# राष्ट्रीय फैशन टैकनोलजी संस्थान
# दिल्ली कैंपस
# National Institute of Fashion Technology
# New Delhi

## Tender Document for

निफ्ट दिल्ली परिसर में आरएफआईडी उपकरणों की आपूर्ति, स्थापना और कमीशनिंग

**Supply, Installation and Commissioning of new RFID equipment with buyback of existing RFID equipment at NIFT Delhi Campus**

**Note: This tender document contains 42 pages (total no. of pages including Annexures) and tenderers are requested to sign and stamp of organization on all the pages.**

**National Institute of Fashion Technology**
**(Delhi Centre)**
**NIFT Campus, Haus Khas,**
**Near Gulmohar Park, New Delhi – 110016**

# INDEX

# 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 the Act of Parliament in 2006 (NIFT Act 2006) for the promotion and development of education and research in field of Fashion Technology. NIFT provides fashion business education across the country through its network of 19 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 campuses located at Bengaluru, Bhopal, Bhubaneswar, Chennai, Gandhinagar, Hyderabad, Jodhpur, Kangra, Kannur, Kolkata, Mumbai, New Delhi, Patna, Panchkula, Raebareli, Shillong and Srinagar. NIFT Delhi Campus situated in the Hauz Khas near Gulmohar Park. The nearest Metro station is Green Park Metro Station. NIFT Delhi has produced a number of eminent alumni over the years like Rohit Bal, Ritu Beri, Manish Arora....

It offers a variety of Regular as well as CE programs. It has the olders and richest Resource Centre having a rich collections of print and non-print materials.

# NOTICE INVITING TENDER

National Institute of Fashion Technology (NIFT) invites bids for the Supply, installation and commissioning of new RFID equipment(as mentioned in tender document) with buyback of existing RFID equipment at NIFT Delhi campus.

General terms and conditions, Instructions to the bidders and conditions applicable are detailed in this document

**Submission of Bids:**

(a) The interested agencies should apply online and submit their tender and the bids along with scanned copies of all the relevant certificates, documents, etc. in support of their bids from upto .Tender document is also available for viewing on https://gem.gov.in/

(b) Applications to this tender will be accepted only through the online mode through the website https://gem.gov.in/

(c) In case of any clarification required relating the tender, the same may be sought from the following officers of the NIFT :

Officer Name : Vinod Kumar – Computer Engineer IT, NIFT Delhi Campus
NATIONAL INSTITUTE OF FASHION TECHNOLOGY New Delhi ,Hauz Khas , Near Gulmohar park , New Delhi -110016 Phone No.011-26542161
Email: computerengg.delhi@nift.ac.in

(d) The agency should ensure that it complies with the requirements as per works before applying for tender. All the documents mentioned in the annexure should be uploaded along with tender document

**(IC-IT)**

# NATIONAL INSTITUTE OF FASHION TECHNOLOGY

**DELHI CENTRE**

**Near Gulmohar Park, Hauz Khas New Delhi- 100016**

## Instruction to Tenderer with Terms and Conditions

**1.** National Institute of Fashion Technology (NIFT), is pleased to invite bids (in two bids system) against this tender enquiry from ISO certified organizations for '**Supply, installation and commissioning of RFID Equipment with buyback of existing RFID equipment at NIFT Delhi Campus"** as per Compliance and Commercial details and Annexure 'A' to 'L'.

**2.** The Bidders are expected to accept all technical / commercial terms & Conditions mentioned in the Bid documents. Any deviations in the terms & conditions shall be clearly mentioned in 'Technical & Commercial Compliance/Deviation Statement' as per the Annexure 'C'. NIFT, however, reserves the right to reject any or all the offers with deviations, (if any) which shall be clearly mentioned along with the justification for the same. The "Technical Bid" shall contain, company details, compliance statement of terms and conditions (in enclosed form **ONLY**)

After the evaluations of Technical Bids, based upon the information supplied by the bidder, the financial bids of the Bidders, who qualify Technical Bid shall only be opened.

**3.** The interested supplier should apply online and submit their tender and the bids along with scanned copies of all the relevant certificates, documents, etc. in support of their technical & price bids – all duly signed – on https://gem.gov.in/

**4.** The Firm should ensure that it complies with all the requirements before applying for tender.

**5.** The firms are advised to read carefully the entire tender document before submitting their tender and the tender documents not received online in prescribed format and/or are found incomplete in any respect will be summarily rejected.

**6.** It is the responsibility of Bidders to read all terms & conditions of this tender carefully before filling the tender. Incomplete tender documents or bids not responsive enough to the tender terms shall be rejected. NIFT reserves the right to split or reject/cancel any or all the tenders without assigning any reason thereof.

**7.** Any vagueness/incomplete details in the offer shall make it liable to be rejected as such shortcomings in the offer shall be interpreted as incompetence and disinterest on the part of the tenderer to meet tender requirements. In case the tenderer is not clear on any aspect of the tender specifications, their representative can meet the undersigned at NIFT, after appointment, between 10 am to 4 P.M. on any working day before the date of tender submission to get necessary clarification(s).

**8.** NIFT is NOT bound to accept the lowest tender. NIFT reserves the right to place order

for a part of the quantity offered. The unit rates plus applicable taxes offered by the Bidder shall be valid for any such part order.

**9.** The tenderer shall not transfer the tender to any other person in any manner. The Agency /tenderer shall not be permitted to subcontract the work to any other person /firm/agency.

**10.** The tender document consists of 42 pages.

**11.** Selection Criteria: Only the Technical Bids shall be opened on the date of tender opening. Price bids of only those bidders shall be considered for opening whose offer is complete and technically acceptable in all respects.

In case L-1 is more than one, then the Technical qualification of the Tenderer shall be the criteria and the decision of NIFT shall be final.

**12.** National Institute of Fashion Technology reserves the right to accept or reject any or all the offers either fully or partly without assigning any reasons for the same

**13.** Tender shall be accompanied by all the relevant documents covered in the tender.

**14.** The Payment will be made after receipt of goods in good condition, satisfactorily installation and submission of bills. No advance / part payment will be released by NIFT Delhi.

**15.** The supplier shall ensure that he himself or his authorized representative is available for proper handing over the supplies/consignments at NIFT New Delhi.

**16.** Delivery is required to be completed within 03 to 04 weeks from the date of issue of receipt of purchase order and in case of failure to do the same by any reason whatsoever it shall be the sole discretion of the NIFT to revoke the PO and to forfeit all the deposits made by the Tenderer in connection to this tender and to initiate appropriate legal actions against the Tenderer for the losses suffered by the NIFT as a consequence of the said failure.

**17.** Dispute, if any, arising out of the supply of Items shall be settled by mutual discussion between the parties. If any disputes, still persists, the same shall be referred to arbitration by a sole Arbitrator to be appointed by the DG, NIFT at New Delhi as per the provisions of the Indian Arbitration and Conciliation Act, 1996 and the Rules framed there under.

**18.** Jurisdiction: Notwithstanding any other court or courts having jurisdiction to decide the question (s) forming the subject matter of the reference if the same has been the subject matter or suit, any and all actions and proceeding arising out of or relating to the contract (including any arbitration in terms thereof) shall lie only in the court of competent civil jurisdiction at New Delhi and only said courts shall have jurisdiction to entertain and try such action (s) proceeding to the exclusion of all the other courts. All matters connected with this tender shall be governed by the Indian Law both substantive & procedural for the time being in force.

**19.** Bidders shall quote the rates for the items in the format given at **Annexure-E**, incomplete bids shall summarily be rejected, all corrections and alterations in the entries of tender papers shall be signed in full by the Bidder with date and No erasing or overwriting are permissible, otherwise the tender shall be treated as incomplete and the same shall be rejected summarily.

**20.** **Quality of goods:** The firm shall be entirely responsible for quality of supplied/ installed goods. The supplier shall replace the rejected/ damaged stores within 10 days, failing which legal action shall be taken as deemed fit by the Institute.

**21.** **Validity:** The quoted rates must be valid for a period for 180 days from the date of closing of the tender. The overall offer for the assignment and bidder(s) quoted price shall remain

unchanged during the period of validity. If the bidder quoted validity shorter than the required period, the same will be treated as unresponsive and it may be rejected.

**22. Bidder's Eligibility Criteria:**

A. The firm should be the OEM of the items mentioned in BOQ

OR

B. Bidder should submit the certificate from OEM mentioning that OEM will provide support for the technical issues & cover the warranty/Guarantee for the items supplied under the scope of present tender.

**23. Rate:** Rate should be quoted in Indian Rupees (INR) on door Delivery Basis at NIFT Delhi Campus, inclusive of all the Charges, with break-ups as:

- Basic Cost.
- VAT/CST/GST
- Total Cost

**24.** The Bidder should have local office in Delhi

**25.** The bidder should be a company registered in India for at least 5 years at the time of submission of the bid.

**26.** The bidder should be an original equipment manufacturer (OEM) or its Authorised System Integrator.

**27.** Bidder should have successfully completed similar services in last 05 years, for Government Departments or Public Undertakings under:

Minimum 05 CR order execution in last 03 years.
Similar services shall mean RFID system supply and configuration setup.

**28.** Bidder should have positive net worth in last 5 years.

**29.** The bidder should have made operating profits in last three financial years (i.e., 2021-22, 2022-23, 2023-24).

**30.** Bidder should have minimum turnover of 5Cr.

**31.** Bidder must have valid ISO Certificate on the date of submission of bid.. The certificates shall be verified by NIFT from the respective websites as above.

**32.** At the time of bidding, the Bidder should not have been blacklisted/debarred/ by any Govt. / IBA/RBI/PSU /PSE/ or Banks for any reason including non-implementation/delivery of the order. Self-declaration to that effect should be submitted along with the technical bid.

**33.** At the time of bidding, there should not have been any pending litigation or any legal dispute in the last five years, before any court of law between the Bidder or OEM and the Bank regarding supply of goods/services

**34.** The bidder should have a working help desk number/ single point of contact number for NIFT-Delhi that shall be solely responsible for providing services, support, warranties etc from 10:00 am to 10:00 pm Monday to Saturday, except National holidays.

**33. Warranty / Guarantee:**

a.) The on-site replacement warrant shall remain for a period of 36 months from the date of installation of acceptance of goods at site.

b.) During the warranty period, the supplier/OEM is required to visit NIFT Delhi's site on call commencing from the date of delivery of the goods for preventive maintenance of the goods.

c.) If the supplier, having been notified, fails to respond to take action to replace the defect(s) within 10days the Institute will proceed to take remedial action(s) as deemed fit.

**34. Selection Criteria:** The vendor, who quoted lowest (as per financial bid) shall be the selection criteria. If any vendor does not mention taxes/duties (if any as applicable), it shall be presumed that quoted price includes the taxes/duties. The liability regarding tax/duties shall be on the part of the vendor. The supply/installation/testing etc. of the machine should be free of cost at the NIFT Delhi Campus, Hauz-Khas, New Delhi.

**35. Performance Security:**

The successful bidder shall have to deposit a Performance Security Deposit (Refundable) of the 7% of the total amount of work order within two (2) weeks of the receipt of the LOI/Order. The performance security deposit will be furnished in the form of Demand Draft / Fixed Deposit / Bank Guarantee (BG Format enclosed as **Annexure - L**) / Online drawn in favor of "National Institute of Fashion Technology" and payable at New Delhi. The performance security deposit should be valid for sixty days beyond the date of completion of all contract obligations/warranty period. The Performance Security will be returned without any interest to the bidder after successful completion of entire contract period. The DD / FD / BG should be from Commercial Bank and the date of the same will be after the publication of this tender.

The bidder also submitted the Performance Security through online in NIFT's account as per bank details given below : -

| | | |
|---|---|---|
| Name of Beneficiary | : | National Institute of Fashion Technology |
| Bank | : | Union Bank of India, Yusuf Sarai Branch, New Delhi 110016 |
| Branch Address | : | 21/3-4. Arvind Marg, Yusuf Sarai, New Delhi-1100016 |
| IFSC/RTGS Code | : | UBIN0534064 |
| MICR | : | 110026012 |
| Saving Bank A/c no. | : | 340602050000029 |

**36**. **Penalty Clause** : If the complaint is not attended and rectified within 24 hours from the time of registering the complaint, the vendor shall provide stand-by item/part with the same or higher configuration, otherwise a penalty of 5% of the rate of the relevant item per day will be charged from the vendor. In such an event, vendor may get the faults rectified by third party and such cost of repairs shall have to be borne by the contractor, in addition to the penalty.

## Documents required:

| S. No. | Document to be submitted | Proof Required |
|---|---|---|
| 1 | The proof of Annual turnover for the last three years i.e.2021-2022, 2022-2023 and 2023-2024.<br>The proof of Annual Turnover i.e Audited Balance Sheet / CA Letter / Profit and Loss Statement etc. must be submitted with the technical bid. The proof of Annual Turnover must be duly authorized by CA. | To be submitted |
| 2 | The Bidder should have submitted the Supply Orders / Purchase Orders of similar category products supplied in any Government / Semi Government / Autonomous Organizations / Public Sector Utilities / Govt. Universities / Govt. Institutions during the last three financial years i.e.2021-2022, 2022-2023 and 2023-2024 with minimum value as below<br>• Minimum 05 CR order execution in last 03 years | To be submitted |
| 3 | Company / Firm Registration Certificate / GST certificate | To be submitted |
| 4 | Copy of the Company's PAN no. | To be submitted |
| 5 | Positive net worth for last three financial years i.e.2022-2023, 2023-2024 and 2024-2025 | To be submitted |
| 6 | Address proof of local office in Delhi | To be submitted |
| 7 | Details of help desk number/ single point of contact number that shall be solely responsible for providing services, support, warranties etc from 10:00 am to 10:00 pm Monday to Saturday, except National holidays. | To be submitted |
| 8 | Copy of the Certificate of Non-Debarment / Blacklist anywhere in Central Govt. / State Govt. / PSU / Institutions etc. | To be submitted |
| 9 | Undertaking Certificate regarding Litigation or Arbitration | To be submitted |
| 10 | Bid Security Declaration Certificate | To be submitted |
| 11 | Bid Acceptance Letter | To be submitted |
| 12 | ISO 9001:2015, ISO/IEC 20000-1:2018, ISO/IEC 27001:2013<br>MSME / NSIC Registration Certificate (If Any) | To be submitted |
| 13 | Startup Registration Certificate (If any) | To be submitted |
| 14 | Bidder should be ISO 9001:2015 certified | To be submitted |

Signature of Tenderer :----------

Name of the Authorized Signatory :----------

Name of the Company/Firm :----------

Seal of the Company/Firm :----------

**ANNEXURE 'A'**

**UNDERTAKING FROM THE BIDDER**

**Director,**
**National Institute of Fashion Technology,**
**NIFT Delhi Campus,**
**Near Gulmohar Park,**
**Hauz Khas,**
**New Delhi-110 016**

**Dear Sir/Madam,**

We hereby unconditionally accept all terms and conditions mentioned in 'Tender enquiry for Supply, Installation and commissioning of new RFID Equipment with buyback of existing RFID equipment at NIFT Delhi campus" apart from those mentioned in the Deviation Sheets enclosed.

**Regards,**

**(Authorized Signatory)**

**(Company Seal)**

**Date:**

**ANNEXURE-B**

# Bid Security Declaration Form

Date: _____ Tender No. _____

To (insert complete name and address of the purchaser)

I/We. The undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Security Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We

a) Have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or

b) Having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail or refuse to execute the contract, if required, or (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders. I/We understand this Bid Security Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Signed: (insert signature of person whose name and capacity are shown)

in the capacity of (insert legal capacity of person signing the Bid Security Declaration)

Name: (insert complete name of person signing he Bid Security Declaration)

Duly authorized to sign the bid for an on behalf of (insert complete name of Bidder)

Dated on _____ day of _____ (insert date of signing)

Corporate Seal (where appropriate)
(Note: In case of a Joint Venture, the Bid Security Declaration must be in the name of all partners to the Joint Venture that submits the bid)

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**ANNEXURE-C**

## Technical & Commercial Compliance/Deviation Statement

| Technical Specifications – cum - Compliance sheet of RFID System Integrated with existing Integrated Library Management System (ILMS) | | |
|---|---|---|
| **Sl. No.** | **Specifications** | **Compliance** |
| | **RFID TAGS** | |
| 1 | The RFID tags should be compliant with ISO Standards: ISO 15693, ISO 18000-3 mode 1 and ISO 28560 | |
| 2 | The RFID tags should operate at High Frequency (HF). The operating frequency for tags should be 13.56 MHz | |
| 3 | The dimension of the RFID tag should not more than 50 mm X 80 mm (l x w) with the self- adhesive backside and should be in a proper format to paste on Books and CDs/DVDs etc. | |
| 4 | The overall thickness of the RFID tag should be 0.4 mm or less. Antenna Type should be Aluminium | |
| 5 | The RFID tags should be capable to store 2.5 k bits of memory or more. (specify the memory capacity in remarks). The RFID tags should have an inbuilt antenna. | |
| 6 | The RFID tags should be water-resistant and flexible enough to be able to bend or crease. | |
| 7 | The RFID tags should have the capability to provide over 100,000 read/write operations. | |
| 8 | The RFID tags should have a lifetime warranty with data retention of 50 years or more. | |
| 9 | The operating temperature of the RFID tag should at least be in the range of -20 °C to 75°C. | |
| 10 | The RFID tags should have an NXP ICode SLIX2 processor. The thickness of the IC in the tags should not exceed 127 µm. | |
| 11 | The RFID tags should have undergone an accelerated aging test at 85°C and 85% humidity for 15 weeks, including performance testing. | |
| 12 | The proposed system tags must use neutral pH radiation cured UV acrylic adhesive. | |
| 13 | The RFID chip of the tag should have been designed specifically for library use, enabled with anti-theft security status that can be activated and deactivated, and must provide security and inventory control functionality. | |
| 14 | The RFID tags should be protected with tamper-proof labels pre-printed with the NIFT logo/special design/text. | |
| 15 | Samples - Tag samples are to be provided with the technical bid | |

| Workstation Fully shielded | | |
|---|---|---|
| 1 | The staff station should be compliant with ISO 15693, ISO 18000-3 Mode 1, ISO 28560, and international certifications such as CE/FCC/EMC. Working Frequency: 13.56 MHZ | |

| | | |
|---|---|---|
| 2 | The staff station should be flatbed type and aesthetically designed using Plexiglas with antenna and reader | |
| 3 | The staff station's dimension should not be more than 350 mm x 280 mm x 15 mm (w x d x h) and should not be more than 1.5 Kg or Equivalent. | |
| 4 | The staff station should support plug and play and connect to the library PC via USB. It should use a dedicated power adapter for stable and controlled power supply. | |
| 5 | The staff station interface should work with Library Management Software using SIP/NCIP V2.0 | |
| 6 | The staff station must use an anti-collision algorithm and have the multi-read function, i. e. several tags can be read at once. | |
| 7 | The staff station antenna should be fully shielded and should have a focused reading area. It should only read items that are placed on it and should not read items that are in the vicinity. | |
| 8 | The staff station should be able to read multiple books up to a minimum height of 25 cm or higher. | |
| 9 | The staff station should have an option to add the library circulation desk computer, barcode readers, and receipt printers. | |
| 10 | The staff station must be capable to change the cursor focus and must not require mouse intervention. In addition, it must be capable to switch between multiple functionalities by pressing a key from the keyboard or from the touch screen button. | |
| 11 | The staff station should not require any communication with the LMS, so that Library staff can carry out the conversion (tagging) process from any location in the library. | |
| 12 | The staff station should perform both circulation-related activities like the issue, return and renewal, etc., and tagging activities, taking less than or equal to five seconds per item to complete. | |
| 13 | The OEM/vendor should provide the OEM software for the staff station. | |
| 14 | The OEM software should be compatible with Microsoft Windows operating system. | |
| 15 | Tag programming software should support up to 30 international standard data models, and NIFT will be allowed to select the required data model. Bidder should provide the list of supported data models. | |
| 16 | The OEM software should enable library staff to activate/deactivate security without interaction with the LMS. | |
| 17 | The OEM software should allow tagging in sets/parts and support multiple read/write operations. | |
| 18 | The OEM software should maintain a log with the timestamp of all items that were programmed. | |
| 19 | The staff station should be capable to generate error notifications for partially scanned or incorrectly scanned barcodes. | |
| 20 | The staff station should generate notifications for the books marked for reservations (hold), not for issues, etc. | |
| 21 | The operating range of temperature should be around -10°C to 50 °C. | |
| 22 | The staff station hardware décor must be attractive and able to be integrated with library’s furniture. Indicators: Both LED and Buzzer | |
| 23 | The staff station will enable the security status of the tag to be changed with the LMS interaction based on NCIP/ SIP2 | |

| | | |
|---|---|---|
| 24 | Suitable software for integrating the RFID functions into the circulation workflow, and for tagging library, items will be provided with the equipment at no additional cost. Software should be compatible with Microsoft Windows 10, 11 64-bit OS. | |
| 25 | Design: Easy to use space-saving, ergonomic design and interface and should include feedback indicators. | |
| 26 | Software for Circulation of the items using SIP2/NCIP only without any Middleware. | |
| 27 | It should be capable of processing RFID tags and Patron RFID smart cards, along with an option for Book tagging and Book Circulation (issuing, renewing, and returning). It should include Patron RFID smart card activation and deactivation features. | |
| 28 | Capable to simultaneously processing multiple check-ins and check-outs. | |
| 29 | The software system provided should be able to provide the MIS for the Tagging of the items with the time stamp, Accession No & Tag Id. | |
| 30 | For circulation processes, the software should be able to provide an MIS for all the checked-out and checked-in items with patron details. | |
| 31 | Energy Profile: 200-240 VAC, 2.0/1.0 A, 50Hz Single phase | |
| 32 | Staff station should also support patron card reader for ISO 14443A cards with application for card programming and reprogramming. Standards & Protocols: ISO 14443 A/B with up to 848 kbps transmission rate (depending on card), ISO15693 with up to 26 kbps transmission rate (depending on card). | |
| 33 | The staff station should comply to CE/FCC/EMC/WPC-ETA certifications. | |

| HANDHELD STOCK MANAGEMENT SYSTEM (Mobile Inventory tablet) | | |
|---|---|---|
| 1 | The portable handheld reader and the required accessories, including the battery, must be a cordless and one-piece design. It should be held in one hand to conduct inventory checking from the shelf. | |
| 2 | The total weight of the portable handheld reader must be less than 1.5 Kg., including the battery, RFID reader, antenna and computing unit, and any other components that the user must carry. | |
| 3 | The portable handheld reader must use an anti-collision algorithm that does not limit the number of tags, which can be simultaneously identified and read. | |
| 4 | The proposed portable handheld reader must have an audible tone and visible indicators to verify the item has been identified. | |
| 5 | The handheld reader should have a minimum 4 GB RAM and 16 GM ROM of either Windows/Android OS. | |
| 6 | The portable handheld reader must incorporate an ergonomic design to aid users in reading shelves at all levels easy to use and be relatively non-stressful to the wrist, arm, shoulder, and elbow. | |
| 7 | The portable handheld reader battery life must allow the user to work for at least 08 hours at one charge. | |
| 8 | Reader should have the facility to transfer data using USB and Wi-Fi (Wi-Fi Security Protocol WPA/WPA2/WPA3 Enterprise PEAP-MSCHAPV2). | |

| | | |
|---|---|---|
| 9 | The device should work with real-time communication capability with ILS/LMS software. | |
| 10 | Should have all these compliances EN 300 330, FCC/WPC-ETA 47 CFR Part 15, RSS- 210, Issue 8, EMC EN 301 489, EN 60950-1, EN 50364, EN 300328 | |
| 11 | Spare re-chargeable battery and Battery charger should be provided. | |
| 12 | Should support ISO15693 and ISO18000-3M3. | |
| 13 | Indicators: LED Indicator / LCD Display for Power**,** Read & Error, and a configurable buzzer | |
| 14 | Other Technical Specifications requirements to be met:<br>➢ Operating Frequency: 13.56 MHz<br>➢ Output Voltage : 12 V DC<br>➢ Power Supply : 5V<br>➢ Operating Temperature: -10°C to +70°C<br>➢ Main Battery : Lithium Ion 3.7V, 4500 mAh (Rechargeable)<br>➢ Battery Operating time: More than 8 hours<br>➢ Battery Charging time : More than <2 hours<br>➢ Transmitting Power : 1W approximately<br>➢ Communication Interface: USB<br>➢ Read Range : Up to 20-30 cm or higher.<br>➢ Scan Rate of up to 20 items per second<br>➢ Supported Transponders: ICODE, ISO 15693, I-Code and ISO 18000–3 Mode - 1<br>➢ Software: Compatible software for laptops and PC It should have abilities to<br>a. Find misplaced books<br>b. Find duplicate<br>c. Identify issued books if there are any in the library<br>d. Complete stock check<br>e. Easy import and export facility of the generated list. | |

| **SECURITY GATE WITH BASE PLATE (RFID gate - Single aisle with base plate)** | | |
|---|---|---|
| 1 | The security gate should comply with international standards such as CE, CSA, EMC, UL, FCC, RCM, ETSI, IC, ADA, and DDA certifications. | |
| 2 | The security gate should be made of transparent Plexiglas, preferably clear flame-resistant acrylic that is at least 60% transparent. It shall be able to detect genuine RFID tags of ISO 15693 and ISO 18000-3-A and other standards available in the market. | |
| 3 | Dimensions: 73 mm × 680 mm × 1,780 mm (W×D×H) or similar. | |
| 4 | The total width between the pedestal should be at least 1.8 m, and each pedestal should not weight more than 30 Kg. | |
| 5 | Include two theft detection pedestals, each with 2 antennas for large detection area which are independent of each other and also have an overlapping protection zone providing adding additional security, it should read tags in all three dimensions. | |

| | | |
|---|---|---|
| 6 | The base of the gate should be made of ABS and should have an Ingress protection rating of IP41. | |
| 7 | The gate should be mounted using a metallic base plate, and the weight must be at least 25 Kg to give stability and should have concealed cable passage. | |
| 8 | It should have an Ethernet port and I/O port for CCTV integration. The Ethernet ports that are provided need to specify the port's speed, i.e., 10/100/1000 Mbps. | |
| 9 | The gate should be able to read up to 8 or more tags per second in all three orientations. | |
| 10 | The gate should be able to detect the RFID tag on which the security is set. | |
| 11 | The security gate should support multiple RFID data encoding models simultaneously. | |
| 12 | The gate shall trigger visual and audible alarms when specific AFI or EAS values are detected, and a visual alarm can be configured to flash corridor-specific or all antennas simultaneously. It must illuminate the full acrylic section of the pedestal. | |
| 13 | The audible alert has a variable alarm pattern and adjustable volume with illuminating different coloured or patterned lights. | |
| 14 | The gate should be capable to generate footfalls (both, in and out) statistics of the library. The gate should have a visible LED display to monitor footfalls. | |
| 15 | The security gate should have a minimum detection height of 1900 mm. | |
| 16 | The security gate should support for ISO 15693, ISO 18000-3-A (NXP, SLI, SLIx, SLIx2) tag types. | |
| 17 | Tags with theft or security bits that are 'on' must immediately trigger an alarm. | |
| 18 | The proposed system must provide item security even when the Library Management System or network is offline or not functioning. Non-deactivated RFID tags should be instantaneously detected regardless of orientation. | |
| 19 | The gate should have the functionality to save energy. In the energy save mode, the gate should activate the RFID detection only when people are approaching. | |
| 20 | The operating range of temperature should be around -10°C to 50 °C (if yes, specify the operating temperature range in remarks) | |
| 21 | The security gate should have an operating frequency of 13.56 MHz | |
| 22 | The gate should have provision to connect with CCTV equipment and with automatic doors for higher security. | |
| 23 | The gate should have optimal detection performance at a pedestal distance of at least 180 cm | |
| 24 | The gate should have multi-colour, customer selectable LED lights with variable alarm patterns. | |
| 25 | The visual alarm setting of the security gate should be configurable. Suppose there is more than one entry/exit point or more than one aisle in a single entry/exit point. In that case, the library should have the option of selecting whether all pedestals will sound the visual (light) alarm or only the two pedestals through which the theft detection has occurred. | |

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| 26 | The OEM/vendor should provide OEM software for the security gates. | |
| 27 | The security gate should be modular in nature. The library should be able to place orders for additional pedestals or gates as and when required. | |
| 28 | The security gate should be integrated with the LMS via the SIP2 protocol. No middleware application is allowed. | |
| 29 | Once integrated with the LMS via SIP2, the security gate should have the functionality to display the ID and the title of item(s) generating the alarm, the exact time and date of the incident, and the pedestal ID. | |
| 30 | Different clusters of gates can be logically connected to the same computer. Clusters of gates can be given customized names for ease of identification. | |
| 31 | The security gate should be able to detect RFID-enabled print materials, CD/DVDs etc. | |

| **Dual/Single Side PVC Card Printer (Smart Card Printer (includes hardware, software and a ribbon)** | | |
|---|---|---|
| 1 | The printer shall use dye-sublimation thermal transfer technology for producing high-quality ID and library cards. | |
| 2 | The printer shall be capable of single-sided or dual-sided printing in both full-color and monochrome modes | |
| 3 | The printer shall provide a minimum print resolution of 300 dpi or higher for clear text, images, and barcodes. | |
| 4 | The printer shall support standard PVC, PVC composite, and PET cards in ISO CR-80 size (85.6 × 54 mm). | |
| 5 | The printer shall support card thicknesses ranging from 10 mil (0.25 mm) to 40 mil (1.02 mm). | |
| 6 | The printer shall have an input hopper capacity of 100 cards (30 mil thickness). | |
| 7 | The printer shall have an output hopper capacity of 100 cards (30 mil thickness). | |
| 8 | The printer shall support USB 2.0 (or higher) and Ethernet connectivity, with optional Wi-Fi if required | |
| 9 | The printer shall include a full-color LCD display with icon-based menus and status indicators for easy operation | |
| 10 | The printer shall be compatible with Windows, macOS, and Linux systems, with appropriate printer drivers | |
| 11 | The printer shall support optional encoding modules, including magnetic stripe, contact smart card, and contactless smart card technologies such as MIFARE, DESFire, HID, or equivalent | |
| 12 | The printer shall operate on a 100–240V AC, 50/60Hz auto-switching power supply. | |
| 13 | The printer shall have approximate dimensions of 258 mm (H) × 157 mm (W) × 383 mm (D) and weight approximately 4.5 kg | |
| 14 | The printer shall be CE, FCC, and RoHS compliant and meet all relevant international safety standards | |

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| 15 | The printer shall be capable of producing durable, high-quality ID cards with sharp images, consistent color density, and long-term usability | |
| 16 | The printer shall support variable data printing, including text, graphics, photos, and barcodes | |
| 17 | The printer shall include automatic ribbon detection and calibration to ensure optimized print quality | |
| 18 | The printer shall feature an easy front-loading system for quick replacement of ribbons and cards. | |
| 19 | The printer shall be compatible with standard library management systems for issuing ID or membership cards. | |
| 20 | The supplier shall provide a minimum three-year warranty, covering manufacturing defects, technical support, and onsite service | |

| **MIFARE Classic 1K cards (1K Mifare Card)** | | |
|---|---|---|
| 1 | The cards shall operate on MIFARE Classic 1K technology, compliant with ISO/IEC 14443 Type A at 13.56 MHz. | |
| 2 | The cards shall contain 1 KB (1024 bytes) of EEPROM memory, organized into 16 sectors with 4 blocks per sector and 16 bytes per block. | |
| 3 | The cards shall have a factory-programmed unique UID, typically 4 bytes, which shall be read-only. | |
| 4 | The cards shall support sector-level security using MIFARE CRYPTO1 authentication with configurable Key A and Key B for each sector. | |
| 5 | The cards shall support a minimum of 100,000 read/write cycles and have a minimum data retention period of 10 years. | |
| 6 | The cards shall offer a typical read range of a few centimetres, depending on the reader and antenna used. | |
| 7 | The cards shall be of ISO CR-80 size (85.6 mm × 54 mm) with a standard thickness of 0.76 mm; other thicknesses may be provided upon request. | |
| 8 | The cards shall be manufactured using durable PVC or PVC composite material with a printable white surface compatible with dye-sublimation printing; PET or PET-G cards may be provided if required. | |
| 9 | The cards shall operate within a temperature range of –25°C to +70°C and be suitable for daily handling without deformation, bending issues, or excessive wear. | |
| 10 | The cards shall support optional features on request, including pre-personalisation, sector key programming, UID mapping, user data encoding, visual printing, signature panel, magnetic stripe, barcodes, hole punching, slotting, or embossing. | |
| 11 | The cards shall be fully compatible with the purchaser's existing LMS and circulation systems, and shall work with any reader supporting ISO 14443A / MIFARE Classic. | |

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| 12 | The cards shall be supplied either blank or pre-encoded, based on the purchaser's data file and encoding requirements. | |
| 13 | The supplier shall provide a test sample and a UID mapping file for all batches of pre-encoded cards. | |
| 14 | The card surface shall allow dye-sublimation printing for cardholder information, photographs, and institutional branding. | |
| 15 | The cards shall comply with CE and RoHS requirements, along with any other regional certifications mandated by the purchaser. | |
| 16 | The cards shall conform to all applicable ISO/IEC standards for contactless smart cards. | |
| 17 | The cards shall be supplied in protective packaging, typically in boxes of 100, 250, or 500 cards as specified by the purchaser. | |
| 18 | Each box shall be clearly labelled with card type, quantity, production batch number, and UID range (for pre-encoded cards) | |
| 19 | The supplier shall provide a minimum 1-year warranty covering manufacturing defects. | |
| 20 | The supplier shall provide technical support during the warranty period, specifically for card encoding and integration issues | |

| **Digital entry reader (RFID Digital Entry Reader)** | | |
|---|---|---|
| 1 | The system shall authenticate patrons using ID barcode scanning, smart card scanning, and optionally facial recognition. | |
| 2 | The system shall fetch patron details automatically from the existing Library Management System (LMS) through API or SIP2 without requiring manual data entry. | |
| 3 | The system shall record and store entry and exit timestamps for every authenticated user. | |
| 4 | The system shall allow patrons to select the purpose of their visit such as study, reference, or reading room to support detailed usage analysis. | |
| 5 | The system shall include a visitor and guest registration module enabling manual entry of non-member details for tracking and reporting. | |
| 6 | The system shall integrate with any standard LMS using API/SIP2 for real-time synchronization of patron information and activity logs. | |
| 7 | The system shall generate multiple types of reports, including date-wise, time-wise, department-wise, student-wise, and statistical footfall analyses. | |
| 8 | The system shall allow exporting all reports in commonly used formats such as PDF and Excel. | |
| 9 | The system shall provide an admin panel for posting notices, managing system settings, user permissions, and monitoring operations. | |
| 10 | The system shall display a real-time dashboard showing live patron activity and usage patterns. | |
| 11 | The system shall include a touchscreen interactive display with a minimum size of 22 inches, Full HD (1080 × 1920) resolution, and 16.7 million color support. | |
| 12 | The system shall support continuous operation (24×7) without performance degradation. | |

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| 13 | The system shall be equipped with a quad-core 64-bit processor with a minimum 1.5 GHz clock speed and at least 4 GB or 8 GB LPDDR4 RAM. | |
| 14 | The system shall support multiple connectivity options, including dual-band Wi-Fi (2.4/5 GHz – IEEE 802.11 b/g/n/ac), Bluetooth 5.0/BLE, Gigabit Ethernet, USB 2.0, and HDMI input. | |
| 15 | The system shall operate on a stable Linux-based OS, such as Ubuntu/Unix/Windows OS or equivalent. | |
| 16 | The system shall be powered through a 5V DC USB-C supply with a minimum 3A rating, and total consumption shall not exceed 230W. | |
| 17 | The system shall function within an operating temperature range of 0°C to 85°C. | |
| 18 | The system shall include essential hardware, such as a barcode scanner and built-in speaker where required. | |
| 19 | The system shall be housed in a robust enclosure manufactured using laser-cut or equivalent precision fabrication to ensure durability. | |
| 20 | The system shall provide a web-based admin and reporting interface accessible from any modern browser. | |
| 21 | The system shall enable real-time synchronization of all patron logs and activity data with the server. | |
| 22 | The system shall ensure automated data handling, eliminating the need for manual inputs. | |
| 23 | The system shall offer a user-friendly interface with clear visual elements suitable for quick scanning and interaction. | |
| 24 | The system shall store patron logs securely and ensure encrypted transmission of all sensitive data. | |
| 25 | The system shall support role-based access control to restrict administrative privileges appropriately. | |
| 26 | The system shall avoid retaining sensitive personal data beyond operational requirements unless approved by the institution. | |
| 27 | The system shall support both floor-standing kiosk and wall-mounted installation options, depending on site requirements. | |
| 28 | The system shall require stable power and LAN/Wi-Fi connectivity at the installation site. | |
| 29 | The system shall be supplied with all necessary hardware, integrated software, and LMS connectivity configuration. | |
| 30 | The system shall include complete documentation, including User Manual, Admin Manual, and Installation Guide. | |
| 31 | The system shall be provided with warranty and support for a period of 1 to 3 years | |

| **Control System Software (Control system Software subscription)** | | |
|---|---|---|
| 1 | The OEM should provide an administration software to remotely monitor, report and configure the RFID devices such as security gate and self-service kiosk. | |
| 2 | All network communication should be secured through https connections (SSL security certificate). | |
| 3 | The system should allow for individual configurable access rights. | |

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| 4 | Login should take place with ID and Password. Certified library staff should be able to manage different security groups and given specific access rights. | |
| 5 | There should be no limitation on the number of library staff that can get access rights. One should have the possibility to dedicate certain library staff or certain types of equipment to certain staff. | |
| 6 | The control system should be able to receive event and error messages from devices, For e.g., book is detected at the gate. | |
| 7 | The control system should enable the library staff to look at the current status of devices and their main components and make diagnostics. | |
| 8 | The control system should provide statistics of utilization, i.e., transactions per time unit, whereby the time intervals can be set. The statistics can be exported into various standard formats, i.e., PDF, Word, Excel, HTML, Text, and XML files. | |
| 9 | The control system should enable the certified library staff to change the configuration of devices. | |
| 10 | There should be a provision in the RFID hardware components to cache the data before being uploaded to the control system. | |
| 11 | The control system should send an email or SMS alerts to the library staff users if any device fails; also, the library staff user can define the email or SMS alerts time interval. | |
| 12 | The control system should give the feature of combining statistical information from many devices to provide a holistic view of patron interactions with devices within the library. | |
| 13 | The control system should give the options to the library staff of whether or not to upgrade RFID device software. | |

| **ONSITE TRAINING & WORK** | | |
|---|---|---|
| 1 | The vendor should provide onsite training of all the equipment associated with the RFID system. | |
| 2 | The vendor should provide the complete manual/guide for operating RFID equipment. | |
| 3 | The vendor should be able to do the pasting of RFID tags and cover them with pre-printed tamperproof adhesive labels and programming of RFID tags. | |
| 4 | The vendor should submit an inventory report to the library after RFID implementation. | |

| **WARRANTY** | | |
|---|---|---|
| 1 | The vendor must give 3 years comprehensive onsite warranty as required from the date of successful installation of item/equipment against any manufacturing defects. In the installation report, the model number of equipment and all spare parts/accessories numbers should be in line with the purchase order. And suppliers must be written in the warranty declaration that 'everything to be supplied by us hereunder shall be free from all defects and faults in material, workmanship and shall be of the highest quality and material of the type ordered, shall be in full conformity with the specification and shall be complete enough to carry out the work'. If any item covered under warranty fails, the same | |

| | | |
|---|---|---|
| | shall be replaced free of cost, including all the applicable charges (shipping cost both ways). | |
| 2 | Three years warranty will start from the date of installation and satisfactory commissioning and acceptance. | |

| **SERVICE LEVEL AGREEMENT (SLA) REQUIREMENT** | | |
|---|---|---|
| 1 | Although 24x7 support is preferred, the minimum SLA requirements are given below. | |
| 2 | Priority 1, Call: System is completely down and service is severely impacted, that is the system<br>is unusable. (covered on Saturday & Sunday & Holidays as well) | |
| 3 | Priority 2, Call: System is degraded with no impact on business. | |
| 4 | The bidder can provide their own SLA matrix in a similar format in case of any deviations from the above requirements. It is to be noted that the better SLA proposals from the bidder will not be counted as the deviation from the criteria given. | |

| **Institutional Labels (Institutional Stickers)** | | | |
|---|---|---|---|
| 1 | Dimensions | Minimum half an inch larger than the tag on all the sides | |
| | Thickness | 350um Max | |
| | Paper | UDV Paper | |
| | Printing | Colour Printed 4 + 0 | |
| | Finishing | Die Cutting in roll form and not in sheets | |
| | Logo | Colour Printed University Logo /Campus Specified | |
| | Adhesive | Strong, Non-Removing Adhesive | |
| | Other features | Optical Watermark with Library Branding | |
| | Samples | Samples are to be provided with technical bid | |

**ANNEXURE-D**

**National Institute of Fashion Technology**
**(Delhi Centre)**
**NIFT Campus, Hauz-Khas,**
**Near Gulmohar Park, New Delhi – 110016**

**Technical bid**

**1. Name of the Supplier :**

**2. Name of the authorized person :**

**(Who signs on the tender document) :**

**3. Address of the Supplier :**

**4. Mobile No. :**

**5. Email :**

**Document to be submitted:**

| S.N. | PARTICULARS | Attached at pg. no. | Remark |
|---|---|---|---|
| 1 | Bid Security Declaration form | | To be attached |
| 2 | Tender documents along with Compliance to the Technical Specifications filled and duly signed without mentioning the rates. | | To be filled and signed |
| 3 | Delivery Period (within 03 to 04 weeks) | | Agreed/not agreed |
| 4 | VAT/Sales Tax registration certificate/GST | | Copy of certificate to be enclosed page No…… |
| 5 | PAN number | | -do- |
| 6 | Copy of work Order for supply, installation of RFID Equipment setup in three organizations **(**Govt. depts../ Educational institutes/Pvt. Companies and Autonomous bodies) in last 5 years. | | |
| 7.1 | The firm should be the OEM of the items mentioned in BOQ | | To be attached |
| **OR** | | | |
| 7.2 | Bidder should submit the certificate from OEM mentioning that OEM will provide support for the technical issues & cover the warranty/Guarantee for the items supplied under the scope of present tender. | | To be attached |
| 8 | Income Tax Return for the last three years ie AY – 2022-23, 2023-24 and 2024-25 | | To be attached |
| 9 | Whether the vendor has been ever debarred by any of the Govt. org./PSU/Edl institute etc. | | Yes/No<br>Self attested certificate to be attached in company letterhead |
| 10. | A client list with client's Name, Address and phone number for the RFID setup installation & supplied by them during the last 3 years | | Yes/No |
| 11 | Any other document requires as per Tender Document | | To be attached |

**Annexure- E**

**National Institute of Fashion Technology**
**(Delhi Centre)**
**NIFT Campus, Hauz-Khas,**
**Near Gulmohar Park, New Delhi – 110016**

## Financial Bid

| S. No | Item Description | Qty. | Unit Price | Total Price |
|---|---|---|---|---|
| 1 | Supply , Installation and commissioning of new RFID Equipment as per specification at Annexure – F | **As specified in BOQ** | **Not to be submitted here** | |
| 2 | Any other Charges | | | |
| 3 | Taxes, if any | | | |
| 4 | **Total** | | | |
| 5 | Buy Back Value | | | |
| | **Total** | | | |

**** Note: - Quantity may vary a little on the basis of availability of budgetary provisions.**

**Grand Total (In words):-**
a.) I/We have gone through the term & conditions as stipulated in the tender and confirm to accept and abide the same.
b.) Quantity mentioned above is tentative, it may increase or decrease as per site requirement.
c.) The delivery of the items will have to be made at NIFT, Delhi campus No transportation/ carriage charges will be provided for the same.
d.) The rate quoted should be firm and final and written in ink or typed against each item and should in no case be overwritten.

e.) Bid(s) will be evaluated on basis on the Grand Total of the item (including taxes, other charges etc.)

**(Signature of the Bidder)**
**Along with Stamp of Firm/Company**

**Date:**
**Place:**

**ANNEXURE-F**

**National Institute of Fashion Technology**
**(Delhi Centre)**
**NIFT Campus, Hauz-Khas,**
**Near Gulmohar Park, New Delhi – 110016**

## Technical Specifications

| **Technical Specifications – cum - Compliance sheet of RFID System Integrated with existing Integrated Library Management System (ILMS)** | | |
|---|---|---|
| **Sl. No.** | **Specifications** | **Compliance** |
| | **RFID TAGS** | |
| 1 | The RFID tags should be compliant with ISO Standards: ISO 15693, ISO 18000-3 mode 1 and ISO 28560 | |
| 2 | The RFID tags should operate at High Frequency (HF). The operating frequency for tags should be 13.56 MHz | |
| 3 | The dimension of the RFID tag should not more than 50 mm X 80 mm (l x w) with the self- adhesive backside and should be in a proper format to paste on Books and CDs/DVDs etc. | |
| 4 | The overall thickness of the RFID tag should be 0.4 mm or less. Antenna Type should be Aluminium | |
| 5 | The RFID tags should be capable to store 2.5 k bits of memory or more. (specify the memory capacity in remarks). The RFID tags should have an inbuilt antenna. | |
| 6 | The RFID tags should be water-resistant and flexible enough to be able to bend or crease. | |
| 7 | The RFID tags should have the capability to provide over 100,000 read/write operations. | |
| 8 | The RFID tags should have a lifetime warranty with data retention of 50 years or more. | |
| 9 | The operating temperature of the RFID tag should at least be in the range of -20 °C to 75°C. | |
| 10 | The RFID tags should have an NXP ICode SLIX2 processor. The thickness of the IC in the tags should not exceed 127 µm. | |
| 11 | The RFID tags should have undergone an accelerated aging test at 85°C and 85% humidity for 15 weeks, including performance testing. | |
| 12 | The proposed system tags must use neutral pH radiation cured UV acrylic adhesive. | |
| 13 | The RFID chip of the tag should have been designed specifically for library use, enabled with anti-theft security status that can be activated and deactivated, and must provide security and inventory control functionality. | |
| 14 | The RFID tags should be protected with tamper-proof labels pre-printed with the NIFT logo/special design/text. | |
| 15 | Samples - Tag samples are to be provided with the technical bid | |

| | | |
|---|---|---|
| **Workstation Fully shielded** | | |
| 1 | The staff station should be compliant with ISO 15693, ISO 18000-3 Mode 1, ISO 28560, and international certifications such as CE/FCC/EMC. Working Frequency: 13.56 MHZ | |
| 2 | The staff station should be flatbed type and aesthetically designed using Plexiglas with antenna and reader | |
| 3 | The staff station's dimension should not be more than 350 mm x 280 mm x 15 mm (w x d x h) and should not be more than 1.5 Kg or Equivalent. | |
| 4 | The staff station should support plug and play and connect to the library PC via USB. It should use a dedicated power adapter for stable and controlled power supply. | |
| 5 | The staff station interface should work with Library Management Software using SIP/NCIP V2.0 | |
| 6 | The staff station must use an anti-collision algorithm and have the multi-read function, i. e. several tags can be read at once. | |
| 7 | The staff station antenna should be fully shielded and should have a focused reading area. It should only read items that are placed on it and should not read items that are in the vicinity. | |
| 8 | The staff station should be able to read multiple books up to a minimum height of 25 cm or higher. | |
| 9 | The staff station should have an option to add the library circulation desk computer, barcode readers, and receipt printers. | |
| 10 | The staff station must be capable to change the cursor focus and must not require mouse intervention. In addition, it must be capable to switch between multiple functionalities by pressing a key from the keyboard or from the touch screen button. | |
| 11 | The staff station should not require any communication with the LMS, so that Library staff can carry out the conversion (tagging) process from any location in the library. | |
| 12 | The staff station should perform both circulation-related activities like the issue, return and renewal, etc., and tagging activities, taking less than or equal to five seconds per item to complete. | |
| 13 | The OEM/vendor should provide the OEM software for the staff station. | |
| 14 | The OEM software should be compatible with Microsoft Windows operating system. | |
| 15 | Tag programming software should support up to 30 international standard data models, and NIFT will be allowed to select the required data model. Bidder should provide the list of supported data models. | |
| 16 | The OEM software should enable library staff to activate/deactivate security without interaction with the LMS. | |
| 17 | The OEM software should allow tagging in sets/parts and support multiple read/write operations. | |
| 18 | The OEM software should maintain a log with the timestamp of all items that were programmed. | |
| 19 | The staff station should be capable to generate error notifications for partially scanned or incorrectly scanned barcodes. | |
| 20 | The staff station should generate notifications for the books marked for reservations (hold), not for issues, etc. | |
| 21 | The operating range of temperature should be around -10°C to 50 °C. | |

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| 22 | The staff station hardware décor must be attractive and able to be integrated with library's furniture. Indicators: Both LED and Buzzer | |
| 23 | The staff station will enable the security status of the tag to be changed with the LMS interaction based on NCIP/ SIP2 | |
| 24 | Suitable software for integrating the RFID functions into the circulation workflow, and for tagging library, items will be provided with the equipment at no additional cost. Software should be compatible with Microsoft Windows 10, 11 64-bit OS. | |
| 25 | Design: Easy to use space-saving, ergonomic design and interface and should include feedback indicators. | |
| 26 | Software for Circulation of the items using SIP2/NCIP only without any Middleware. | |
| 27 | It should be capable of processing RFID tags and Patron RFID smart cards, along with an option for Book tagging and Book Circulation (issuing, renewing, and returning). It should include Patron RFID smart card activation and deactivation features. | |
| 28 | Capable to simultaneously processing multiple check-ins and check-outs. | |
| 29 | The software system provided should be able to provide the MIS for the Tagging of the items with the time stamp, Accession No & Tag Id. | |
| 30 | For circulation processes, the software should be able to provide an MIS for all the checked-out and checked-in items with patron details. | |
| 31 | Energy Profile: 200-240 VAC, 2.0/1.0 A, 50Hz Single phase | |
| 32 | Staff station should also support patron card reader for ISO 14443A cards with application for card programming and reprogramming. Standards & Protocols: ISO 14443 A/B with up to 848 kbps transmission rate (depending on card), ISO15693 with up to 26 kbps transmission rate (depending on card). | |
| 33 | The staff station should comply to CE/FCC/EMC/WPC-ETA certifications. | |

| HANDHELD STOCK MANAGEMENT SYSTEM (Mobile Inventory tablet) | | |
|---|---|---|
| 1 | The portable handheld reader and the required accessories, including the battery, must be a cordless and one-piece design. It should be held in one hand to conduct inventory checking from the shelf. | |
| 2 | The total weight of the portable handheld reader must be less than 1.5 Kg., including the battery, RFID reader, antenna and computing unit, and any other components that the user must carry. | |
| 3 | The portable handheld reader must use an anti-collision algorithm that does not limit the number of tags, which can be simultaneously identified and read. | |
| 4 | The proposed portable handheld reader must have an audible tone and visible indicators to verify the item has been identified. | |
| 5 | The handheld reader should have a minimum 4 GB RAM and 16 GM ROM of either Windows/Android OS. | |
| 6 | The portable handheld reader must incorporate an ergonomic design to aid users in reading shelves at all levels easy to use and be relatively non-stressful to the wrist, arm, shoulder, and elbow. | |
| 7 | The portable handheld reader battery life must allow the user to work for at least 08 hours at one charge. | |

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| 8 | Reader should have the facility to transfer data using USB and Wi-Fi (Wi-Fi Security Protocol WPA/WPA2/WPA3 Enterprise PEAP-MSCHAPV2). | |
| 9 | The device should work with real-time communication capability with ILS/LMS software. | |
| 10 | Should have all these compliances EN 300 330, FCC/WPC-ETA 47 CFR Part 15, RSS- 210, Issue 8, EMC EN 301 489, EN 60950-1, EN 50364, EN 300328 | |
| 11 | Spare re-chargeable battery and Battery charger should be provided. | |
| 12 | Should support ISO15693 and ISO18000-3M3. | |
| 13 | Indicators: LED Indicator / LCD Display for Power**,** Read & Error, and a configurable buzzer | |
| 14 | Other Technical Specifications requirements to be met:<br>➢ Operating Frequency: 13.56 MHz<br>➢ Output Voltage : 12 V DC<br>➢ Power Supply : 5V<br>➢ Operating Temperature: -10°C to +70°C<br>➢ Main Battery : Lithium Ion 3.7V, 4500 mAh (Rechargeable)<br>➢ Battery Operating time: More than 8 hours<br>➢ Battery Charging time : More than <2 hours<br>➢ Transmitting Power : 1W approximately<br>➢ Communication Interface: USB<br>➢ Read Range : Up to 20-30 cm or higher.<br>➢ Scan Rate of up to 20 items per second<br>➢ Supported Transponders: ICODE, ISO 15693, I-Code and ISO 18000–3 Mode - 1<br>➢ Software: Compatible software for laptops and PC It should have abilities to<br>a. Find misplaced books<br>b. Find duplicate<br>c. Identify issued books if there are any in the library<br>d. Complete stock check<br>e. Easy import and export facility of the generated list. | |

| **SECURITY GATE WITH BASE PLATE (RFID gate - Single aisle with base plate)** | | |
|---|---|---|
| 1 | The security gate should comply with international standards such as CE, CSA, EMC, UL, FCC, RCM, ETSI, IC, ADA, and DDA certifications. | |
| 2 | The security gate should be made of transparent Plexiglas, preferably clear flame-resistant acrylic that is at least 60% transparent. It shall be able to detect genuine RFID tags of ISO 15693 and ISO 18000-3-A and other standards available in the market. | |
| 3 | Dimensions: 73 mm × 680 mm × 1,780 mm (W×D×H) or similar. | |
| 4 | The total width between the pedestal should be at least 1.8 m, and each pedestal should not weight more than 30 Kg. | |

| | | |
|---|---|---|
| 5 | Include two theft detection pedestals, each with 2 antennas for large detection area which are independent of each other and also have an overlapping protection zone providing adding additional security, it should read tags in all three dimensions. | |
| 6 | The base of the gate should be made of ABS and should have an Ingress protection rating of IP41. | |
| 7 | The gate should be mounted using a metallic base plate, and the weight must be at least 25 Kg to give stability and should have concealed cable passage. | |
| 8 | It should have an Ethernet port and I/O port for CCTV integration. The Ethernet ports that are provided need to specify the port's speed, i.e., 10/100/1000 Mbps. | |
| 9 | The gate should be able to read up to 8 or more tags per second in all three orientations. | |
| 10 | The gate should be able to detect the RFID tag on which the security is set. | |
| 11 | The security gate should support multiple RFID data encoding models simultaneously. | |
| 12 | The gate shall trigger visual and audible alarms when specific AFI or EAS values are detected, and a visual alarm can be configured to flash corridor-specific or all antennas simultaneously. It must illuminate the full acrylic section of the pedestal. | |
| 13 | The audible alert has a variable alarm pattern and adjustable volume with illuminating different coloured or patterned lights. | |
| 14 | The gate should be capable to generate footfalls (both, in and out) statistics of the library. The gate should have a visible LED display to monitor footfalls. | |
| 15 | The security gate should have a minimum detection height of 1900 mm. | |
| 16 | The security gate should support for ISO 15693, ISO 18000-3-A (NXP, SLI, SLIx, SLIx2) tag types. | |
| 17 | Tags with theft or security bits that are 'on' must immediately trigger an alarm. | |
| 18 | The proposed system must provide item security even when the Library Management System or network is offline or not functioning. Non-deactivated RFID tags should be instantaneously detected regardless of orientation. | |
| 19 | The gate should have the functionality to save energy. In the energy save mode, the gate should activate the RFID detection only when people are approaching. | |
| 20 | The operating range of temperature should be around -10°C to 50 °C (if yes, specify the operating temperature range in remarks) | |
| 21 | The security gate should have an operating frequency of 13.56 MHz | |
| 22 | The gate should have provision to connect with CCTV equipment and with automatic doors for higher security. | |
| 23 | The gate should have optimal detection performance at a pedestal distance of at least 180 cm | |
| 24 | The gate should have multi-colour, customer selectable LED lights with variable alarm patterns. | |
| 25 | The visual alarm setting of the security gate should be configurable. Suppose there is more than one entry/exit point or more than one aisle | |

| | | |
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| | in a single entry/exit point. In that case, the library should have the option of selecting whether all pedestals will sound the visual (light) alarm or only the two pedestals through which the theft detection has occurred. | |
| 26 | The OEM/vendor should provide OEM software for the security gates. | |
| 27 | The security gate should be modular in nature. The library should be able to place orders for additional pedestals or gates as and when required. | |
| 28 | The security gate should be integrated with the LMS via the SIP2 protocol. No middleware application is allowed. | |
| 29 | Once integrated with the LMS via SIP2, the security gate should have the functionality to display the ID and the title of item(s) generating the alarm, the exact time and date of the incident, and the pedestal ID. | |
| 30 | Different clusters of gates can be logically connected to the same computer. Clusters of gates can be given customized names for ease of identification. | |
| 31 | The security gate should be able to detect RFID-enabled print materials, CD/DVDs etc. | |

| **Dual/Single Side PVC Card Printer (Smart Card Printer (includes hardware, software and a ribbon)** | | |
|---|---|---|
| 1 | The printer shall use dye-sublimation thermal transfer technology for producing high-quality ID and library cards. | |
| 2 | The printer shall be capable of single-sided or dual-sided printing in both full-color and monochrome modes | |
| 3 | The printer shall provide a minimum print resolution of 300 dpi or higher for clear text, images, and barcodes. | |
| 4 | The printer shall support standard PVC, PVC composite, and PET cards in ISO CR-80 size (85.6 × 54 mm). | |
| 5 | The printer shall support card thicknesses ranging from 10 mil (0.25 mm) to 40 mil (1.02 mm). | |
| 6 | The printer shall have an input hopper capacity of 100 cards (30 mil thickness). | |
| 7 | The printer shall have an output hopper capacity of 100 cards (30 mil thickness). | |
| 8 | The printer shall support USB 2.0 (or higher) and Ethernet connectivity, with optional Wi-Fi if required | |
| 9 | The printer shall include a full-color LCD display with icon-based menus and status indicators for easy operation | |
| 10 | The printer shall be compatible with Windows, macOS, and Linux systems, with appropriate printer drivers | |
| 11 | The printer shall support optional encoding modules, including magnetic stripe, contact smart card, and contactless smart card technologies such as MIFARE, DESFire, HID, or equivalent | |
| 12 | The printer shall operate on a 100–240V AC, 50/60Hz auto-switching power supply. | |

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| 13 | The printer shall have approximate dimensions of 258 mm (H) × 157 mm (W) × 383 mm (D) and weight approximately 4.5 kg | |
| 14 | The printer shall be CE, FCC, and RoHS compliant and meet all relevant international safety standards | |
| 15 | The printer shall be capable of producing durable, high-quality ID cards with sharp images, consistent color density, and long-term usability | |
| 16 | The printer shall support variable data printing, including text, graphics, photos, and barcodes | |
| 17 | The printer shall include automatic ribbon detection and calibration to ensure optimized print quality | |
| 18 | The printer shall feature an easy front-loading system for quick replacement of ribbons and cards. | |
| 19 | The printer shall be compatible with standard library management systems for issuing ID or membership cards. | |
| 20 | The supplier shall provide a minimum three-year warranty, covering manufacturing defects, technical support, and onsite service | |

| **MIFARE Classic 1K cards (1K Mifare Card)** | | |
|---|---|---|
| 1 | The cards shall operate on MIFARE Classic 1K technology, compliant with ISO/IEC 14443 Type A at 13.56 MHz. | |
| 2 | The cards shall contain 1 KB (1024 bytes) of EEPROM memory, organized into 16 sectors with 4 blocks per sector and 16 bytes per block. | |
| 3 | The cards shall have a factory-programmed unique UID, typically 4 bytes, which shall be read-only. | |
| 4 | The cards shall support sector-level security using MIFARE CRYPTO1 authentication with configurable Key A and Key B for each sector. | |
| 5 | The cards shall support a minimum of 100,000 read/write cycles and have a minimum data retention period of 10 years. | |
| 6 | The cards shall offer a typical read range of a few centimetres, depending on the reader and antenna used. | |
| 7 | The cards shall be of ISO CR-80 size (85.6 mm × 54 mm) with a standard thickness of 0.76 mm; other thicknesses may be provided upon request. | |
| 8 | The cards shall be manufactured using durable PVC or PVC composite material with a printable white surface compatible with dye-sublimation printing; PET or PET-G cards may be provided if required. | |
| 9 | The cards shall operate within a temperature range of –25°C to +70°C and be suitable for daily handling without deformation, bending issues, or excessive wear. | |
| 10 | The cards shall support optional features on request, including pre-personalisation, sector key programming, UID mapping, user data encoding, visual printing, signature panel, magnetic stripe, barcodes, hole punching, slotting, or embossing. | |

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| 11 | The cards shall be fully compatible with the purchaser's existing LMS and circulation systems, and shall work with any reader supporting ISO 14443A / MIFARE Classic. | |
| 12 | The cards shall be supplied either blank or pre-encoded, based on the purchaser's data file and encoding requirements. | |
| 13 | The supplier shall provide a test sample and a UID mapping file for all batches of pre-encoded cards. | |
| 14 | The card surface shall allow dye-sublimation printing for cardholder information, photographs, and institutional branding. | |
| 15 | The cards shall comply with CE and RoHS requirements, along with any other regional certifications mandated by the purchaser. | |
| 16 | The cards shall conform to all applicable ISO/IEC standards for contactless smart cards. | |
| 17 | The cards shall be supplied in protective packaging, typically in boxes of 100, 250, or 500 cards as specified by the purchaser. | |
| 18 | Each box shall be clearly labelled with card type, quantity, production batch number, and UID range (for pre-encoded cards) | |
| 19 | The supplier shall provide a minimum 1-year warranty covering manufacturing defects. | |
| 20 | The supplier shall provide technical support during the warranty period, specifically for card encoding and integration issues | |

| **Digital entry reader (RFID Digital Entry Reader)** | | |
|---|---|---|
| 1 | The system shall authenticate patrons using ID barcode scanning, smart card scanning, and optionally facial recognition. | |
| 2 | The system shall fetch patron details automatically from the existing Library Management System (LMS) through API or SIP2 without requiring manual data entry. | |
| 3 | The system shall record and store entry and exit timestamps for every authenticated user. | |
| 4 | The system shall allow patrons to select the purpose of their visit such as study, reference, or reading room to support detailed usage analysis. | |
| 5 | The system shall include a visitor and guest registration module enabling manual entry of non-member details for tracking and reporting. | |
| 6 | The system shall integrate with any standard LMS using API/SIP2 for real-time synchronization of patron information and activity logs. | |
| 7 | The system shall generate multiple types of reports, including date-wise, time-wise, department-wise, student-wise, and statistical footfall analyses. | |
| 8 | The system shall allow exporting all reports in commonly used formats such as PDF and Excel. | |
| 9 | The system shall provide an admin panel for posting notices, managing system settings, user permissions, and monitoring operations. | |
| 10 | The system shall display a real-time dashboard showing live patron activity and usage patterns. | |
| 11 | The system shall include a touchscreen interactive display with a minimum size of 22 inches, Full HD (1080 × 1920) resolution, and 16.7 million color support. | |

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| 12 | The system shall support continuous operation (24×7) without performance degradation. | |
| 13 | The system shall be equipped with a quad-core 64-bit processor with a minimum 1.5 GHz clock speed and at least 4 GB or 8 GB LPDDR4 RAM. | |
| 14 | The system shall support multiple connectivity options, including dual-band Wi-Fi (2.4/5 GHz – IEEE 802.11 b/g/n/ac), Bluetooth 5.0/BLE, Gigabit Ethernet, USB 2.0, and HDMI input. | |
| 15 | The system shall operate on a stable Linux-based OS, such as Ubuntu/Unix/Windows OS or equivalent. | |
| 16 | The system shall be powered through a 5V DC USB-C supply with a minimum 3A rating, and total consumption shall not exceed 230W. | |
| 17 | The system shall function within an operating temperature range of 0°C to 85°C. | |
| 18 | The system shall include essential hardware, such as a barcode scanner and built-in speaker where required. | |
| 19 | The system shall be housed in a robust enclosure manufactured using laser-cut or equivalent precision fabrication to ensure durability. | |
| 20 | The system shall provide a web-based admin and reporting interface accessible from any modern browser. | |
| 21 | The system shall enable real-time synchronization of all patron logs and activity data with the server. | |
| 22 | The system shall ensure automated data handling, eliminating the need for manual inputs. | |
| 23 | The system shall offer a user-friendly interface with clear visual elements suitable for quick scanning and interaction. | |
| 24 | The system shall store patron logs securely and ensure encrypted transmission of all sensitive data. | |
| 25 | The system shall support role-based access control to restrict administrative privileges appropriately. | |
| 26 | The system shall avoid retaining sensitive personal data beyond operational requirements unless approved by the institution. | |
| 27 | The system shall support both floor-standing kiosk and wall-mounted installation options, depending on site requirements. | |
| 28 | The system shall require stable power and LAN/Wi-Fi connectivity at the installation site. | |
| 29 | The system shall be supplied with all necessary hardware, integrated software, and LMS connectivity configuration. | |
| 30 | The system shall include complete documentation, including User Manual, Admin Manual, and Installation Guide. | |
| 31 | The system shall be provided with warranty and support for a period of 1 to 3 years | |

| **Control System Software (Control system Software subscription)** | | |
|---|---|---|
| 1 | The OEM should provide an administration software to remotely monitor, report and configure the RFID devices such as security gate and self-service kiosk. | |
| 2 | All network communication should be secured through https connections (SSL security certificate). | |
| 3 | The system should allow for individual configurable access rights. | |

| | | |
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| 4 | Login should take place with ID and Password. Certified library staff should be able to manage different security groups and given specific access rights. | |
| 5 | There should be no limitation on the number of library staff that can get access rights. One should have the possibility to dedicate certain library staff or certain types of equipment to certain staff. | |
| 6 | The control system should be able to receive event and error messages from devices, For e.g., book is detected at the gate. | |
| 7 | The control system should enable the library staff to look at the current status of devices and their main components and make diagnostics. | |
| 8 | The control system should provide statistics of utilization, i.e., transactions per time unit, whereby the time intervals can be set. The statistics can be exported into various standard formats, i.e., PDF, Word, Excel, HTML, Text, and XML files. | |
| 9 | The control system should enable the certified library staff to change the configuration of devices. | |
| 10 | There should be a provision in the RFID hardware components to cache the data before being uploaded to the control system. | |
| 11 | The control system should send an email or SMS alerts to the library staff users if any device fails; also, the library staff user can define the email or SMS alerts time interval. | |
| 12 | The control system should give the feature of combining statistical information from many devices to provide a holistic view of patron interactions with devices within the library. | |
| 13 | The control system should give the options to the library staff of whether or not to upgrade RFID device software. | |

| **ONSITE TRAINING & WORK** | | |
|---|---|---|
| 1 | The vendor should provide onsite training of all the equipment associated with the RFID system. | |
| 2 | The vendor should provide the complete manual/guide for operating RFID equipment. | |
| 3 | The vendor should be able to do the pasting of RFID tags and cover them with pre-printed tamperproof adhesive labels and programming of RFID tags. | |
| 4 | The vendor should submit an inventory report to the library after RFID implementation. | |

| **WARRANTY** | | |
|---|---|---|
| 1 | The vendor must give 3 years comprehensive onsite warranty as required from the date of successful installation of item/equipment against any manufacturing defects. In the installation report, the model number of equipment and all spare parts/accessories numbers should be in line with the purchase order. And suppliers must be written in the warranty declaration that 'everything to be supplied by us hereunder shall be free from all defects and faults in material, workmanship and shall be of the highest quality and material of the type ordered, shall be in full conformity with the specification and shall be complete enough to carry out the work'. If any item covered under warranty fails, the same | |

| | | |
|---|---|---|
| | shall be replaced free of cost, including all the applicable charges (shipping cost both ways). | |
| 2 | Three years warranty will start from the date of installation and satisfactory commissioning and acceptance. | |

| **SERVICE LEVEL AGREEMENT (SLA) REQUIREMENT** | | |
|---|---|---|
| 1 | Although 24x7 support is preferred, the minimum SLA requirements are given below. | |
| 2 | Priority 1, Call: System is completely down and service is severely impacted, that is the system<br>is unusable. (covered on Saturday & Sunday & Holidays as well) | |
| 3 | Priority 2, Call: System is degraded with no impact on business. | |
| 4 | The bidder can provide their own SLA matrix in a similar format in case of any deviations from the above requirements. It is to be noted that the better SLA proposals from the bidder will not be counted as the deviation from the criteria given. | |

| **Institutional Labels (Institutional Stickers)** | | | | |
|---|---|---|---|---|
| 1 | | Dimensions | Minimum half an inch larger than the tag on all the sides | |
| | | Thickness | 350um Max | |
| | | Paper | UDV Paper | |
| | | Printing | Colour Printed 4 + 0 | |
| | | Finishing | Die Cutting in roll form and not in sheets | |
| | | Logo | Colour Printed University Logo /Campus Specified | |
| | | Adhesive | Strong, Non-Removing Adhesive | |
| | | Other features | Optical Watermark with Library Branding | |
| | | Samples | Samples are to be provided with technical bid | |

**ANNEXURE-G**

# BOQ

| NIFT Delhi- BOQ for RFID System | | |
|---|---|---|
| | | |
| **S.no** | **Description** | **Qty** |
| 1 | RFID tag Rectangle – available in roll of 1500 tags - 14 rolls contains 21000 Tags | 14 |
| 2 | Work Station fully Shielded | 2 |
| 3 | RFID gate - Single aisle with base plate (SECURITY GATE WITH BASE PLATE) | 1 |
| 4 | Mobile Inventory tablet (HANDHELD STOCK MANAGEMENT SYSTEM ) | 1 |
| 5 | RFID Digital Entry Reader (Digital entry reader) | 1 |
| 6 | 1K Mifare Card (MIFARE Classic 1K cards) | 3000 |
| 7 | Smart Card Printer (includes hardware, software and a ribbon) (Dual/Single Side PVC Card Printer) | 1 |
| 8 | Control system Software subscription for 3 Years - per device fee - Required for Gate (Control System Software) | 2 |
| | | |
| | | |
| **S.no** | **Product Description** | **Qty** |
| 1 | Institutional Stickers (Institutional Labels) | 21000 |
| 2 | Tagging, pasting, programming of RFID tags and Institutional Stickers on Books | 1000 |

**Annexure-H**

## BuyBack Items List

| National Institute of Fashion Technology | | | | |
|---|---|---|---|---|
| **Resource Centre, New Delhi** | | | | |
| **List of Buy Back Items** | | | | |
| **S. No.** | **Item Name** | **Model No** | **Serial Number** | **Quantity** |
| 1 | 3M Detection Gate (Security Gate) | 3501 BC | 78-8121-0855-9 | 1 (one) - Pair of Two Pedestal |
| 2 | 3M Work Station | 942 Book Check | 9402395 | 1 (one) |
| 3 | TLP Zebra Printer, Zebra Link | TLP 2844-Z | 45A055000105 | 1 (one) |

**Annexure - I**

# Bid Acceptance Letter

(This format must be submitted on company's Letter Head and duly signed by authorized signatory)
Date : _____

To,
National Institute of Fashion Technology,
HauzKhas, New Delhi – 110016

**Subject : Acceptance of terms and condition of tender.**

Name of Bid : _____

Dear Sir,
I/We have downloaded / obtained the bid document (s) with bid No. _____ _____ .

I/We hereby certify that I/we have read the entire terms and conditions of the tender documents form page no. _____ to _____ (including all documents and annexure) which form part of the contract / agreement and I/we shall abide hereby by the terms and conditions / clauses contained therein.
The corrigendum(s) issued from time to time by your department / institute too has also been taken into consideration, while submitting this acceptance letter.

I/We hereby unconditionally accept the tender conditions of above mentioned tender documents(s) / corrigendum(s) in its totality / entirely.
In case any provisions of this tender are found violated, then your department / institute shall with our prejudice to any other right or remedy be at liberty to reject this tender / bid .

Yours faithfully

(signature& designation of the Bidder /
authorised signatory with official seal)

Name : _____
Designation : _____
Office Seal :_____
Place : _____

**ANNEXURE-J**

# UNDERTAKING REGARDING LITIGATION / ARBITRATION

(This format must be submitted on company's Letter Head and duly signed by authorized signatory)

To,
National Institute of Fashion Technology,
HauzKhas, New Delhi – 110016

Dear Sir,

We hereby confirm and declare that we, M/s_____, does not have any litigation / Arbitration History with any Central / State Government department/ Public Sector Undertaking/ University / Institution / Private Sector/ or any other agency for which we have Executed/ Undertaken the works/ Services during the last 5 years.

For_____

Authorized Signatory

Date:

Place :

**ANNEXURE-K**

# UNDERTAKING REGARDING BLACKLISTING / NON – DEBARMENT

(This format must be submitted on company's Letter Head and duly signed by authorized signatory)

To,
National Institute of Fashion Technology,
HauzKhas, New Delhi – 110016

Dear Sir,

We hereby confirm and declare that we, M/s _____ , is not blacklisted/ De-registered/ debarred by any Central / State Government department/ Public Sector Undertaking/ University / Institution / Private Sector/ or any other agency for which we have Executed/ Undertaken the works/ Services during the last 5 years.

For_____

Authorized Signatory

Date:

Place :

**ANNEXURE-L**

# PERFORMANCE BANK GUARANTEE FORMAT

1. In consideration of National Institute of Fashion Technology, having its Head Office at NIFT Campus, Near Gulmohar Park, Hauz Khas, New Delhi – 110016 (hereinafter referred to as NIFT which expression shall unless repugnant to the context or meaning thereof include its successors, administrators and assigns) having awarded to----------with its Registered / Head Office at ---------- ----------(hereinafter referred to as the 'Contractor' which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns), a contract by issue of NIFT's Letter of Intent No.---------- dated----------and the same having been unequivocally accepted by the contractor resulting in a 'Contract' bearing No.---------- ----------dated---------valid at Rs.----------(Rupees---------- ------only) for ---------- ----------and the Contractor having agreed to provide a Contract Performance Guarantee for the faithful performance of the entire Contract equivalent to Rs.----------(Rupees---------- value of the contract to NIFT, we ----------having its Head Office at present shall unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns), do hereby guarantee and undertake to pay NIFT, on demand any and all money payable by the Contractor to the extent of Rs.----------(Rupees----------only) as aforesaid at any time upto without any demand reservation contest, recourse for protest Bank shall be conclusive and binding notwithstanding any difference between NIFT and Contractor or any dispute pending before any Court, Tribunal or any other authority.

2. We, the ----------Bank undertake not to revoke with guarantee during its currency without previous consent of NIFT and further agree that the guarantee herein contained shall continue to be enforceable till NIFT discharges this guarantee or ----------which is earlier.

3. NIFT shall have the fullest liberty without affecting in any way the liability of the Bank under this guarantee from time to time to extend the time for performance of the contract by the Contractor. NIFT shall have the fullest liberty, without affecting this guarantee, to postpone from time to time the exercise of any powers vested in them or of any right which they might have against the Contractor, and to exercise the same at any time in any manner and either to enforce or two forbear to enforce any covenants, contained or implied, in the Contract between NIFT and the Contractor or any other course or remedy or security available to NIFT. The Bank shall not be released of its obligations under this guarantee by any exercise by NIFT of its liberty with reference to the matter aforesaid or any of them or by reason of any other acts of omission or commission on the part of NIFT or any other indulgence shown by NIFT or by any other matters or thing whatsoever which under law would, but for this provision have the effect of relieving the Bank.

4. The Bank also agrees that NIFT and its option shall be entitled to enforce this guarantee against the Bank as a principal debtor, in the first instance without processing against the Contractor and notwithstanding any security or other guarantee that NIFT may have in relation to the Contractor's liabilities.

5. This guarantee shall not be affected by any changes in the constitution of Contractor nor shall it be affected by any charges in the constitution of NIFT or by any amalgamation or absorption thereof or therewith but will ensure for and be available to and enforceable by absorbing or amalgamated company or concern.

6. Notwithstanding anything contained hereinabove, our liability under this guarantee is restricted to Rs.---------- (Rupees----------only) subject to the clause as stated immediately hereafter. This guarantee shall remain in force till.....

7. This guarantee shall continue and hold good until it is released by NIFT on the application of the Contractor after expiry of the relative guarantee period of the said Contract and after the contractor has discharged all their obligations under the said Contract and produced a certificate from NIFT's representative certifying the due completion of the work under the said contract and submitted 'Nodemand Certificate' provided always that unless extended this guarantee shall remain in force till----- ----------. Should it be necessary to extend this guarantee beyond the said date on account of extension being granted by NIFT to the Contractor in respect of completion of works under the said contract or otherwise, we undertake to extend forthwith the period of the guarantee on NIFT's request till such time as may be required by NIFT.

8. We----------Bank shall be discharged of our liability under the guarantee unless a claim is made by NIFT within 3(three) months from the date of expiry of this Bank Guarantee.

For <BANK's name>
Authorized signatory
Name:
Designation:

<Bidder's Name & Stamp>
Authorized signatory
Name:
Designation: