated Wi-Fi Access points for Girls' Hostel-2 (GF+2)	W6	28
			<b>151</b>
11	Estimated CCTV cameras for Academic Block (Basement+GF+8+Roof/lift room))	C1	341

12	Estimated CCTV cameras for workshop block (GF+3+Terrace).	C2	34
13	Estimated CCTV cameras for canteen block (GF+1)	C3	14
14	Estimated CCTV cameras for Auditorium Block (GF+1)	C4	25
15	Estimated CCTV cameras for Girls' Hostel (basement + GF)	C5	27
16	Estimated CCTV cameras for Girls' Hostel-2 (GF+1)	C6	18
17	Estimated CCTV cameras for open/common areas	C7	24
			<b>483</b>
18	Estimated telephone points at Academic Block (Basement+GF+8+Gate))	T1	109
19	Estimated telephone points at workshop block (FF)	T2	4
20	Estimated telephone points at canteen block (GF)	T3	1
21	Estimated telephone points at Auditorium Block (GF)	T4	2
22	Estimated telephone points at Girls' Hostel-1(basement + GF)	T5	3
23	Estimated telephone points at Girls' Hostel-2 (GF)	T6	3
			<b>122</b>

(p.n: quantities shown are tentative and may vary)

## 6. CONSULTANT'S QUALIFYING PARAMETERS

Sl. No.	Eligibility Parameter	criteria
6.1	Presence (duration) of the organization/consultant in the field of System Integration of Wi-Fi Networks /ICT Telecom/ICT Education Institute /Enterprise	5 years
6.2	The organization/consultant should have successfully completed minimum ICT project for Passive & Active networking , CCTV & Wi-Fi in Govt./Education/PSU/Pvt. sector for the last 5 years	5 Nos.
6.3	The organization/consultant should have executed a single order of Networking / Wi-Fi/Surveillance of at least Rs.40 lakh or more in the last 3 years	1 No.
6.4	Average Annual Turnover of the organization during last three financial years	Rs. Five crore
6.5	The organization should have positive net worth in the past 2 years	To be furnished
6.6	Bank Credit Limit or Solvency of the organization (Maximum three months old)	To be furnished
6.7	Availability of Skilled/Technical man-power to handle (specific area) with the organization.	Minimum 15 personnel
6.8	Organization should have Quality Certification ( minimum ISO 9000)/ISO 27001	To be furnished
6.9	Undertaking to the effect that the organization had not been black listed at any time and no case/inquiry has been registered against.	To be furnished
6.10	Period of existence (duration) of the Major OEMs in India, from which procurement is proposed. (All OEMs for LAN & Wi-Fi should be listed among the Magic Quadrant of Gartner Report in their respective domain in at least 2 of last 3 years.)	No of years
6.11	Organization should have OEM's Certification -MAF	To be furnished

## **7. GENERAL TERM AND CONDITIONS**

- 7.1** The selected organization/consultant must ensure that the equipment for which the payments are made by the client shall at all times be fully insured and be kept under comprehensive onsite warranty and upgrade support from OEM and the same shall be transferred to client at the end of the term of the contract (or the extended term) if any.
- 7.2** During the term of contract the selected organization/consultant shall maintain the equipments in good working condition and for this purpose will provide the following repair and maintenance service:
- 7.3** The selected firm shall correct any faults and failures in the equipment and shall repair and replace worn or defective parts of the equipment during Client's normal working hours on all working days.
- 7.4** In cases where unserviceable parts of the equipment need replacement the selected firm shall replace such parts, at no extra cost to NIFT, with brand new parts or those equivalent to new parts in performance.
- 7.5** The firm shall further ensure that the equipment is not down at any time for want of spare parts.
- 7.6** The consultant must follow the provisions of GFR and CVC guidelines in the procurement matters.
- 7.7** LAN, Wi-Fi, IP PBX and CCTV camera shall have Minimum 3 (Three) years onsite Warranty /Guarantee.
- 7.8** NIFT reserves the right to accept or reject any or all the offers either fully or partly without assigning any reasons.

**DIRECTOR**

**Signature of authorized representative of the participating Firm with seal**

**Annexure N1: Estimated Nodes for Academic Block NIFT Kannur Campus**

<b>Building/Floor details</b>	<b>Location details</b>	<b>Existing quantity</b>	<b>Additional requirement</b>	
Basement	Resource Centre		15	
	Uplink		1	
Ground Floor	Reception		2	
	Resource Centre	10	5	
	Admin Office		14	
	Punching Machine		4	
	COE		4	
	Director, JD, AO, DD, PS		6	
	Seminar Hall - 1		2	
	Seminar hall -2		2	
	Students Centre		4	
	Display Room		2	
	Admin Office		15	
	Uplink		1	
	1st Floor	VC room		2
		Server room		5
Mac Lab			42	
SDAC			2	
Computer Lab 1 (107)		85	3	
Computer Lab 2 (104)		85	3	
Computer lab 3 (Siema)			12	
Uplink			1	
2nd Floor		Faculty room-1		10
	Faculty room -2		10	
	Design Studio		2	
	Uplink		2	
3rd Floor	Faculty room-1		10	
	CAC office		2	
	Uplink		1	
4th Floor	Faculty room-1		10	
	Uplink		2	
	Faculty room -2		10	
5th Floor	Faculty room		10	
	Uplink		1	
6th Floor	Faculty room		10	
	Uplink		1	
7th Floor	-	-	-	
8th Floor	Studio		4	
	Faculty Lobby		2	
	Uplink		1	
			<b>235</b>	

**Annexure N2: Estimated Nodes for Workshop Block NIFT Kannur Campus**

Building/Floor details	Location details	Existing quantity	Additional requirement
Ground Floor	Embroidery Lab		1
	Lab Asst		1
	Knitting Lab		2
1st Floor	Engg Office		4
	Uplink		1
			<b>9</b>

**Annexure N3: Estimated Nodes for Auditorium Block NIFT Kannur Campus**

Building/Floor details	Location details	Existing quantity	Additional requirement
Ground Floor	Control room		2
	Uplink		1
			<b>3</b>

**Annexure N4: Estimated Nodes for Girls Hostel NIFT Kannur Campus**

Building/Floor details	Location details	Existing quantity	Additional requirement
Basement	Reading Room		5
	Hostel Office		2
	Uplink		1
			<b>8</b>

**Annexure N5: Estimated Nodes for Boys Hostel NIFT Kannur Campus**

Building/Floor details	Location details	Existing quantity	Additional requirement
Ground Floor	Reading Room		5
	Hostel Office		2
	Guest rooms		5
	Uplink		1
			<b>13</b>

**Annexure W1: Estimated WIFI -AP Location for Academic Block NIFT Kannur Campus**

Building/Floor details	Location details	Existing quantity	Additional requirement	
Basement	Resource Centre		1	
Ground Floor	Foyer (Outdoor)		1	
	Board Room		1	
	Resource Centre		2	
	Seminar Hall - 1		2	
	Seminar hall -2		2	
	Students Centre		1	
	Admin Office		4	
	Cafeteria - Dining		1	
	Outdoor		4	
	1st Floor	VC room		1
		Server room		1
		Mac Lab		1
		Outdoor		1
Computer Lab 1 (107)			2	
Computer Lab 2 (104)			2	
Computer lab 3 (Siema)			2	
	Classroom		1	
2nd Floor	Classrooms		7	



	Design Studio		1
	Specialization Classroom		1
	Faculty Room		2
	Terrace		1
3rd Floor	Faculty Room		1
	Classrooms		8
	Outdoor		1
4th Floor	Faculty room		2
	Classroom		6
5th Floor	Faculty room		2
	Classroom		4
6th Floor	Faculty room		1
	Classroom		3
7th Floor	Outdoor		1
	Classrooms		3
8th Floor	Studio		1
	Classroom		1
			<b>76</b>

**Annexure W2: Estimated WIFI AP Location for Workshop Block NIFT Kannur Campus**

Building/Floor details	Location details	Existing quantity	Additional requirement
Second Floor	Outdoor Access Point		1
			<b>1</b>

**Annexure W3: Estimated WIFI AP Location for Canteen Block NIFT Kannur Campus**

Building/Floor details	Location details	Existing quantity	Additional requirement
Ground Floor	Dining area		1
1st Floor	Dining area		1
			<b>2</b>

**Annexure W4: Estimated WIFI AP Camera Location for Auditorium Block NIFT Kannur Campus**

Building/Floor details	Location details	Existing quantity	Additional requirement
Ground Floor	Hall		2
	Outdoor		1
1st Floor	Hall		2
			<b>5</b>

**Annexure W5: Estimated WIFI AP Location for Girls Hostel – 1 at NIFT Kannur Campus**

Building/Floor details	Location details	Existing quantity	Additional requirement
Basement	Meeting Hall		1
	Dining area		1
Ground Floor	Room Area		12
	Outdoor		1
First Floor	Room Area		12
Second Floor	Room Area		12
			<b>39</b>

**Annexure W6: Estimated WIFI AP Location for Girls Hostel – 2 at NIFT Kannur Campus**

Building/Floor details	Location details	Existing quantity	Additional requirement
Ground Floor	Room Area		5
	Guest Room Corridor		2
	Dining Area		2

1st Floor	Room Area		9
2nd Floor	Room area		9
	Outdoor		1
			<b>28</b>

### Annexure C1: Estimated CCTV Camera Location for Academic Block NIFT Kannur Campus

Building/Floor details	Location details	Existing quantity	Additional requirement	
Basement	Parking		2	
	Store room 1		3	
	Store room 2		3	
	Store room 3		3	
	Store room 4		3	
	Corridor		2	
	Lift Lobby		2	
	Cafeteria		2	
	Resource Centre		10	
		<b>Total for the Floor</b>		<b>30</b>
	Ground Floor	Foyer		5
Reception			2	
Lift Lobby 1			1	
Lift Lobby 2			1	
Resource Centre			10	
Seminar Hall - 1			5	
Seminar hall -2			5	
Students Centre			6	
Display Room			6	
Admin Office			15	
Stationery Store			1	
Cafeteria - Dining			2	
Centre court Yard			4	
External			15	
		<b>Total for the Floor</b>		<b>78</b>
1st Floor		VC room		2
		Server room		2
	Mac Lab		3	
	Art room 1		3	
	SDAC		1	
	Art room 2		3	
	Art room 3		3	
	Lift Lobby 1		1	
	Lift Lobby 2		1	
	GC Lab		7	
	Fire Exit-1		1	
	Fire Exit-2		1	
	Stairs 1		1	
Stairs 2		1		
Stairs 3		1		

	PM Lab		7
	Computer Lab 1 (107)		10
	Computer Lab 2 (104)		10
	Computer lab 3 (Siema)		8
	Entrance		2
	Terrace		4
	Corridor		16
	<b>Total for the Floor</b>		<b>88</b>
2nd Floor	Lift Lobby-1		1
	Lift Lobby-2		1
	Fire Exit-1		1
	Fire Exit-2		1
	Stairs 1		1
	Stairs 2		1
	Stairs 3		1
	Terrace		6
	Foyer		1
	Design Studio		3
	Art room 1		3
	Art room 2		3
	<b>Total for the Floor</b>		<b>23</b>
3rd Floor	Lift Lobby-1		1
	Lift Lobby-2		1
	Fire Exit-1		1
	Fire Exit-2		1
	Stairs 1		1
	Stairs 2		1
	Stairs 3		1
	Terrace		1
	GC Lab 1		3
	GC Lab 2		3
	Corridor		10
	<b>Total for the Floor</b>		<b>24</b>
4th Floor	Lift Lobby-1		1
	Lift Lobby-2		1
	Fire Exit-1		1
	Fire Exit-2		1
	Stairs 1		1
	Stairs 2		1
	Stairs 3		1
	Terrace		1
	PM Lab		8
	Computer Lab		3
	Art Room		3
	Corridor		10
	<b>Total for the Floor</b>		<b>32</b>
5th Floor	Lift Lobby		1
	Fire Exit		1
	Stairs 1		1
	Stairs 2		1
	Stairs 3		1
	Terrace		1
	GC Lab		3

	Corridor		6
	Art room		3
	<b>Total for the Floor</b>		<b>18</b>
6th Floor	Lift Lobby		1
	Fire Exit		1
	Stairs 1		1
	Stairs 2		1
	Terrace		1
	PM Lab		8
	Corridor		6
	Art Room		3
	<b>Total for the Floor</b>		<b>22</b>
7th Floor	Lift lobby		1
	Fire Exit		1
	PM Lab		3
	GC Lab-1		3
	GC Lab 2		3
	Stair 1		1
	Corridor		2
	Terrace		1
	<b>Total for the Floor</b>		<b>15</b>
8th Floor	Studio		2
	Lift Lobby		1
	Fire exit		1
	Stairs		1
	Faculty Lobby		1
	Corridor		1
	Terrace		1
	<b>Total for the Floor</b>		<b>8</b>
Roof/Lift room	Staircase		1
	Open Area		2
	<b>Total for the Floor</b>		<b>3</b>
	<b>Total for the building</b>		<b>341</b>

**Annexure C2: Estimated CCTV Camera Location for Workshop Block NIFT Kannur Campus**

Building/Floor details	Location details	Existing quantity	Additional requirement
Ground Floor	Entrance		2
	External		6
	Dyeing lab		2
	Embroidery		1
	Knitting Lab		2
1st Floor	Stairs		2
	Printing Lab		2
	Screen Making		1
	Material Work Shop		2
2nd Floor	Stairs		2
	Weaving Lab-1		2
	Weaving Lab 2		2
3rd Floor	Stairs		2
	Material Lab 2		2
	Weaving Lab 3		2
Terrace	Roof Area		2
			<b>34</b>

**Annexure C3: Estimated CCTV Camera Location for Canteen Block NIFT Kannur Campus**

Building/Floor details	Location details	Existing quantity	Additional requirement
Ground Floor	Entrance		2
	Dining area		2
	External		6
	Kitchen		2
1st Floor	Dining area		1
	Open Dining area		1
			<b>14</b>

**Annexure C4: Estimated CCTV Camera Location for Auditorium Block NIFT Kannur Campus**

Building/Floor details	Location details	Existing quantity	Additional requirement
Ground Floor	Entry Points		6
	Control room		1
	Hall		2
	External		8
1st Floor	Hall		2
	Roofed Terrace area		2
	Entry Points		4
			<b>25</b>

**Annexure C5: Estimated CCTV Camera Location for Girls Hostel – 1 at NIFT Kannur Campus**

Building/Floor details	Location details	Existing quantity	Additional requirement
Basement	Meeting Hall		2
	Dining area		4
	Entry Exit Points		2
Ground Floor	Entrance		3
	Reception		1
	Utility		1
	Reading Room		3
	External		8
	Terrace/Washing Machine areas		1
	Roof		2
			<b>27</b>

**Annexure C6: Estimated CCTV Camera Location for Boys Hostel -2 at NIFT Kannur Campus**

Building/Floor details	Location details	Existing quantity	Additional requirement
Ground Floor	Entrance		3
	Guest Room Corridor		2
	Dining Area		2
	External		6
1st Floor	Reading Room		1
	Utility Room		1
	Washing Machine Area		1
	Roof		2
			<b>18</b>

**Annexure C7: Estimated CCTV Camera Location for Open Areas NIFT Kannur Campus**

Building/Floor details	Location details	Existing quantity	Additional requirement
Common Areas	Entrance		4
	Gym		1
	Lawn		1

	Gazebo		1
	Volleyball Ground		1
	Football Ground area		1
	Parking		4
	Pump house		1
	Periphery		10
			<b>24</b>

**Annexure T1: Estimated telephone point at Academic Block NIFT Kannur Campus**

Building/Floor details	Location details	Existing quantity	Additional requirement	
Basement	Resource Centre		1	
Ground Floor	Reception		1	
	Security		1	
	Reception office		2	
	Seminar Hall - 1		1	
	Seminar hall -2		1	
	Students Centre / SDAC		2	
	Resource centre		2	
	Stationery shop		1	
	COE office		2	
	JD/AO/DD/Dir PS/JD PS		5	
	DIR		1	
	Admin office (AD, EST, Pur, Engg)		4	
	Accounts office		2	
	Board Room		1	
	1st Floor	VC room		1
		Server room		1
Mac Lab			1	
Computer Lab 1 (107)			1	
Computer Lab 2 (104)			1	
Computer lab 3 (Siema)			1	
GC Lab/PM			1	
KD room 1			1	
SDAC Room			1	
2nd Floor		Faculty room 201		10
	Design Studio		1	
	Faculty Room 202		10	
3rd Floor	Faculty Room 301		1	
	CAC Room 307		1	
	FP Room		1	
4th Floor	Faculty room 401		10	
	Faculty room 402		10	
5th Floor	Faculty room 501		10	
	Classroom		4	
6th Floor	Faculty room 601		10	
7th Floor	Room 701		1	
8th Floor	Studio		1	
	Classroom		1	
Gate	Security		2	
			<b>109</b>	

**Annexure T2: Estimated telephone point at Workshop Block NIFT Kannur Campus**

<b>Building/Floor details</b>	<b>Location details</b>	<b>Existing quantity</b>	<b>Additional requirement</b>
1 Floor	Dyeing Lab		1
	Weaving Lab		1
	Engg Room		1
	Material Lab		1
	Total		<b>4</b>

**Annexure T3: Estimated telephone point at Canteen Block NIFT Kannur Campus**

<b>Building/Floor details</b>	<b>Location details</b>	<b>Existing quantity</b>	<b>Additional requirement</b>
Ground Floor	Canteen		1
			<b>1</b>

**Annexure T4: Estimated telephone point at Auditorium Block NIFT Kannur Campus**

<b>Building/Floor details</b>	<b>Location details</b>	<b>Existing quantity</b>	<b>Additional requirement</b>
Ground Floor	Control		1
	Back stage		1
			<b>2</b>

**Annexure T5: Estimated telephone point at Girls Hostel – 1 at NIFT Kannur Campus**

<b>Building/Floor details</b>	<b>Location details</b>	<b>Existing quantity</b>	<b>Additional requirement</b>
Basement	Mess		1
Ground Floor	Reception		1
	Warden		1
			<b>3</b>

**Annexure T6: Estimated telephone point at Girls Hostel – 2 at NIFT Kannur Campus**

<b>Building/Floor details</b>	<b>Location details</b>	<b>Existing quantity</b>	<b>Additional requirement</b>
Ground Floor	Reception		1
	Warden		1
	Guest room		1
			<b>3</b>