

# CHAS COLLEGE, CHAS

(A Constituent unit of Binod Bihari Mahato Koyalanchal University, Dhanbad)

Dist: Bokaro, Jharkhand

Website: [www.chascollege.org](http://www.chascollege.org)

NIT No.- **CC/G/17/2020**

Date: **27.01.2020**

## **TENDER SCHEDULE**

Date of commencement of sale of tender document: **28/01/2020**

Last date for sale of Tender Document: **03/02/2020**

Cost of Tender document: **Rs.5,000/-**

Mode of Payment: By Cash.

Last date & time for receipt of bids: **03/02/2020** up to 2 PM.

Date & time of opening the technical bid: **03/02/2020** at 3 PM.

Date & time of opening the price bid of qualified tenderers: **05/02/2020** at 3 PM.

Place of opening the tenders: Office of the Principal, Chas College, Chas , Bokaro

Superscription on the cover submitting the Tender:

**"TENDER FOR SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF UHF RADIO FREQUENCY IDENTIFICATION SYSTEM & DIGITAL LIBRARY FOR COLLEGE LIBRARY"**

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TENDER (TWO BID SYSTEM)  
FOR  
SUPPLY, INSTALLATION,  
TESTING & COMMISSIONING OF

**DIGITAL LIBRARY & RFID SYETEM  
FOR  
CHAS COLLEGE LIBRARY**

GENERAL TECHNICAL SPECIFICATIONS OF  
**RADIO FREQUENCY IDENTIFICATION SYSTEM (RFID) FOR COLLEGE LIBRARY**

**General Requirements**

1. The bidder must be an Original Equipment Manufacturer (OEM) of RFID hardware components or an authorized distributor of OEM of RFID hardware components or a System Integrator having experience in RFID solutions. Bidder shall submit certificate of Authorization from the Principal Manufacturing Company and self-declaration in case OEM is bidding for the tender.
2. The proposed system and all of its components must be entirely compatible with, and in no manner interfere with, the integrated library system, its computer clients, or other components.
3. The proposed system must provide application-specific software to incorporate all hardware (detection systems, staff station readers, patron self-check stations, and inventory and book return system), the circulation RFID tags and any other RFID-related hardware into the system.
4. The proposed system must not interfere with other equipment, automated library system clients or PCs that may be nearby.
5. The proposed system must be able to connect through the Library's Ethernet network via an RJ-45 connector and/or secured wireless network.
6. The bidder shall agree to demonstrate the full operation of the proposed RFID system in Library by integrating the middleware with LMS with sufficient number of books and users to ensure that the proposed system meets the requirement.
7. Vendor should consider Classification and cataloguing of Books at the time of implementation.
8. Earnest Money Deposit of Rs.25000/-will be charged. The EMD in the form of Bank Guarantee(BG)/ Bank draft/ pay order should be drawn in favour of Principal, Chas College, Chas. Bank Draft/Pay Order should have been enclosed in a separate cover along with the Technical Bid. The firms who are registered with small industries corporation (NSIC)/ or Small Scale Industry (SSI)/ or MSME are exempted to submit the EMD.(Copy of registration must be provided along with)

## TECHNICAL SPECIFICATION REQUIREMENT OF RFID EQUIPMENTS AND OTHERS

| Sr. No.   | Product   | Product Description  |
|-----------|---|--|
| <b>1.</b> | UHF RFID PVC Card with Personalization and Printing of RFID cards | Personalization and Printing of RFID cards<br>Dimensions: 85.6×54×0.8mm /3.4×2.1×0.03in. Substrate: PVC,<br>Functionality: R/W, Memory: 96-bit EPC 64-bit UID 224-bit User Area,<br>Frequency: UHF (860~960MHz), Protocol: ISO 18000-6C, Read<br>distance: up to 5m/16.4ft (read dependent) Anti-collision:<br>Simultaneous identification of multiple tags  |
| <b>2.</b> | UHF Touch Kiosk   | Item Technical Instructions<br>Access mode LAN or wireless access<br>Cabinet Cold Rolled Close Annealed Steel, Ergonomically sleek and<br>smart design, Structure finish with powder Coating Computer<br>Intel Dual-core CPU 1.6GHz or higher, 2G RAM, 320G<br>Hard Disk, RS-232, USB, Ethernet interface,<br>Supporting TCP/IP protocol, sound Card etc. Screen : 18"LCD screen,<br>32bits color, resolution 1280*1024 High Lum, Lum_300cd/m <sup>2</sup> , 180°<br>deflection angle contrast:500:1<br>Dimension : 1600mm×590mm×730mm Approximate<br>Touch Panel 18" touch screen, high transmittance, high resolution &<br>durability. Operation sensitivity 80g, respond speed10.4ms Resolution<br>:4096*4096, Printing width 80mm thermal printer with cutting paper<br>function RFID Reader Frequency 860MHz-868MHz(CE) Protocol<br>ISO18000-220,000.000 1.000 Weight 55Kg Approximate<br>Working Environment: Working Temp: 0 °C ~+55 °C; Relative<br>humidity (RH): 10%~95%, Specified power supply: AC 110 ~ 240 V;<br>50HZ-60HZ; Consumption: 200W Vertical installation; full metal<br>housing with Color coating, other color available. Access mode LAN or<br>wireless access Printing width 80mm thermal printer with cutting<br>paper function Frequency 860MHz-868MHz(CE) RFID Reader : Protocol<br>ISO18000-6B, EPC G2 Interface : TCP/IP, RS232, RS485, TCP/IP<br>GPIO : 2 Relay output, 2 TTL outputs, 2 TTL inputs Reading Range 5 –<br>8M-CP |
| <b>3.</b> | UHF Handheld Device   | UHF handheld reader<br>Frequency 860MHz-868MHz(CE)<br>Protocol ISO18000-6B EPC G2<br>Reading Range 4M-CP, Connectivity: Wi Fi (802.11 b/g), USB, cradle,<br>trigger & Snap-On, CPU, RAM, ROM, Expansion, O/S : Windows,<br>Cortex-A8 800MHz, 256MB, 4GB Supports up to 32GB Micro SD card<br>IP65, Drop: Multiple 1.5m drops to concrete across the Main battery:<br>Li-ion, 3200mAh Pistol battery: Li-ion, 5200mAh<br>per-loaded Book software with essential features   |
| <b>4.</b> | Anti-theft Gate reader  | Frequency 860MHz-868MHz(CE)<br>Protocol ISO18000-6B EPC G2<br>Reading Range 3M<br>Power Consumed DC+9V/12V<br>Interface: TCP/IP/RS232  |

|           |                          |   |
|-----------|--------------------------|---|
|           |                          | <p>Sound Alarm &amp; LED glowing for theft indication<br/> Architecture ARM9 677MHz processor, 512 Mbytes DDR3 RAM, 2 Gbytes Flash,<br/> Supported RFID Tag Protocols EPC Gen 2; ISO 18000-6c<br/> Reader Protocols Alien Reader Protocol, LLRP<br/> LAN Protocols TCP/IP, NTP, DNS, DHCP, SNMP<br/> Dense reader management Dense Reader Mode, auto event triggering and event management<br/> Power over Ethernet or robust universal AC-DC power converter; 100-240 VAC, 50/60Hz, Reader Power (with PoE) ≥31.5 dBm (lower as required by law in specific regions – see tables below)<br/> Communications LAN TCPI/IP (RJ-45), RS-232 (DB-9 F), USB Host, USB Console, Antennas 4 reverse polarity TNC monostatic ports; circular or linear polarization; near and far field compatible<br/> General Purpose I/O Optically isolated. 0-24VDC rail. 4 inputs. 8 outputs (1500mA capacity).<br/> Dimensions (L) 20.2 cm x (W) 19.1 cm x (D) 2.8 cm (7.5" x 7.9" x 1.1")<br/> Weight 0.85 kg (1.88 lb)<br/> Operational Temperature -20°C to +50°C (-4°F to +122°F)<br/> Environmental Ratings IP53 and Plunum rated UL-2043<br/> LED Indicators Power, CPU, Read, Sniff, Ant 0-3<br/> Software SDK Java, .NET, Ruby APIs<br/> Special sensors, RoHS EU 2002/95/EC GPIO: Optically isolated. 0-24VDC rail. 4 inputs. 8 outputs (500mA capacity) to integrate camera or access control devices for future application<br/> On reader application to interact with Server using SIP2 protocol without installing any reader application in server<br/> Reader log to be saved in Server for future reference.</p> |
| <b>5.</b> | UHF RFID Tag             | <p>Substrate PET Device type Class 1 Generation 2 passive UHF RFID transponder Weight 1g / pc Air interface protocol EPC Global Class1 Gen2 ISO 18000-6C Delivery format 10000 pcs on reel Operational frequency Global 860-960MHz, Pitch on reel 15.875 mm / 0.63" IC type Higgs 3 (In addition to the special requirements) Reel core inner diameter 76 mm / 3" Memory configuration EPC 96bits; Unique TID 64bits; User Memory 512bits Tag dimensions 98 x 12 mm / 3.86"x0.47" Read range (2W ERP) Up to 6 m / 19.69 ft Operating temperature -20°C~80°C / -4°F~176°F Ambient temperature -20°C~80°C / -4°F~176°F Storage condition 2 year at +20°C / 50% RH Expected lifetime 2 years in normal operating conditions</p>  |
| <b>6.</b> | UHF Desktop Reader       | <p>UHF middle-distance integrated reader<br/> Processor :ARM CORTEX M3 100M<br/> Memory: RAM 16Kbits + FRAM 32Kbits.<br/> Frequency 860MHz-868MHz(CE)<br/> Protocol ISO18000-6B, EPC G2<br/> Interface : RS232, RS485, TCP/IP<br/> GPIO : 1 Relay output, 2 TTL outputs, 2 TTL inputs, Reading Range 5 – 8 cm-CP Power Consumed DC+9V/12V, with software</p>  |
| <b>7.</b> | Integrated Library Mgmt. | <p>Integrated Library Management Software</p>   |

|     | Software                  |   |
|-----|---------------------------|---|
| 8.  | RFID Middleware           | RFID Middle Ware Supply of RFID server & client software layer for seamless integration with library management software at all RFID components   |
| 9.  | Installation and Training | <p>Installation, Testing, Commissioning, Training of all hardware and software</p> <p>a) All Products should be tested before supply and their entire working should be tested and shown post installation</p> <p>b) Comprehensive in house operational training for all equipment and front end interface.</p> <p>c) Training for Handling of RFID tagging on documents.</p> <p>d) Troubleshooting training.</p> <p>e) Complete write-up/Manual/Guide for operation and handling of all RFID equipment.</p> <p>f) Training to be given to all library staff and library users</p>  |
| 10. | Data Entry Job            | <p>Books Data Entry and RFID Tagging of Individual book</p> <p>Job involves the following steps</p> <p>A. Coordinating with library for tagging the books, journals, loose issues/magazines, CDs, DVDs, etc.</p> <p>B. Removing the documents from shelves.</p> <p>C. Verification of following Bibliographic data from ILMS database and physical documents</p> <p>(i) Accession Number</p> <p>(ii) Class Number</p> <p>(iii) Location</p> <p>Tagging of UHF RFID Tags with the following parameters using ILMS database.</p> <p>(i) Primary data as accession number mentioned on the book or barcode labels on the documents.</p> <p>(ii) Associated data to be fetched using ILMS like Class No. Location, Library code, data of entry etc.</p> <p>(iii) Using of self-adhesive RFID tag &amp; anti-theft stickers at the designated place of in the documents.</p> <p>Classification of Data stored in the RFID tags provision to mark records as "RFID Tagged" in ILMS and generation of reports if local need.</p> |
| 11. | Classification of Books   | Classification of library books as per library classification rules and generate of Spine label   |
| 13. | Server                    | <p>High performance Server integrated LMS for library</p> <p><b>Specification:</b> Intel Xeon/AMD Quad Core 5606, 2.13 GHz / 8GB DDR3 RAM/ 1TB HDD/DVD-ROM/ 1Yrs warranty, With Monitor, keyboard and Mouse</p>   |
| 14. | Desktop System            | <p>Desktop System</p> <p>Corei5, 1TB GB HDD, 4GB RAM, 19" Monitor with Keyboard and Mouse.</p>  |
| 15. | UPS                       | Minimum 1 KVA UPS for Server and Other UHF RFID device with at least 2 hrs. backup  |

|     |  |   |
|-----|--|---|
| 16. | Electrical and Networking Connectivity | Electrical and Networking Connectivity to run All RFID Equipment's.         |
| 17. | Surveillance System                    | Total Setup of Surveillance System in whole library with at least 6 camera. |
| 18. | Placard                                | Placard with Library Rules and Other information                            |
| 19. | Fire Extinguisher                      | Type ABC fire Extinguisher (4 Kg)   |
| 20. | LED Lights                             | 15 Watt LED lights for Proper lighting in college Library.                  |
| 21. | Curtains with all fittings for Windows | Curtains for Windows.   |
| 22. | Split AC (2.0Ton)                      | Inverter AC with Standard Installation                                      |

### **GENERAL CONDITIONS**

#### **1. TENDERING SYSTEM**

1.1 The tender must remain valid for minimum 90 days (Three months) from the date of opening of price bid. A bid valid for a shorter period shall be rejected by the Tender Inviting Authority as non-responsive.

1.2 All RFID System Components must be SIP2, RS-232, TCP/IP Ethernet 10/100, 802.11b(wireless compliant)

1.3 Sealed tenders (Two bids) are invited for the supply of the materials as specified in the price schedule separately attached. In these general conditions wherever the expression Purchaser appear, the same will be defined to mean and include the Chas College Chas Bokaro. The tenders should be addressed to the **Principal, Chas College, Chas** hereinafter, referred to as –" Principal" in a sealed cover with the tender name, shown in the tender schedule, duly **super scribed** on the cover. **The technical bid and price bid should be submitted in separate sealed covers.** Both the bids will be opened on the due dates and times specified.

1.4 The tenders should be in the prescribed form and can be obtained from College office hours on payment of the price of Rs.5000.00 The firms who are registered with small industries corporation (NSIC)/ or Small Scale Industry (SSI)/ or MSME are exempted to submit the EMD.(Copy of registration must be provided along with)

**The cost of tender document can be paid in the form of Cash. While submitting their tender document, the Copy of Cash Receipt Copy should be kept along with technical bid.** The cost of tender forms once paid will not be refunded. Tenders which are not in the prescribed forms will be rejected.

1.5 **tuohitiw srednet lla/yna tcejer ro tpecca ot thgir eht sevreser sahC egelloC sahC ,lapicnirP ehT .foereht ,nosaer yna gninigissa**

#### **Amendment of tender documents:**

a) At any time prior to the dead line for submission of Tender, the Tender Inviting Authority may, for any reason, modify the tender document by amendment.

- b) The amendment shall be notified in the website of College/by fax/email to all prospective tenderers who have purchased the tender document, for which the email, fax no. of the purchaser of the tender document shall be submitted to the tender inviting authority and such amendments shall be binding on them thereafter.
- c) The Tender Inviting Authority shall not be responsible for failure to inform the prospective tenderers because of technical issues, wrong fax number or email ID etc. Purchasers of tender documents are requested to browse the website of the Tender Inviting Authority for information/general notices/amendments to tender document etc on a day to day basis till the tender is concluded.
- d) Intending tenderers should Submit the Tender on or before **03/02/2020 upto 2PM**. Tenders received after the specified date and time will be NOT accepted on any account. The prices quoted should be in **Indian Rupees**.
- e) The prices quoted should also include all taxes, transportation charges upto site, loading, unloading, freight, demurrage or any incidental charges.
- f) The equipment's/systems ordered should be delivered as above at the site for the same in College.

## **2. EARNEST MONEY DEPOSIT (EMD):**

1. EMD of Rs.25,000/- in the form of crossed Demand Draft/ Bank Guarantee drawn from any Nationalized bank *in favour of* "The Principal, Chas College" payable at Bokaro should be enclosed with the tender (technical bid) of each quoted by the bidder(s). The Unsuccessful Bidder's EMD will be returned soon after the finalization of Tender, where as the Successful Bidder's **EMD** will be returned subject to furnishing of the required **Performance Security**. No interest will be paid on EMD for the period of retention in the college. Tenders without EMD would be rejected. The Firm who are registered with National small industries corporation(**NSIC**)/or Small Scale industry (**SSI**)/or **MSME** are exempted to submit the EMD (Copy of Registration must be provided along with)

## **3. TECHNICAL BID**

- 3.1 The Technical bid shall contain the complete technical specifications and details on the competency of the tenderer and also the commercial bid package with terms and conditions of supply, warranty, after sales service etc. (Except Price Bid Form).
- 3.2 Apart from the documents and signed copy of the purchased tender document, the necessary enclosures should be submitted in this technical bid. In short, the technical bid should contain all the necessary documents to prove the technical competency and capability of the tenderer for supplying and installing a trouble free equipment meeting the quality standards and technical specification and the ability of the tenderer for providing efficient after sales service to the satisfaction of the Tender Inviting Authority and the user institution.
- 3.3 The **Technical Bid** will be opened in the presence of tenderers or authorized representatives. The **Price Bid** of the qualified tenderers will be opened after the evaluation of technical bid.



#### **4. PRICE BID**

- 4.1 The price bid shall be submitted in the format given in this document as Price Bid Form (Price schedule). The Price bid submitted in any other formats will be treated as non-responsive and not considered for tabulation and comparison.
- 4.2 Price Bid not submitted in the prescribed performa will not be considered for evaluation. However, it will be in the sole discretion of the tender committee whether to accept or not.
- 4.3 The tenders shall offer prices of the equipment/system inclusive of all the accessories mentioned in the technical specification. The Price offer should be without the essential accessories, without which the equipment/system cannot function properly
- 4.4 The price of the equipment/system quoted shall be inclusive of ex-factory, ex-show-room, ex-warehouse, or off-the-shelf, or delivered, as applicable, all accessories / additional accessories / spares mentioned in the technical specification, all duties and other taxes for inland transportation, insurance and other local costs incidental to delivery of the goods to their final destination and the cost of incidental services like unloading, safe storage and handling of consignment at site, on site assembly if any of the supplied goods, installation, testing and commissioning of the equipment/system, furnishing of detailed operations manual, service manual with circuit diagram and maintenance manual for each appropriate unit of supplied goods.
- 4.5 Communications of acceptance of the tender normally constitutes a concluded contract. Nevertheless, the successful tenderer shall also execute an **Agreement** on non-judicial stamp paper worth Rs. **100/-** with Chas College, Chas, Bokaro after the receipt of purchase/work order, the cost of which has to be borne by the supplier/bidder itself.
- 4.6 The payment will be released upon submission of bills/invoice on completion of following milestone –
- 90% payment of the supplied items should be made upon Successful delivery and installation of UHF RFID equipments and other hardware items. Where as remaining 10% will be kept as performance guarantee till the project completion.
  - Balance invoice should be submitted upon handover of the library and completion of RFID work.

#### **5. CLARIFICATION OF BIDS**

5.1 The request for clarification and the response shall be in writing, either through email or fax or by post.

5.2 To assist in the examination, evaluation and comparison of bids the purchaser may, at its discretion, ask the bidder for clarification of its bids.

#### **6. OPENING OF TENDER**

6.1 The opening of the technical bid and the price bid shall be done by the Tender Inviting Authority or his authorized representative in the presence of the prospective tenderers or his/her representative who choose to attend at the respective time and place mentioned.

6.2 The tenderers or representatives present for the opening of the envelopes shall sign

registers evidencing their attendances.

6.3 In the event of the specified date for opening of Tender being declared holiday, the Tender shall be opened at the appointed time and venue on the next working day.

6.4 In the event of the tender and claims in the covers are materially missing or of substantial error or unqualified for want of required qualifications, shall stand disqualified and rejected. However, minor infirmities in the submission of documents will be allowed to be rectified so as to ensure qualification of maximum number of competitive offers to the final round.

6.5 The tenderer shall be responsible for properly super scribing and sealing the envelopes and the Tender Inviting Authority shall not be held liable for accidental opening of the envelopes before the time appointed for opening of the envelopes.

6.6 The purchaser will award the contract to the rank 1 bidder, provided further that the bidder is determined to be qualified to perform the contract satisfactorily.

## **7. WARRANTY**

7.1 The supplier shall give a comprehensive **warranty for at least 1 year** after successful installation and commissioning items supplied.

7.2 Upon expiry of the warranty the college authority and bidder will entered into the AMC after mutual discussion.

## **8. TRAINING**

8.1 The successful vendor should provide comprehensive training to the staff for the proper use of the machine/system during installation.

## **9. DELIVERY AND INSTALLATION**

The successful tenderer will have to arrange transportation of the ordered goods as per its own procedure and pay necessary insurance against loss or damage incidental to manufacture or acquisition, transportation, storage, delivery, loading and unloading charges and pay all necessary charges incidental till it is installed in the User Institution.

## **10 OTHER CONDITIONS**

1. Special conditions, if any, of the tenderers attached with the tender will not be applicable to the contract unless.
2. Tenders should be made on the tender form. Tender will not be considered if it is not in the prescribed tender form and if it does not bear the tenderer's signature at the bottom of each page of the tender and at locations specified separately. Any conditional tender is liable for rejection.
3. Tenders which are not accompanied with the components in this check list are liable to be rejected.
4. The tenderer should specify rates per unit in Indian currency also; even it is quoted in foreign currency.
5. In case any addition/alteration to the site of installation is required, it should be carried out by the Supplier at his own expenses.
6. The warranty period starts from the date of successful installations at CHAS COLLEGE of individual items.

7. In the tender, while quoting for the equipment the supplier should quote including all the standard accessories which are required to put the equipment into use immediately after installation. Failure to install the equipment asking excuses for want of accessories will invite confiscation of EMD.
8. The supplier should list out the spare parts required for the equipment, which needs to be replaced periodically for its satisfactory performance and running. They should enclose the price list of such spare parts needed.

  
Signature of Principal  
Chas College Chas

## CHECKLIST FOR BIDDERS ELIGIBILITY

Documents to be kept along with —Technical Bid (First Cover) and —Price Bid (Second Cover). The cover containing the Technical Bid should be superscribed with —Technical Bid (First Cover) and the cover containing the price bid should be superscribed with —Price Bid (Second Cover).

These two sealed covers should be kept in one sealed cover duly superscribing on the cover mentioning the name of the equipments for supply with their self address.

### I. TECHNICAL BID (FIRST COVER):

1. Name of the Firm: -----
2. Registered office Address: \_\_\_\_\_ Phone No:-----  
-----
3. E.M.D. details:
  - a. DD No. & Date (Here need not mention the amount): .....  
Or, In case exempted from EMD submit required documents.
4. Name of the Bank & Branch: -----  
----
5. Affidavit stating the firm is not black listed with any Government Organizations and will not supply refurbished equipment's.
6. The Bidder must be a company registered in India, under the companies Act 1956/Partnership firm/proprietorship for a period of at least 6 years as on date.
7. Technical specification and information brochure of the equipment in original/self-signed photo copy.
8. For RFID, Bidder should have Authorization certificate is must from the OEM. In case OEM Participate in the bid they have submit Self-Declaration letter.
9. Bidder's Experience of library Related other IT Automation work will also added preference to the bidder. Submit PO/ Work order copy of college/Government Institutions/Public Sector Unit/Registered Gov. Organizations etc.
10. Duly self attested tender document for acceptance of terms and conditions.
11. GST and PAN no. Registration number of the Supplier.
12. Supplier Representation in Jharkhand is Must. Attached necessary document proof.
13. Supplier should have cumulative turnover of Rs.25 lacks in last 3 financial year as per CVC guidelines (Govt. of India). Attached necessary Balance sheet and ITR as proof of documents.
14. Supplier must have ISO Certification or Government E-Marketing Registered.
15. Submit Copy of DD or Cash receipt of Tender Document fee along with Technical Bid.

## II. PRICE BID (SECOND COVER):

Price of the equipment and its accessories (Rates should be quoted for delivery, installation and commissioning of the equipments at the site of Chas College including all taxes, additions/alterations to civil & electrical works required for installation, if any, etc. complete).

| Sl.No<br>(1) | Product<br>Description<br>(2)           | Qty.<br>(3) | Unit Cost<br>(4) | Total<br>Cost(5)=(3)<br>*(4) | GST<br>%<br>(6) | GST price<br>(7) | Cost Inclusive<br>of Taxes<br>(8)=(5)+<br>(7) |
|--------------|---|-------------|------------------|------------------------------|-----------------|------------------|---|
| 1.           | UHF RFID PVC<br>Card                    | 2500        |                  |                              |                 |                  |   |
| 2.           | UHF Touch<br>Kiosk                      | 1           |                  |                              |                 |                  |   |
| 3.           | UHF Handheld<br>Device                  | 1           |                  |                              |                 |                  |   |
| 4.           | Anti Theft Gate<br>Antena               | 1           |                  |                              |                 |                  |   |
| 5.           | UHF RFID Tag<br>With Sticker            | 15000       |                  |                              |                 |                  |   |
| 6.           | UHF Desktop<br>Reader                   | 1           |                  |                              |                 |                  |   |
| 7.           | Integrated<br>Library Mgmt.<br>Software | 1           |                  |                              |                 |                  |   |
| 8.           | RFID<br>Middleware                      | 1           |                  |                              |                 |                  |   |
| 9.           | Installation and<br>Training            | 1           |                  |                              |                 |                  |   |
| 10.          | STAFF<br>STATION Table<br>and Chair     | 1           |                  |                              |                 |                  |   |
| 11.          | Data- Entry<br>Job                      | 18000       |                  |                              |                 |                  |   |

|                   |  |        |  |  |  |  |  |
|-------------------|--|--------|--|--|--|--|--|
| 12.               | Classification of Books                | 15000  |  |  |  |  |  |
| 13.               | Server                                 | 1      |  |  |  |  |  |
| 14.               | Desktop System                         | 2      |  |  |  |  |  |
| 15.               | UPS 1 KVA                              | 6      |  |  |  |  |  |
| 16.               | Electrical and Networking Connectivity | 1 job  |  |  |  |  |  |
| 17.               | Surveillance System                    | 1 job  |  |  |  |  |  |
| 18.               | Placard                                | 1 job  |  |  |  |  |  |
| 19.               | Fire Extinguisher                      | 4      |  |  |  |  |  |
| 20.               | LED Bulbs with fittings                | 20 Nos |  |  |  |  |  |
| 21.               | Curtains with all fittings for Windows | 12     |  |  |  |  |  |
| 22.               | Split AC (2.0Ton)                      | 6      |  |  |  |  |  |
| <b>Total Cost</b> |  |        |  |  |  |  |  |

\*Total cost- total cost of the equipment, inclusive of all taxes/charges.

## **COMPLIANCE CERTIFICATE (CHECK LIST) FOR NIT TERMS**

To be enclosed in the technical bid

| Sl.No | NIT TERMS AND CONDITIONS  | YES/NO |
|-------|---|--------|
| 1     | Rate Quoted   |        |
| 2     | Validity of Rate Quoted   |        |
| 3     | EMD Submitted<br>Draft no..... Date.....  |        |
| 4     | Authorization Certificate from OEM/GEM  |        |
| 5     | Copy of Purchase/work order (RFID Work Preferred )  |        |
| 6     | Submit Firm registration certificate to complete 6 years as on date.  |        |
| 7     | Bidder representation in Jharkhand (attached Document)  |        |
| 8     | Literature/Brochures Manual Provided  |        |
| 9     | ISO certificate/Gem Registered No.  |        |
| 10    | Last 3 Years Audited Balance Sheet (25 Lacks)   |        |
| 11    | GST Certificate   |        |
| 12    | Company's PAN No.   |        |
| 13    | Affidavit certificate   |        |
| 14    | Copy of ITR   |        |
| 15    | The Firms who are registered with National Small Industries Corporation (NSIC)/or Small Scale Industry (SSI)/ or MSME are exempted to submit the EMD( Copy of registration must be provided along with) |        |
| 16    | Copy of Self attested tender document for acceptance of terms and conditions.   |        |