
RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LIMITED

OFFICE THE SUPERINTENDING ENGINEER (MIS)

SHADE No. 8/3, VIDYUT BHAWAN, JANPATH, JAIPUR-302 005.

Telephone No. 141-274247 Email: se_mis@rvpn.co.in

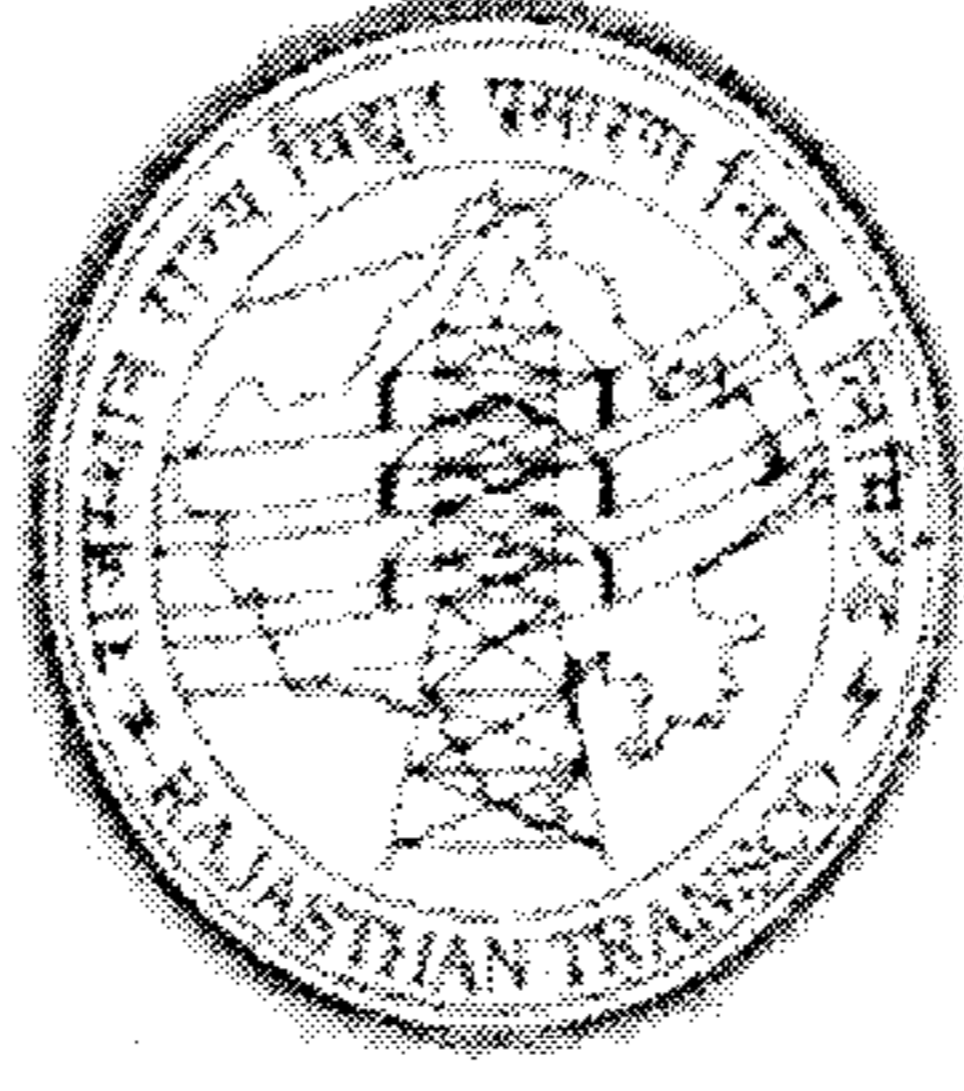
NIT No. RVPN/SE/MIS/TN-03/2011-12

**SUPPLY AND INSTALLATION OF BIOMETRICS
ATTENDANCE SYSTEM**

Sealed tenders Techno Commercial and Financial bid to be opened in two parts are invited from manufacturer of Finger print Biometric Machine/System Integrator AND Attendance cum access control software for supply and installation of biometrics attendance system at Vidyut Bhawan, Jaipur; Corporate Office, AVVNL, Ajmer and Corporate Office, JdVVNL & RVPN Offices at New Power House Campus, Jodhpur. Tender Document can be obtained from the office of undersigned by remitting the tender cost payment of Rs. 1000/- (Rs. One thousand only) either by cash or crossed Demand Draft in favour of Sr. AO (EA & Cash), RVPN, Vidyut Bhawan, Jaipur from the date of publication of the NIT to 15.07.2011 (between 11:00 Hrs. to 15:00 Hrs.) or it may be downloaded from the website of RVPN (www.rvpn.co.in / www.rajenergy.com). Downloaded document will be accepted only on furnishing DD for Rs. 1000/- (as tender cost) in favour of Sr. AO (EA & Cash), RVPN, Jaipur while submitting bid document in a separate envelope. Bid document will be accepted duly sealed and signed on each page and completed in all respect must be submitted to this office latest by 15:00 Hrs. on 15.07.11 along with DD of Rs. Seventy thousand only towards Earnest Money deposit (EMD) in favour of Sr. AO (EA & Cash), RVPN, Jaipur. The same shall be opened on same day at 4:00 PM in the office of the undersigned and in presence of tenderer who choose to be present.

Superintending Engineer (MIS)
RVPN, Jaipur

DOWNLOAD TENDER DOCUMENT



Tender No: RVPN/SE/MIS/TN-03/2011-12

Office of the Superintending Engineer (MIS)

**TENDER DOCUMENT FOR SUPPLY AND INSTALLATION OF
BIOMETRICS ATTENDANCE SYSTEM**

AT

**VIDYUT BHAWAN, JAIPUR;
CORPORATE OFFICE, AVVNL, AJMER
&
CORPORATE OFFICE, JdVVNL & RVPN OFFICES AT
NEW POWER HOUSE CAMPUS, JODHPUR**

**RAJASTHAN RAJYA VIDYUT PRASARAN NIGAM LTD.
(Government of Rajasthan Undertaking)
Jyoti Nagar, Vidyut Bhawan, Janpath
Jaipur**

6

TABLE OF CONTENTS

S.No	PARTICULARS	PAGES
I	Letter of Invitation/Advertisement	2
II	Critical Information	3
III	Instruction to Bidder	4-6
IV	General Terms & Conditions of contract	7-12
V	Technical Specification	8-19
VI	Financial Specification	20-25
VII	Tender Forms/Annexures/Schedules	25-44

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ADVERTISEMENT:

NOTICE INVITING TENDER

NIT NO. RVPN/SE/MIS/TN-03/2011-12

**SUPPLY AND INSTALLATION OF BIOMETRICS ATTENDANCE
SYSTEM**

Sealed tenders Techno Commercial and Financial bid to be opened in two parts are invited from manufacturer of Finger print Biometric Machine/System Integrator AND Attendance cum access control software for supply and installation of biometrics attendance system at Vidyut Bhawan, Jaipur; Corporate Office, AVVNL, Ajmer and Corporate Office, JdVVNL & RVPN Offices at New Power House Campus, Jodhpur. Tender Document can be obtained from the office of undersigned by remitting the tender cost payment of Rs. 1000/- (Rs. One thousand only) either by cash or crossed Demand Draft in favour of Sr. AO (EA & Cash), RVPN, Vidyut Bhawan, Jaipur from the date of publication of the NIT to 15.07.2011 (between 11:00 Hrs. to 15:00 Hrs.) or it may be downloaded from the website of RVPN (www.rvpn.co.in / www.rajenergy.com). Downloaded document will be accepted only on furnishing DD for Rs. 1000/- (as tender cost) in favour of Sr. AO (EA & Cash), RVPN, Jaipur while submitting bid document in a separate envelope. Bid document will be accepted duly sealed and signed on each page and completed in all respect must be submitted to this office latest by 15:00 Hrs. on 15.07.11 along with DD of Rs. Seventy thousand only towards Earnest Money deposit (EMD) in favour of Sr. AO (EA & Cash), RVPN, Jaipur. The same shall be opened on same day at 4:00 PM in the office of the undersigned and in presence of tenderer who choose to be present.


Superintending Engineer (MIS)
RVPN, Jaipur

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II Critical Information:-

Name of the work	SUPPLY AND INSTALLATION OF BIOMETRICS ATTENDANCE SYSTEM AT VIDYUT BHAWAN, JAIPUR, CORPORATE OFFICE, AVVNL, AJMER & NEW POWER HOUSE, JODHPUR
Tender No.	RVPN/SE/MIS/TN-03/2011-12
Estimated Cost	35 Lacs
Cost of tender document	Rs. 1000/-
Earnest Money	Rs. 70,000/-
Demand Draft in Favor of	Sr. Accounts Officer (EA & Cash), Jaipur, payable at Jaipur
Availability of tender document	Upto 3 PM on 15.07.2011
Last date of receiving tender	15.07.2011 up to 3.30 PM
Date and time of opening tender	15.07.2011 at 4 PM
Place of Submitting & opening tender	Office of the SE(MIS), RVPN, Shed No.8/3, Vidyut Bhawan, Janpath, Jaipur-302005
Contact person for Queries	Sh. R C SHIVGAN (SE MIS), RVPN, Mob:9413393647, E-Mail ID: se_mis@rvpn.co.in

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III

INSTRUCTION TO THE BIDDERS

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3.0 BIDDING PROCESS

3.1 The bidding document shall comprises of following:

- a. Cost of Bid Document in form of DD in case document downloaded from website. Envelope shall be marked as "Cost of tender Document against TN-03/2011-12"
- b. EMD envelope should be marked as "EMD against TN- 03/2011-12".
- c. The Technical Bid should be placed in one envelope & marked as "Technical Bid for BIOMETRIC ATTENDANCE SYSTEM".
- d. The Financial Bid should be placed in one envelope & marked as "Financial Bid for BIOMETRIC ATTENDANCE SYSTEM".

All these envelops should be sealed separately and should further be kept in fifth envelop marked as Bid for "SUPPLY AND INSTALLATION OF BIOMETRIC ATTENDANCE SYSTEM" and sealed properly.

Any deficiency in documentation may result in the rejection of the Bid.

The Technical bids will be opened on 15.07.2011 at 16:00 Hrs in Shed No 8/3, Vidyut Bhawan, Janpath, Jaipur. Thereafter the technical bids will be evaluated by Bid Evaluation committee.

The Financial bid of only the technically short listed bidders would be opened. The dates for the same would be intimated separately.

3.2 BID SUBMISSION

The bids shall be either typed or written in indelible ink and each page shall be signed & sealed by the bidder or a person duly authorized to bid by the bidder.

The last date for submission of bid is 15.07.2011 up to 15:30 hrs

3.3 VALIDITY OF BID

Bids shall remain valid up to 4 months from the last date of bid submission. A Bid valid for a shorter period can be rejected as non-responsive.

In exceptional circumstances, SE (MIS), RVPN may solicit Bidder's consent to an extension of the period of validity. The request and the responses thereto shall be made in writing. Bidders shall not be permitted to modify the Bid.

3.4 COST OF PREPARATION OF TENDER

The Bidder shall bear all cost associated with the preparation and submission of its tender, including cost of presentation for the purposes of clarification of the bid, if so desired by the



3.5 CONFIDENTIALITY

RVPN requires that recipients of this document to maintain its contents in the same confidence as their own confidential information and refrain from any public disclosure whatsoever.

3.6 DISCLAIMER

RVPN and / or its officers, employees disclaim all liability from any loss or damage, whether foreseeable or not suffered by any person acting on or refraining from acting because of any information forecast estimates or projections contained in this document or conduct ancillary to it whether or not the loss or damage arises in connection with any omission negligence default lack of care or misrepresentation on the part of RVPN and / or any of its officers, employees.

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GENERAL CONDITIONS OF CONTRACT

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4.0 GENERAL CONDITIONS OF TENDER

Note: Bidders must read these conditions carefully and comply strictly while sending / submitting their tenders.

- a. The **last date of receipt** of the tender is 15.07.2011. Tender shall be accepted up to 3.30 PM on this date. Tenders received after due date time will not be considered.
- b. Each bidder shall submit only one bid by himself or as a partner in the firm. The bidder who submits or participates in more than one bid will be disqualified.
- c. The Bid & all correspondences related to the bid shall be written in the **English** language only.
- d. The **scope of work** can be increased or decrease by 25% during the execution period.
- e. No foreign exchange will be provided by the department.
- f. In case, due date is declared a holiday the tender will be opened on next working day at the same time and venue.
- g. **Sales Tax/Service Tax Registration Certificate:** No Manufacturer/Agency /Dealer who is not registered under the Sales Tax Act prevalent in the State where his business is located shall tender. The Sales Tax Registration Number and Service Tax Registration Certificate from the Commercial Taxation Department/Central Excise Department respectively shall be submitted without which the tender is liable to rejection.
- h. Tender forms shall be filled in ink or typed. No tender filled in pencil shall be considered. The bidder shall **sign the tender form at each page and at the end, in token of acceptance of all the terms and conditions of the tender.**
- i. The tenderers shall quote price for all hardware/software required for implementation of the Biometric System. The per unit price/cost are F.O.R. destination price and are FIRM in all respect and inclusive of supply, packaging, forwarding, freight, transit, storage, insurance charges, installation charges with all taxes, duties & levies including erection, commissioning, testing, customisation and integration of whole system. Prices for the supply and installation of Biometric Attendance System and peripherals should be indicated in Schedule – IV. The schedule - IV should be packed in “price bid” envelope. If Schedule – IV is not filled completely the offer is likely to be ignored.
- j. Rates shall be written both in words and figures. There should not be errors and/or over-writings. Corrections, if any, should be made clearly and initialed with dates. The rates should mention element of the Rajasthan State Sales Tax and Central Sales Tax separately.

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- k. Bidder shall quote firm prices in the price bid. No conditional discounts shall be quoted in the bid e.g. discounts based on conditions linked with bid/performance security/guarantees, advance payments, selection etc. Financial bids with such conditional discounts would be summarily rejected.
- l. Any changes in the constitution of the firm/company shall be notified forthwith by the contractor in writing to the Nigam and such changes shall not relieve the bidder from any liability under the contract.
- m. In the event of the breach of any of the conditions of the contract at any time on the part of contractor the contract may be terminated summarily by RVPN with out compensation to the contract.
- n. The prices quoted shall remain **fixed and FIRM** during the period of contract.
- o. When a tenderer is unable to complete the work with in specified or extended period, the Nigam shall be entitled to arrange the completion of work from elsewhere with out notice to the tenderer but on his cost and risk.
- p. Income Tax/Service Tax shall be deducted at source as per rules
- q. All disputes shall be subject to the jurisdiction of Jaipur court only. However matters can be referred to relevant settlement committee in RVPN also for mutual settlement.
- r. **Loss of Revenue to the Purchaser:** The bidder shall be vicariously liable to indemnify the Purchaser in case of any misuse of data/information by the bidder, deliberate or otherwise, which comes into the knowledge of the purchaser during the performance or currency of the contract.
- s. **Change orders:** The purchaser may at any time, by a written order given to the bidder, make changes within the general scope of the Contract. If any such change causes an increase or decrease in the cost of, or the time required for, the bidder's performance of any part of the work under the contract, whether changed or not changed by the order, and equitable adjustment shall be made in the performance security, Contract Price or delivery schedule, or both, and the contract shall accordingly be amended. Any claims by the bidder for adjustment under this clause must be asserted within thirty (30) days from the date of the bidder's receipt of the purchaser's changed order.
- t. **Contract Amendments:** No variation in or modification of the terms of the Contract shall be made except by mutual consent by both the parties i.e. the Bidder and the Purchaser.
- u. **Purchaser's Right to Accept any bid and to reject any or all bids:** The purchaser reserves the right to accept any bid, and to annul the tender process and reject all bids at any time prior to award of contract, without assigning reasons & without thereby

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- v. **Termination for insolvency:** The purchaser may at any time terminate the contract by giving written notice to the bidder, without compensation to the bidder, if the bidder becomes bankrupt or otherwise insolvent provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the purchaser.
- w. **Termination for Convenience:** The purchaser, may, by written notice sent to the bidder, terminate the contract, in whole or in part at any time for its convenience. The notice of termination shall specify that termination is for the Purchaser's convenience, the extent to which performance of work under the Contract is terminated and the date upon which such termination becomes effective.
- x. The contractor shall not assign or sub-let his contract or any substantial part thereof to any other agency.
- y. The bidder shall pay the expenses of stamp duty for execution of agreement.
- z. If a bidder imposes conditions, which are in addition to or in conflict with the conditions mentioned herein, his tenders is liable to summary rejection. In any case none of such conditions will be deemed to have been accepted unless specifically mentioned in the letter of acceptance of tender issued by the Purchase Officer.
- aa. Any bid received by the Tendering Authority after the deadline for submission of bids will be rejected & not to be considered and may be returned unopened to the bidder.

4.1 FORCE MAJEURE

If at any time during the currency of the contract the performance in whole or in part be prevented or delayed by reason of any war hostility acts of public enemy, civil commotion, sabotage, fire, floods, explosion, epidemics, quarantine restrictions, strikes, lockouts or acts of God (hereinafter referred to as 'Events') then provided Notice and adequate proof of the production / despatch having suffered on account of these events, is given within 21 days from the date of occurrence thereof the penalty on account of delay shall not be exercised by the purchaser provided further that the work under the contract shall be resumed, as soon as practicable after such event (s) has ceased to exist and the decision of the purchaser as to whether the work has been so resumed or not shall be final and conclusive provided further that in case the strike / lockout prolongs beyond a period of thirty days, the supplier shall immediately inform about to the purchaser in which case the purchaser reserves the right to procure the material /equipment on order or part thereof from any other source at the risk and cost of the supplier.

4.2 EARNEST MONEY DEPOSIT

- a) The bidder shall furnish, as part of the Technical Bid, an Earnest Money amounting to Rs. 70,000/- (Rupees Seventy thousand only).

- g) The EMD shall be in Indian Rupees and shall be a Bankers Cheque or Demand Draft payable to Sr. Accounts Officer (EA & Cash) Jaipur, payable at Jaipur. The instrument should be issued by a Bank having at least one branch at Jaipur.
- h) The EMD of the successful Bidder may be refunded after signing of contract agreement and submission of 2% Security Bank Guarantee (SBG). The earnest money deposit of unsuccessful Bidders shall be refunded soon after final acceptance of tender. No interest would be payable by the RVPN on the amount of earnest money/security deposit.
- ii) Forfeiture of Earnest Money:

The Earnest Money may be forfeited on account of one or more of the following reasons:

- i) The Bidder withdraws/modifies their bid during the period of bid validity specified by them on the bid letter form,
- ii) Bidder does not respond to requests for clarification of their bid,
- iii) Bidder fails to co-operate during the bid evaluation process and
- iv) in case of a successful Bidder, the said Bidder fails to sign the Agreement in time.

4.3 DISQUALIFICATION

Purchaser, on its sole discretion and at any time during the processing of Tender, may disqualify any bidder from the Tendering process under following circumstances:-

- 1) Submission of Tender after the prescribed date and time.
- 2) Bids not accompanied by proof for purchase of tender document or in case of downloaded from website not accompanied by DD in favor of Sr. AO (EA & CASO) RVPN of required amount towards tender cost
- 3) Bids not accompanied by EMD for requisite amount.
- 4) Made misleading or false representations in the forms, statements and attachments submitted in proof of the eligibility requirements.
- 5) If found to have a record of poor performance such as abandoning works, not properly completing the contract, inordinately delaying completion, being involved in litigation or financial failures, etc.
- 6) Submitting Tender document, which is not accompanied by required documentation or is non-responsive?

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- 9) Applicants who are found to canvass, influence or attempt to influence in any manner the qualification or selection process, including without limitation, by offering bribes or other illegal gratification, shall be disqualified from the process at any stage.
- 10) Direct or indirect canvassing on the part of the bidder or his representative will be a disqualification.

4.4 SUPPORTING DOCUMENTS

- a. Registered power of attorney executed by the bidder in favour of duly authorised representative certifying him/her as an authorizing signatory for the purpose of the tender.
- b. Documents/Certificates mentioned in the Pre Qualifying Criteria.
- c. Earnest money of INR 70,000/- (Seventy Thousand Only) in the form of Bank Draft.
- d. Declaration letter on official letter head stating the following:-
 - 1) We are not involved in any major litigation that may have any impact of affecting or compromising the delivery of services as required under this assignment.
 - 2) We are not Black listed by any central/state government/PSU in India.

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**TECHNICAL
SPECIFICATIONS**

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5.0 Technical Specifications and terms & Conditions

5.1 QUALIFYING CRITERION

FOLLOWING ARE THE PRE-QUALIFYING REQUIREMENTS FOR SUPPLY AND INSTALLATION OF BIOMETRIC ATTENDANCE SYSTEM AND PERIPHERALS THAT THE INTERESTED BIDDER MUST FULFILL:-

The qualification requirement for the bidders is aimed at selection of bidders having sufficient financial resource, relevant experience in the field of manufacture, supply & installation of the offered equipment/Customised Software & System Integration; who can by meeting the specified quality, quantity, delivery, payment terms etc. execute the intended supplies to the Nigam's satisfaction. Firm should fill the Tender Letter Performa attached with the tender.

i) Status of Bidder:

- a) The bidder should be a manufacturer of Finger print Biometric Machine/System Integrator AND Attendance cum access control software in India and/or abroad as on the date of opening of BID.
- b) The Bidder must be an ISO 9001 Company.
- c) The Bidder should be directly working in the field of Biometric Attendance System solution.

ii) Past Supply & Performance Criteria:

The bidders shall meet both the past supply & performance criteria as detailed below: -

The bidder should have executed at least **3 contracts** in India, where the supply, installation, integration of Biometric Attendance System and post sales support was carried out by the bidder for minimum 10 Biometric Attendance Readers and one order of min. 15 lacs for any of the Government/Semi Government/Public Sector Units. Details to the past supplies should be furnished in **Schedule III** along with details of supply and performance Certificate from the customer shall be attached as per Annexure I.

In support of the past supply and performance criteria, the bidder shall furnish the performance certificate for satisfactory supply and performance from the purchaser / user in original or duly notarised in the prescribed proforma.

The bidder should have his office/support office in Rajasthan for system support.

The average turnover of the bidding company should not be less than Rs. 2 Crores per annum for a continuous period of preceding 3 years from System Security related business and minimum net worth of Rs. 50 lac.

Notwithstanding anything stated above, RVPN reserves the right to verify the facts in above regard and to carry out capability assessment and the decision of RVPN with regard to capability shall be final and binding upon the tenderer.

iii) Poor Record of Performance and Delivery:

RVPN reserves the right to reject any offer on the basis of poor after sales service and performance of the equipment supplied by the bidder against the previous orders. For this

- vii) **Returning of Sample Pack:** Sample pack of the Successful Bidder will not be returned but will be adjusted against the supply order. The sample pack of the un-successful bidders will be returned back in as-is-where-is condition within a week after issue of the purchase order. Concerned bidders shall make arrangements for getting the sample packs back at their own. The samples will be returned to the representatives of the bidders on the production of sample pack delivery challan, acknowledgement slip and authority letter of the bidder.

5.2 SCOPE OF WORK

This specification covers supply, installation and implementation of Biometric Attendance System which includes Finger print Biometric Machine, Attendance cum access control software, Server, Computers, printers, surveillance, digital recording system and other items/activities including training, preparing an interface for integration of the intended system with the existing payroll software at all power sector companies of Rajasthan at Corporate offices of Rajasthan Power Sector companies at Jaipur, Ajmer and Jodhpur to the entire satisfaction of the purchaser. This also includes arrangement for initial registration of data and three years Facility Management System (FMS) after completion of warranty period of one year. It will however be the responsibility of the supplier to supply all apparatus, appliances and material whether specifically mentioned or not but which may be found necessary to complete the equipment as well as for the perfect operation of the equipment/System. Existing three Biometric machines operational at Vidyut Bhawan, Jaipur are also to be integrated with the intended System.

Scope of work under the Bidder scope can be broadly classified into following activities:

a) **Installation, Commissioning and Operation of RFID & finger print Biometric machines including surveillance System.**

Installation of these machines along with Security surveillance System in buildings at Jaipur, Ajmer and Jodhpur premises and interfacing them with time attendance system.

b) **ID Card Preparation Facility**

Involves capturing of required finger prints and photographs of approx. 3000 employees (one time activity) and Registering / mapping the employee with the RFID Card in Access Control System and existing Time Attendance System (one time activity for approx. 3000 employee.

c) **Software Requirements and Reports**

- (i) Centralised Management Software to manage all the functions of the readers. Data polling software to force and scheduled captured data transfer from the reader to the time attendance server in required format for integrating Access Control System with Time Attendance System and Visitors Management Software.
- (ii) Generation of reports in desired formats as required by User.

d) **Integration with the existing Payroll software**

Data Integration with Payroll of RVPN, JVVNL, JdVVNL, RVUNL and AjVVNL companies may be done with the help of software vendor of the concerned companies by developing a suitable interface.

e) **Facility Management System (FMS)**

Providing FMS of the developed System for three years after completion of warranty period of one year.

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be required to replace all such equipments with latest one and equivalent configuration. The supplier shall submit an OEM undertaking with this regard to the purchaser.

The material to be supplied should be new and unused. Any used, overhauled or rebuilt material shall not be accepted. Supplier shall supply original media, operational and maintenance manuals, trouble-shooting guide of the equipment supplied and installed.

OWNER'S CONTRIBUTION

Local Area Network required for interconnecting the machines/Cameras with the central server/NVR shall be created by the purchaser as per the requirement along with availability of power supply.

RVPN will provide photographs and other required data for proximity RFID Cards Inlays will be prepared in all respect by the bidder.

5.3 DELIVERY, INSTALLATION AND INTEGRATION OF THE SYSTEM:

The delivery of the equipment/software and integration of the System shall commence within Four weeks and shall be completed within three months from the date of issue of Purchase Order. However the actual delivery schedule will be as per purchase order and is binding on the supplier. In case it is not possible to agree to the time period as specified in this query, the bidder may indicate the time period, which can be guaranteed by them provided the same is acceptable to the purchaser in APPENDIX – IV attached with the tender document

5.4 STANDARDS:

The design, manufacture and testing of various equipments covered under this specification shall comply with the relevant Indian/International standards wherever applicable.

5.5 GENERAL:

The purchaser is looking for products/makes which are produced in volume and are used by large number of users in India. All products offered must be associated with specific model numbers, item code and names with printed literature describing configuration and its functionality. Any deviation from the printed specifications should be clearly mentioned in the offer document.

The bidder must have the experience of supply, installation, integration & implementation of Biometric Attendance cum Access Control System & Attendance (application) software (similar types/makes as offered in the bid) and providing of satisfactory after sales services/support for 2 years in the reputed organizations. The Bidder should submit a certificate to this effect from the competent authority of the organization.

The supply should be of the very best quality. The decision of the purchaser whether the supplied material conforms to the specifications or not, shall be final and binding upon the supplier.

5.6 INSTRUCTION MANUAL/LITERATURE:

Technical and descriptive literature manual explaining operation & management features and the details of the equipments, in addition to the other special characteristic drawings/literature, shall be submitted along with the tender.

5.7 INSPECTION & TESTING:

- (a) The supplier shall undertake to perform/performance standards tests/certificate before dispatch to determine whether the equipment offered conforms to the relevant standards, benchmarks and specification. The supplier shall provide details of such tests to the purchaser at the time of inspection. Purchaser reserves the right to get the material inspected before/against delivery as per the technical specifications at your works/consignees store.
- (b) The items shall be inspected by the inspecting officer(s) deputed by RVPN for its functionalities, hardware/software checking and technical parameters. The Inspection shall be carried out on at least 5% quantity of the offered items. The supplier shall provide all requisite information to the inspector(s) such as list of items with quantities, item serial number etc.
- (c) No equipment shall be despatched from its point of manufacturer unless the material has been satisfactorily inspected and cleared by the representative of the purchaser unless the inspection is waived off.
- (d) Inspection and acceptance of any quantity of equipment shall in no way relieve the supplier from his responsibility for meeting all the requirements of this specification and this shall not prevent subsequent rejection if such equipment is later on found defective.
- (e) The following facilities shall be provided by the successful tenderer at his own cost to the Inspecting Officers of RVPN, in case the tender specification and purchase order is of the value of 50 lacs and above:
 - 1) A suitable accommodation to the inspecting officers. In case of joint inspection, single or shared double room accommodation shall be provided.
 - 2) Local conveyance between arrival point/departure point, place of stay and works.
 - 3) The firm shall also assist in arranging return ticket and reservation on the request of the Inspecting Officer for which the payment shall be made by the Inspecting Officer.

5.8 GUARANTEED TECHNICAL PARTICULARS:

The tenderer shall confirm to supply material as per the guaranteed technical particulars annexed as schedule – I (Appendix I). Any other particulars considered necessary by the tenderer may also be given in addition to those listed in **Schedule - I**. The tenders lacking in supply of requisite information as called for may be rejected as incomplete.

5.9 REQUIREMENT SCHEDULE:

The requirement of Biometric Attendance Reader, Software and Peripherals are annexed as **schedule - II**.

5.10 MATERIAL AND WORKMANSHIP:

All materials used in the manufacture of aforesaid equipment shall be of best quality and capable of satisfactory operation under climatic conditions prevailing in Rajasthan. The workmanship shall be of the highest grade and the entire manufacture shall be in accordance with the best modern engineering practice.

VI

FINANCIAL

SPECIFICATIONS

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6.0 BID EVALUATION PROCESS

6.1 OPENING OF TECHNICAL BIDS

The Tendering Authority will open the technical bids in the presence of bidders' Representatives, who choose to attend, at 4:00PM on 15.07.2011 at the following location:

Office of the Superintending Engineer (MIS), RVPN, Shed No. 8, Vidyut Bhawan, Jan Path, Jaipur 302005.

The bidders' representatives who are present shall sign in a register evidencing their attendance.

Financial Bids will remain unopened and will be held in the custody of the Tendering authority until the time of opening of the Financial Bids. The time and date and location of the opening of the Financial Bids will be intimated in writing or by fax by the Tendering authority to the technically qualified bidders.

6.2 PRELIMINARY EXAMINATION OF TECHNICAL BIDS

The Tendering Authority will examine the technical bids to determine whether they are complete, whether the documents have been properly signed, whether the required EMD is enclosed, and whether the bids are generally in order, whether sample as mentioned in the PQR sheet has been attached in sealed envelope. Any bids found to be non-responsive for any reason or not meeting the minimum levels of the performance or other criteria specified in the bidding documents will be rejected by the Tendering Authority and shall not be included for further consideration

6.3 EVALUATION OF TECHNICAL BID

The Tendering Authority will carry out a detailed evaluation of the bids in order to determine whether the bidders are qualified and whether the technical aspects are substantially responsive to the requirements set forth in the bidding documents. In order to reach such a determination, the Tendering Authority will examine the information supplied by the Bidders and other requirements in the bidding documents, taking into account the criterion mentioned in the Document.

However, RVPN in its sole/absolute discretion can apply whatever criteria deemed appropriate in determining the responsiveness of the tender submitted by the respondents. The price bid for all prequalified bidders will be opened and contract will be awarded to the lowest price bidder.

6.4 CLARIFICATION OF TECHNICAL BIDS

The Tendering Authority may conduct clarification meetings with each or any Bidder to discuss any matters related to bid. The bidder may be required to make presentations on his methodology for carrying out the tasks. Clarification can also be sought in writing.

6.5 INVITATION TO ATTEND OPENING OF FINANACIAL BIDS

At the end of the evaluation of the Technical Bids, Tendering Authority will invite bidders whose Technical bid found substantially responsive to attend the bid opening of the Financial Bids. Bidders shall be given reasonable notice of the Financial Bid opening.

6.6 OPENING AND EVALUATION OF FINANCIAL BIDS

The Tendering Authority will open the Financial Bids of bidders who submitted substantially responsive Technical Bids and who have been determined as meeting the eligibility criteria as mentioned in the Document (technically qualified bidders) at the time and date at the location advised to the bidders. The bidder's representatives who are present shall sign a register evidencing their attendance.

The bidder's names, the Bid Prices, the total amount of each bid, and such other details as the Tendering Authority may consider appropriate, will be announced and recorded by the Tendering Authority at the opening.

6.7 CORRECTION OF ERRORS

Price Bids determined to be substantially responsive will be checked by the Tendering Authority for any errors. If there is a discrepancy between the quoted rate in figures and the quoted rate in words, the rate in words will take precedence. Arithmetic errors will be rectified on the following basis.

If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate multiplied by quantity shall prevail and the total cost will be corrected unless in the opinion of the Tendering Authority there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected.

If there is a discrepancy between the total bid amount and the sum of various costs, the sum of the various costs shall prevail and the total bid amount will be corrected.

The amount stated in the Form of Financial Bid will be adjusted by the Tendering Authority in accordance with the above-mentioned point for the correction of errors and, shall be considered as binding upon the bidder. If the bidder does not accept the corrected amount of bid, its bid will be rejected, and the EMD shall be forfeited.

6.8 CONTRACTUAL FORMALITIES

- a) Successful bidder will have to execute an agreement on a Non-Judicial Stamp of Rajasthan state of Rs. 100/- within a period of 30 days of receipt of order and deposit

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security amount equivalent to 2% of contract value prior to signing of agreement either in form of cash or Bank Guarantee (SBG).

11. No interest will be paid by the purchaser on the EMD & performance security deposit.
12. The successful bidder shall be required to provide manufacturing warranty on 10% non judicial stamp. The material supplied shall be covered by onsite warranty for period of one year from the date of successful installation.

6.9 TERMS OF PAYMENT

- a. No mobilization advance shall be made.
- b. In case of equipments supplied:
 1. 70% payment of the cost of each consignment plus 100% taxes and duties, payable extra, shall be made against delivery of goods at site on presentation of bills with receipted challans and other contractual documents.
 2. 20% payment of the cost of each consignment shall be made after installation of equipment at site, on presentation of installation certificate duly acknowledged by the consignee.
- c. In case of custom software and custom material supplied:
 1. 50% of the part of the contract price, against the installation of the custom software and/or custom material.
 2. 40% of the part of the contract price against operational acceptance of the custom software and/or custom material.
- d. Remaining 10% payment shall be released after ascertaining satisfactory performance of the equipment/system for a period of 12 months from the date of commissioning/ Operational Acceptance of all the ordered / accepted quantities of the System.
- e. As the Bank Guarantee is to remain valid for the entire currency of the contract including the currency of the contract guarantee period, the supplier should be asked to get validity of the Bank Guarantee suitably extended for the amount so as to safeguard the Nigam interest to cover any extension in the delivery period or warranty period agreed upon by purchasing authority/ committee or where any claim of the Nigam against him is still pending, it shall be responsibility of the concerned purchasing officer to ensure that the Bank Guarantee is got extended in time where any officer has been made responsible for the work of Bank Guarantees, it would be the responsibility of the concerned officer to ensure that the Bank Guarantee is got extended wherever warranted by circumstances.
- f. All costs, damages or expenses which the purchaser may have incurred under the contract, for which the contractor is liable, may be deducted by the purchaser from the

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money due or becoming due by him to the contractor under this or any other contract or may be recovered by suit or otherwise from the contractor. Any sum of money due and payable to the contractor (including security deposit returnable to him) under this contract may be appropriated by the purchaser and set off against any claim of the purchaser for the payment of a sum of money arising out of or under any other contract made by the contractor with the purchaser.

- g. The security deposit shall be returned back after successful completion of total scope of work.
- h. For providing Facility Management System (FMS) during the Post warranty Period for three years, firm has to sign Comprehensive Annual Maintenance Contract (CAMC) for 3 years after warranty period and has to furnish Performance Bank Guarantee for CAMC Contract to the purchaser equivalent to 10% amount of the Total value of the amount of CAMC, within 14 days before the date of completion of Warranty.
- i. The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the supplier's failure to complete his obligations under the CAMC contract.
- j. The performance security (PBG) shall be in the form of Bank Guarantee issued by a scheduled Bank and in the form provided in Bid Document. The performance security Bond will be discharged by the Purchaser after completion of the supplier's performance obligations under the CAMC.
- k. CAMC CHARGES AND PAYMENTS:

The following procedure shall be followed for paying the SUPPLIER the charges for the services rendered by the SUPPLIER under this Agreement.

1. RVPN shall not pay any charges in advance.
2. Bills for CAMC shall be paid by RVPN at the end of each quarter, after successful execution of the works to the satisfaction of the officer Incharge at all the three locations normally within 30 (thirty) days of the receipt of the bills duly completed.

6.10 FORFEITURE OF PERFORMANCE SECURITY/ SECURITY DEPOSIT

Forfeiture of Security Deposit: Security amount in full or part may be forfeited in the following cases: -

- a) When the terms and conditions of contract is breached.
- b) When the bidder fails to make complete supply satisfactorily.
- c) When contract is being terminated due to non-performance of the Supplier.
- d) Notice of reasonable time will be given in case of forfeiture of security deposit. The decision of the Purchase Officer in this regard shall be final.

Failure of the successful bidder to comply with the requirement of the contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the purchaser may make the award to the next lowest evaluated bidder or call for new bids.

6.11 LIQUIDATED DAMAGES

For delayed supply and installation, the penalty @1/2% per week or part thereof subject to Max. 10%.

The above liquidated damages clause is subject to any force majeure situation beyond the control of tenderer.

To invoke the benefit of provision of force majeure, sufficient notice of one week should be given.

The purchaser will not be liable to prove the quantum/amount of losses for the purpose of calculation/ levy of damages.

6.12 OTHER TERMS AND CONDITIONS SHALL BE AS PER THE PURCHASE MANUAL OF RVPN.

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TENDER FORMS

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Tender Form 1: Tender Letter Performa

(Part of Technical Bid)

To

The Superintending Engineer (MIS)

RVPN, Vidyut Bhawan

Jaipur

Sir,

Sub: Invitation for **BIOMETRIC TIME ATTENDANCE SYSTEM**

The undersigned Tenderer, have read and examined in detail, all the tender documents in respect of supply and installation of Biometric Attendance System as specified in the scope of work

Correspondence details:

Our correspondence details are:

1	Name of the Tenderer	
2	Address of the Tenderer	
3	Name of the contact person to whom all references shall be made regarding this tender	
4	Designation of the contact person to whom all references shall be made regarding this tender	
5	Address of the contact person to whom all references shall be made regarding this tender	
6	Telephone (with STD code)	
7	E-mail of the contact person	
8	Fax No (with STD code)	

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Tender Form 2: Minimum Eligibility

(Part of Technical Bid)

The Agency should not include the figures of the subcontractors for Tender form 3

1	Name of the Firm/Agency			
2	Year of Registration/Incorporation *			
3	Number of Employees as on March 31, 2011.	Hardware	Software	
		FY 2008-09	FY 2009-10	FY 2010-11
	Annual Turnover*			
	Annual Profits*			

*Enclose a copy of Registration Document

*Enclose a copy of Audited Financial Statement

In case of any difference of Lump sum amount in figures & words, the amount in words would be considered.

Witness:

Agency:

Signature _____

Signature _____

Name _____

Name _____

Address _____

Designation _____

Date _____

Company _____

Date _____

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**GENERAL TECHNICAL SPECIFICATIONS AND OTHER PARTICULARS OF
BIOMETRIC ATTENDANCE SYSTEM against TN – 3/2011-12**

I) **Fingerprint Biometric Machine with/WO Acrylic cover case**

S. No.	Service / Particular	Mandatory Requirements Standards / Indicator
	Manufacturer Name and Model No.	
1.	Central Processing Unit	Central Processing Unit greater than 80 MHZ, 32 bit RISC and ARM CPU with DSP
2.	Communication ports	Communication Port - TCP/IP, RS-232, RS-485, USB Support, 2 I/O inputs (for Relay), access control, GPRS (GSM) Connectivity (optional); Serial Port Communication rate programmable from 9.6 to 56 kbps; Communication with host PC upto a distance of 1.2 Km scalable to longer distance.
3.	Firmware	Flash Firmware for Updates and Upgrades.
4.	Real Time Clock, Calendar and Key pad.	On Board Clock & Calendar for time & Day Based control & operation (RTC Required) with LCD Screen having min. 16 char * 4 line key pad Display.
5.	Transaction Storage Capacity	Greater than 30000 Transaction Storage capacity in panel's memory in off Line mode with a priority to Alarms & Commands. The buffer of Transactions is automatically downloaded and cleared on connection to PC.
6.	User capacity (Min.)	User capacity 2000/500 with 2 finger print template for each user
7.	Optical Sensor	Rugged Optical Sensor with minimum 500 dpi resolution (Scratch Proof)
8.	Use mode	Use mode facilitates configuring of user individually for particular mode of operation. Finger only; Finger + card; Card only.
9.	Verification mode	Finger Modes should facilitates other sub-modes of operation e.g. always check mode, thick & thin random check etc. based on inbuilt Algorithm; Should have 1:1 & 1:N option with RFID card support; Reader capable to read any no. of cards in a row without offering delay and having a contact less read range up to 3 “
10.	Verification time	Verification time less than 2 second with 2000 or more users and 2 fingerprint in a device database
11.	Operating Temperature	Operating temperature -10 to 55 degree C
12.	Audio & visual control	Reader inputs for entry & exit purpose with audio & visual control; All system commands, status, alarms & data are reported to PC.
13.	Audio & visual indication	Audio & visual indication of user present and Authorization
14.	False Rejection Ratio(FRR)	<0.001%
15.	False Acceptance ratio (FAR)	<0.0001%
16.		Compatible to digital video recorder for capturing video
17.		Supports windows (Win 2003 & above) OS on host PC
18.	Power Backup	Self contained power back up (up to min 120 minutes) with inbuilt battery charger with full load battery testing & thermal overload protection with Lithium Battery;
19.	Acrylic cover case (Optional)	4 mm thick transparent Acrylic cover case with lock and key. The cover case should cover the FBM machine and should not allow anybody to operate the keypad. It should be designed in such a way that the user should be able to insert and press her/his finger on the sensor easily. Sides of the acrylic cover case should not touch the FBM and put pressure on it so as to harm the product.

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21

II) Fingerprint Enrolment, Card Registration and web based Attendance monitoring Software

S. No.	Service / Particular	Mandatory Requirements Standards / Indicator
	Manufacturer Name	
i)	Web based Software Features	Web Based menu driven time office, Access control & HR management software having Application front end in ASP.NET and Backend Database as SQL SERVER/ORACLE. Supports MS Windows 2003/2008 server active directory and other Operating Platforms such as XP and Windows 7 (32 bit & 64 bit)
1.		N number of user definable Operators with individual privileges having individually programmable and changeable password.
2.		Accepts data for multiple companies from one Panel distributes the data to relevant companies automatically so that one panel can serve multiple companies.
3.		Accepts data for multiple panels installed local or on a WAN for same company or for multiple companies of group.
4.		Password secured database for data security. Multilevel password protection
5.		User definable shifts with individual in and out time, weekly off, second weekly off, mid day break starting & end time & grace period.
6.		User definable night shift with all features as above.
7.		User definable shifts rotating automatically after predefine no. of days in 3 shift or 2 shift patterns
8.		Manual rotation of shift superseding the automatic rotation.
9.		User definable Departments, Designations and employees category.
10.		User definable employee category based weekly off criterion such min. no. of days presence required to be eligible for weekly off or compulsion of being present on Saturday and/or Monday.
11.		User definable employees category based lunch hour inclusion or exclusion in total hour worked.
12.		User definable employee category based calculation of overtime hours.
13.		User definable lean time after shift end time to calculate over time hours.
14.		User definable no. of holidays, no. of restricted holidays, time calculation based on actual working or In-Out timings.
15.		User definable sort order and detailed information in attendance reports.
16.		User selectable option to show employee photo while data is being imported into the software to monitor proxy Attendance.
17.		User definable type of leaves as per the rules and user definable access to musters & reports
18.		User definable leave applicability or un-applicability to different categories of employees for different type of leaves.
19.		User definable leave rules for employees on contract, probation, temporary & daily workers.
20.		User definable holiday list and its applicability to different categories or employees.
21.		User definable rules to apply auto leaves in case of employing reporting late, leaving early with programmable grace hours and reoccurrence frequency monthly basis.

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22.		User definable leave criteria and conditions.
23.		User definable leaves encashment and carry forward rules.
24.		Automatic leave credit based on year starting or working days.
25.		Maintains leave records and balances.
26.		Capability to handle fraction leaves such as half days.
27.		Cancellation or reduction of leaves if an employee returns earlier than decided leave days.
28.		Leave management if the employee overstays than sanctioned leave.
29.		Exhausted employees master data base sorting information such as employees code, access card no., name, father's name, date of birth, date of joining, present & permanent address , department, designation, grade, category, employee status, working shift, employee photo, signature or thumb impression or gender.
30.		Employee data base also has option to store personal data such as marital status, name of spouse, bank A/C no., bankers name, PAN no., qualification details, blood group etc. So that data may be used by any ERP or payroll system.
31.		The software shall be scalable to third party panels.
32.		The software shall be scalable to contractors and piece rate workers also.
33.		All are user definable and changeable as and when a new rule comes in force. The user can define a date also from which the rule will be in force. The software will affect all changes automatically from the applicable date.
34.		Log maintenance for all important manual changes made by users.
35.		Manual override for entry of time in case a card is lost or forgotten by authorized personnel
37.		The data can be re-processed if any change is enforced in any of the rules effective from retrospective date.
38.		On line Finger Print management System including finger transfer, finger addition, Finger deletion & Modification.
39.		Admin module for controlling the rights and access to the office wise employee data and their leave records; Uses right management to view attendance individually.
ii)	User Reports	Online reporting with 2 level hierarchy and Exhaustive time office reports such as:
1.		Multiple summary reports for management based on department, designations or individual.
2.		Reports such as leave register, Leave, Overtime, , Employee In-Out timing and movement, attendance sheet, late comers, early out, absence, monthly attendance, quarterly, half yearly & yearly and employee yearly reports based on timings.
3.		Reports on All fingerprint, valid fingerprint, Odd fingerprint, Unauthorized fingerprint.
4.		Customized report designed by user. Any other custom reports as and when required by respective units.
5.		User can plan his own reports according to his requirements
6.		All reports can be exported into any RDBMS such as MS ACCESS or SQL for linking to other applications.
7.		All reports can be exported to MS Word or MS EXCEL and for E-MAIL purpose.
8.		All standard periodic Time Management and MIS Report department wise, company wise, Shift-wise or Employee wise, cadre wise on a daily/weekly/monthly/Yearly basis.
9.		Automatic, Manual or scheduled backup can be programmed. The backup can be stored on the same PC, any PC in LAN or WAN network.
10.		Duty charts are generated based on shift rotation.

Handwritten signature/initials

iii)	Primary visitors management system	Primary visitors management system included to issue pass, insert information, check in / checkout information etc.
iv)	Online leave module	Online Leave application facility and authorization facility.
v)	Integration with Reader Machine	Real time Machine Status and Automatic mail generation on failure of machine to Administrator

III) Thin proximity RFID Cards Inlays

S. No.	Service / Particular	Mandatory Requirements Standards / Indicator
	Manufacturer Name and Model No.	
	ISO thin proximity RFID Cards Inlays	Proximity thin or clamshell card using contact less RFID technology. Card can be used as a person's personal identity.

IV) Server with LCD monitor

S. No.	Service / Particular	Mandatory Requirements Standards / Indicator
	Manufacturer Name and Model No.	
1	TYPE	Server Intel Xeon One Processor Quad Core Rack Mounted configuration
2	CPU	Intel Xeon X3430 Quad Core processor 2.4 GHz or better with 8 MB L3 cache Memory or better
3	Motherboard	Intel 3400 Series or equivalent OEM Motherboard should be capable of 1333 MHz FSB
4	Slots	1 PCI x/PCI Express slots
5	Memory	4 GB ECC 800 MHz DDR3 RAM and min. 4 DIMM slots
6	Hard Disk Drive	2 x 320 GB or higher Enterprise Class SATA HDD 7200 RPM with 1.2 million hrs MTBF at 100% duty cycle and vibration operating tolerance (Random 0.008 g ² /Hz, 10-300Hz) and (Linear 20-300Hz, 0.75G, 0-Peak)
7	RAID Controller	Four Port RAID Controller for RAID 0/1
8	Monitor	43.2 cm (17") TFT/wide TFT, TCO-03 or TCO-99 Certified.
9	Video Controller	To support VGA or above resolution
10	Keyboard	101 Keys Keyboard
11	Mouse	Optical Mouse
12	Bays	Minimum 2 Internal
13	Ports	Min. 3 USB Port, 1 Serial Port
14	Cabinet	Rack Mounted
15	Certifications	Windows, Red Hat or Novell certified, Compliance & Support
16	CD - R/W & DVD ROM	Combo 16x10x24 CD R/W and 8xDVD ROM
17	Networking	Dual LAN (10/100/1000) Network Card with asset Features tracking and security management, remote wake up
18	Power Management	Screen blanking, hard disk and system idle mode in power on, set up password, power supply surge protected.

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V) Online 2 KVS UPS

S. No.	Service / Particular	Mandatory Requirements Standards / Indicator
	Manufacturer Name and Model No.	
1	On-Line UPS with isolation transformer suitable for single phase AC input & single phase AC output, Floor Mounted Type	Rating of UPS: 2.0 KVA, 0.8 pf; Indicative Back-up time: 30 Minutes with SMF Battery Specification: On-line UPS with isolation transformer & with PWM Technology, Floor mounted type suitable for single phase AC input voltage 160V to 280V, 50+/-1.5Hz and single phase AC output voltage 230+/-1%V, 50+/-0.5Hz. It shall be housed in a rugged enclosure made of M.S Sheet 1.2 mm (minimum) thick, aesthetically finished, duly pretreated and powder coated.

VI) Dual Side Colour card printer (Euolis/Zebra make)

S. No.	Service / Particular	Mandatory Requirements Standards / Indicator
	Manufacturer Name and Model No.	
1		Color printing module, 300 dpi printhead (11.8 dots/mm), USB connection, Option for Ethernet TCP-IP connection, 16 MB RAM, Flip-over station for dual-sided printing, Detachable feeder with a capacity of 100 cards (0.76 mm - 30 mil), Output hopper with a capacity of 100 cards (0.76 mm - 30 mil), 1-Button and 4-LED control panel.
2	Print modes	Color dye sublimation and monochrome thermal transfer; Enhanced color management system for top quality pictures; Edge-to-edge printing; Dual-sided printing; Integrated ribbon saver for monochrome printing.
3	Printing speed	Color 1 side: 150 cards/hour; Color 2 sides: 125 cards/hour; Monochrome 1 side: up to 1000 cards/hour; Monochrome 2 sides: up to 350 cards/hour
4	Supported platforms	Windows™ 7 (32 & 64 bits), XP and Vista (32 & 64 bits); Windows 2003 Server and Windows 2008 drivers
5	Software to be supplied	eMedia Card Designer Software for designing and editing badges Compatible with Windows™ 7, XP, 2003 and Vista and Connection to Microsoft™ Excel database

VII) Desktop Computer

S. No.	Service / Particular	Mandatory Requirements Standards / Indicator
	Manufacturer Name and Model No.	
1	CPU	Intel Core i5-650, 3.2 GHz, 4 MB L3 Cache. (Intel v Pro Configuration)
2	Chipset	Intel Q 57 or better on OEM Motherboard.
3	Bus Architecture	Integrated Graphics, 2 PCI, 1 PCI Express x 1 and 1 PCI Express x 16.
4	Memory	2 GB 1066 MHz DDR3 RAM with 8 GB Expandability
5	Hard Disk Drive	500 GB 7200 rpm Serial ATA HDD
6	Monitor	Min. 47 cm (18.5 inch) TFT Digital Colour Monitor TCO-05 certified
7	Keyboard	Min. 104 keys
8	Mouse	Optical
9	Bays	4 Nos. (2 Nos. 5.25 inches for Optical MediaDrives and 2 Nos. 3.5 inches for Hard Disk Drives).

2) 28

10	Ports	6 USB Ports (with at least 2 in front) , audio ports for microphone and headphone in front
11	Cabinet	Mini Tower
12	DVD writer Drive	8X or better DVD writer Drive
13	Networking facility	10/100/1000 on board integrated Network Port with remote booting facility remote system installation, remote wake up, out of band management using any standard management software
14	Operating System	Windows 7 Professional preloaded with Media and Documentation and Certificate of Authenticity
15	OS Certifications	Windows 7 OS certification
16	Power Management	Screen Blanking, Hard Disk and System Idle Mode in Power On, Set up Password, Power supply SMPS Surge protected.
17	Preloaded Software	Norton Antivirus (Latest Version) with 3 years License.

VIII) Scanner – A 4 type

S. No.	Service / Particular	Mandatory Requirements Standards / Indicator
	Manufacturer Name and Model No.	
	Make HP/ Canon	Document Scanner - A4/Legal size - Resolution in dpi: 600x600, Speed in PPM: 8, ADF Capacity: 30, Flat Bed Size: A4, Document Size: Legal through ADF

IX) CCD Day/Night, IP Based Camera (Make Sony /Samsung / HIK Vision / Bosch / LG)

S. No.	Service / Particular	Mandatory Requirements Standards / Indicator
	Manufacturer Name and Model No.	
1	Image Sensor:	1/3" Super HAD CCD
2	Effective Pixels: (Min.)	PAL:500(H)x582(V); NTSC:510(H)x492(V)
3	Signal System:	PAL/NTSC
4	Minimum Illumination:	0.1Lux @ F1.2,AGC On (0 Lux With IR)
5	Electronic Shutter Speed:	1/50 (1/60)s~1/100,000s
6	Lens:	6mm @ F1.8
7	Lens Mount:	M12
8	S/N Ratio:	More than 48Db
9	Video Output: (Min.)	420TVL, 1Vp-p Composite Output (75 Ohm, BNC)
10	Video Compression:	H.264 or MPEG-4
11	Max Image Resolution: (Min.)	PAL:704x576; NTSC:704x480
12	Motion Detection:	Support
13	Dual Stream:	Support
14	HeartBeat	Support
15	Password Protection:	Support
16	Protocols	TCP / IP, HTTP, DHCP, DNS, RTP / RTCP, PPPoE (FTP, SMTP, NTP, SNMP optional)
17	Communication:	1 RJ45 10M/100M self adaptive Ethernet port and 1 RS-485 interface
18	Audio Input:	1channel (2.0 ~ 2.4Vp-p, 1KOhm)
19	Audio Output:	1 channel (Line level, 600Ohm)
20	Housing	For outdoor (Weather Proof: IP66) / For indoor (Dome Housing)

3) 24

X) Network Video Recording system (Make Sony /Samsung / HIK Vision / Bosch / LG)

S. No.	Service / Particular	Mandatory Requirements Standards / Indicator
	Manufacturer Name and Model No.	
1	IP Video Input: (Min.)	16-ch 4CIF/8-ch 720P/4- ch UXGA Real Time,
2	Voice Talk Input: (Min.)	2-ch, BNC(2.0Vp-p, 1kΩ)
3	CVBS Output: (Min.)	2-ch, BNC(1.0Vp-p, 75Ω) Resolution: 704 × 576 (PAL); 704 × 480 (NTSC)
4	HDMI Output: (Min.)	1-ch, resolution: 1024×768/60Hz, 1280×1024/60Hz, 1920×1080/60Hz
5	VGA Output: (Min.)	1-ch, resolution: 1024×768/60Hz, 1024×768/70Hz, 1280×1024/60Hz
6	Audio Output: (Min.)	2-ch, BNC(Linear Electrical Level, 600Ω)
7	Synchronous Playback:	16-ch
8	Hard Disk :Interface Type: (Min.)	8 SATA interface
9	Capacity:	Each interface supports more than 2TB capacity
10	Network Interface:	1RJ-45, 10/100Mbps self-adaptive Ethernet interface
11	Serial Interface:	1 RS232 serial interface, 1 RS485 serial interface, 1 keyboard 485 serial interface
12	USB Interface:	Min. 3, USB 2.0
13	Alarm In:	16-ch
14	Alarm Out:	4-ch
15	HDD (Min.)	2 TB included

XI) Preparation of integration software with Payroll software

S. No.	Service / Particular	Mandatory Requirements Standards / Indicator
A	Integration with existing IMIS application of RVPN	In RVPN, customized web based and roll based software (IMIS application) in Dot Net technology using SQL 2005 database has been got developed and is operational. One of the modules is payroll module, where the leave details are being captured and pay roll is prepared accordingly. Data migration from the attendance software and integration with RVPN payroll module is required by developing a suitable interface.
B	Future Integration with Payroll applications of other Four Power Sector Companies	Data Integration with Payroll of JVVNL, JdVVNL, RVUNL, AjVVNL companies may be done with the help of software vendor of the concerned companies by developing a suitable interface.

21 26

XII) Training & capacity building

S. No.	Service / Particular
	Sufficient training at Vidyut Bhawan, AVVNL and JdVVNL Co-orporate Offices covering all the offices at that premises is required to be taken. Training will ensure adequate knowledge transfer to the nodal officers/users, responsible for operation the developed system, so that they will be proficient to provide management and support of all the software/System. No charges will be given to supplier for any training during whole warranty period.

XIII) Facility Management System (FMS) during the Post warranty Period for three years

S. No.	Service / Particular	Mandatory Requirements Standards / Indicator
	Comprehensive Annual Maintenance Contract (CAMC) for 3 years after warranty period of one year	Inclusive of all the spare parts and services required for the Maintenance of Biometric Attendance System developed by the firm to keep the system in operation.
		Includes preventive maintenance of the full system.
		Contractor should have a team of qualified Engineers/Technicians for undertaking repairs.
	Dedicated Man Power	Services of one Man Power provided during the warranty period (free of cost) can be extended for three years on chargeable basis, if required.
		The Contractor should have Jaipur based office and workshop for repairing of the faulty Biometric Attendance System
		If location/premises of Biometric Attendance System are changed, the contractor will provide the Maintenance services at new place also.
	Standby machine	Contractor should have at sufficient Biometric Attendance readers at all the three premises so that the same can provided as a standby machine, if required. In case the System is not repaired within 48 hrs. of reporting of fault, the bidder shall be required to provide a standby Biometric Attendance System till the Biometric Attendance System under contract is repaired and brought into normal operation.
		The contractor shall use only genuine spare parts for replacement; Cannibalisation of spare parts is not permitted.
	Penalty for delay in attending to faults	In case the Biometric Attendance System is out of order for more than 48 hours after it is informed to the contractor by the authorised person and no standby system is provided then purchaser will get the faulty machine repaired through another firm/agency and any loss thus incurred by RVPN will be recovered from the contractor.

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REQUIREMENT SCHEDULE

The requirement of Biometric Attendance Readers, Software and Peripherals to be supplied and installed at Jaipur, Ajmer and Jodhpur office premises are as under.

Sr. No.	Description of Material	Quantity in Nos.
1.	Fingerprint Biometric Machine with/WO Acrylic cover case having Cable LAN/GSM/USB Pen Drive Connectivity.	52
2.	Enrolment Station: For enrolling the Users with Biometrics & Smartcards	3
3.	Fingerprint Enrolment, Card Registration and web based Attendance monitoring Software	3
4.	Thin proximity RFID Cards Inlays	4500
5.	Server with LCD monitor	3
6.	2 KVS UPS (Online) with 30 minutes backup	3
7	Dual Side Colour card printer	3
8	Desktop Computer	3
9	Scanner –A 4 type	3
10	CCD Day/Night, IP Based Camera	27
11	Network Video Recording system	3

Note: The quantity can be increased / decreased to any extent as per the site condition/requirement.

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SUPPLY & PERFORMANCE CERTIFICATE

It is to certify that M/s. _____ has supplied the following materials for the quantities indicated against each.

S. No.	Order no. & date	Designation & address of order placing authority / User	Description of material	Quantity	Date of Installation	Performance of material.

The above-mentioned material installed in our system and its performance is found satisfactory over a continuous period of _____ months.

Date of issuing _____

Signature of issuing authority with seal
Name and Designation of issuing authority
Address along with Phone No. and
Fax no. of issuing authority

NOTE: In case of those bidders who have supplied the similar or higher rating material to RVPN shall furnish the details of such supplies in the above proforma which shall be signed by their authorized signatory along with seal and certificates is not required from the Purchaser / User in respect of such supplies.

2

2

DELIVERY SCHEDULE

The delivery schedule of the material shall be as mentioned here under:-

Note: The above delivery schedule can be revised by the purchaser at his discretion.

S. No.	Particulars of Material	Commencement Period	Date of Supply	Period for completion of delivery of entire material
1.	Fingerprint Biometric Machine with/WO Acrylic cover case having Cable LAN/GSM/USB Pen Drive Connectivity.			
2.	Enrolment Station: For enrolling the Users with Biometrics & Smartcards			
3.	Fingerprint Enrolment, Card Registration and web based Attendance monitoring Software			
4.	Thin proximity RFID Cards Inlays			
5.	Server with LCD monitor			
6.	2 KVS UPS (Online) with 30 minutes backup			
7.	Dual Side Colour card printer			
8.	Desktop Computer			
9.	Scanner –A 4 type			
10.	CCD Day/Night, IP Based Camera.			
11.	Network Video Recording system			

Signature

Name & Designation with
Seal of the firm




**GUARANTEED TECHNICAL AND OTHER PARTICULARS OF TECHNICAL
SPECIFICATIONS AND OTHER PARTICULARS OF BIOMETRIC ATTENDANCE
SYSTEM against TN – 3**

Tenderer is required to sign each page of attached technical particulars as per Appendix – I in confirmation to supply the material strictly according to same.

✓ B

The tenderer shall state under this schedule the departures from the purchaser's specification in respect of Technical Specification:-

S. No.	Purchaser's Specification Clause Ref.	Deviation from the Specification
<hr/>		

Certified that we agree to all technical specification of NIT accept except for the deviation to the extent indicated above.

(Signature)
Name & Designation
with Seal of the firm.

6

✓

DEPARTURE FROM COMMERCIAL TERMS & CONDITIONS OF THE SPECIFICATION.

The tenderer shall state under this schedule the departures from the purchaser's specification in respect of commercial terms & condition:-

S. No.	Purchaser's Specification Clause Ref.	Deviation from	Specification
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Certified that we agree to all commercial terms & condition as laid down in general condition of contract of the Specification except for the deviation to the extent indicated above.

(Signature)
Name & Designation
with Seal of the firm.

3 24

LIST OF PAST SUPPLIES

The tenderer shall state under this schedule whether materials and equipments, similar to those offered in the tender have been previously supplied by him. A list shall be given of such orders executed by him together with the information regarding the name of purchasing organisation, quantities supplied and when the supplies were effected. This list should be in the form given below

S. No.	Detailed particulars of Reader supplied	Qty. in Nos.	Order No & date.	Name & details of purchasing authority.	Date of completion.
1.	2.	3.	4.	5.	6.

i) It is certified that the information furnished above is correct to the best of my knowledge and we are liable for action if any information is found incorrect.

ii) In support of above details we are enclosing the performance certificates from the purchaser / consignee.

(Signature)
Name & Designation
with Seal of the firm

2 6

SCHEDULE-IV

**FORM OF TENDER (PRICE SCHEDULE) FOR SUPPLY AND INSTALLATION OF
BIOMETRIC ATTENDANCE SYSTEM AND PERIPHERALS
AGAINST SPECIFICATION NO.RVPN/SE/MIS /TN - 03**

(Must be filled-in by the Tenderer and returned with the Tender IN A SEPARATE SEALED ENVELOPE)

To
The Superintending Engineer (MIS),
RVPN, Jaipur.

Dear Sir,

With reference to your invitation of tender against your specification No. RVPN/SE/ MIS/ TN - 03, our prices are given as below:-

S.N.	Particulars of Item	Tendered Quantity	Unit Price in Rs.	Total FOR-D price Including Inst. Commissioning etc.
1	Fingerprint Biometric Machine with Acrylic cover case having Cable LAN / USB Pen Drive Connectivity.	49		
2	Fingerprint Biometric Machine with Acrylic cover case having Cable LAN/GSM/USB Pen Drive Connectivity.	3		
3	Enrolment Station: For enrolling the Users with Biometrics & Smartcards	3		
4	Fingerprint Enrolment, Card Registration and web based Attendance monitoring Software	3		
5	Thin proximity RFID Cards Inlays	4500		
6	Server with LCD monitor	3		
7	2 KVS UPS (Online) with 30 minutes backup	3		
8	Dual Side Colour card printer	3		
9	Desktop Computer	3		
10	Scanner -A 4 type	3		
11	CCD Day/Night, IP Based Camera.	27		
12	Network Video Recording system	3		
13	Facility Management System (FMS) (Comprehensive Annual Maintenance Contract (CAMC)) for 3 years after warranty period of 1 year			

Note:

- (i) The per unit price/cost are F.O.R. destination price and are FIRM in all respect and inclusive of supply, packaging, forwarding, freight, transit, storage, insurance charges, installation charges with all taxes, duties & levies including erection, commissioning, testing, customisation and integration of whole system.
- (ii) The prices quoted above are valid for a period of 120 days from the date of opening of this tender.

Yours faithfully,

Place : (Signature)
Date : Name & desig. with seal of the firm.

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