

**Tender Ref. No: SMVDU/NW/S&P/2017/ 94      Date 09 May 2017**

## **Open Competitive Bidding**



## **TENDER DOCUMENT**

### **FOR**

**Supply, Installation, Integration & Testing of  
Biometric Time Attendance (TA) and  
Access Control System and Components with software at  
SMVDU.**

# **Shri Mata Vaishno Devi University**

SMVDU Campus, Sub Post Office -182320, Katra, Distt. Reasi, J&K  
01991-285535, 285634, Extn. 2108

**Last Date for Submission of Tender Document:  
31 May, 2017**

**Supply, Installation, Integration & Testing of  
Biometric Time Attendance (TA) and  
Access Control System and Components with software at  
SMVDU.**

Interested Bidders may visit [www.smvdu.ac.in](http://www.smvdu.ac.in)

**For details please contact:**

## **I/c Network Centre**

### **Shri Mata Vaishno Devi University**

SMVDU Campus, Sub Post Office -182320, Katra, Distt.Reasi, J&K

01991-285524, 285634, 285535Extn.2307

Email: [icnetwork@smvdu.ac.in](mailto:icnetwork@smvdu.ac.in)

## INDEX

1.0	<b>Tender Notification</b>		4
	1.1	General	5
	1.2	Required Biometric Time Attendance System	5
2.0	<b>Qualification Criteria</b>		6
	2.1	Eligibility of the Bidder	6
	2.2	Track Record of installations	6
	2.3	Bidder Declaration for not Blacklisted	6
3.0	<b>Instructions to Bidders</b>		6
	3.1	Schedule of Requirements	6
	3.2	Terms and Conditions	7
	3.3	Offer Validity Period	7
	3.4	Address for Communication	7
	3.5	Tender Scrutiny	7
	3.6	Clarifications on Offers received	7
	3.7	Eligibility criteria for tenderers	8
	3.8	No Commitment to Accept the Lowest or Any Offer	8
	3.9	Documentation	8
	3.10	Format of Offer	8
	3.11	Cost & Currency	8
	3.12	Fixed Price	9
	3.13	Negotiation	9
	3.14	Completeness of Installation	9
	3.15	Performance Bank Guarantee	10
4.0	<b>Terms and Conditions</b>		10
	4.1	Payment Terms	10
	4.2	Delivery, Installation and Commissioning	10
	4.3	Liquidated Damages	10
	4.4	Order Cancellation	11

	4.5	Biometric Systems/Component Estimation	11
	4.6	Product Warranty and Support	11
	4.7	Terms of Execution of Contract	11
	4.8	Indemnity	11
	4.9	Publicity	11
	4.10	Guarantees	12
	4.11	Force Majeure	12
	4.12	Resolution of Disputes	12
	4.13	Jurisdiction	12

## **5.0 Annexure**

5.1	Annexure A – Covering Letter Format	13
5.2	Annexure B – Details of the Bidder	14
5.3	Annexure C – Compliance of Technical Specifications	15-20
5.4	Annexure D – Bill of Material	21-22
5.5	Annexure E– Check List by the Bidder	23

## 1.0 Tender Notification:

The Registrar, Shri Mata Vaishno Devi University, invites tender offers from eligible, reputed manufacturers and/or their authorized dealers/SI for Supply, Installation, Integration, Testing and support of Biometric Time Attendance (TA) and Access Control System and Components with software in various buildings in Shri Mata Vaishno Devi University Campus as specified in Schedule of Requirement of this tender.

Tender document may be downloaded from Shri Mata Vaishno Devi University website ([www.smvdu.ac.in](http://www.smvdu.ac.in)) by interested eligible bidder. Any subsequent amendments in the tender document will be available on above mentioned website. Important dates and details are given below.

Tender Reference	SMVDU/NW/S&P/2017/94 Date 09 May, 2017
Name of the University	Shri Mata Vaishno Devi University
Name of the Project	Supply, Installation, Integration & Testing of Biometric Time Attendance (TA) and Access Control System and Components with software
Tender Type	Open
Tender Processing Fee (Non-Refundable)	<b>Rs.1000 /- (Rupees One Thousand Only ) in the form of demand draft drawn in f/o Registrar, SMVD University.</b>
Earnest Money Deposit (EMD)	<b>@ 2% of total value of the items / equipments (To be enclosed in separate cover)</b>
EMD/Bid Security Payable To	In the form of DD, drawn on a nationalized bank in favour of "Registrar, SMVDU" payable at Jammu.
Delivery/ Installation Period from the date of Purchase order	30 Days
Publication and Downloading of tender document starts from	12 May 2017 10:00AM
Last Date for downloading of tender documents	31 May 2017 upto 2:00PM
<b>Last Date for submission of Tender documents in complete</b>	<b>31 May 2017 at 3.00 PM</b>

Bid Submission	In person /By Registered /Speed Post. However, for postal delay, University cannot be held responsible.
Date and Time of Opening of Technical Bid	<b>31 May 2017 at 3:30 PM</b>
Date and Time of Opening of Commercial Bid	<b>Will be intimated later on</b>
Place of Tender for opening	Committee Room, Administrative Block, SMVDU Campus, Sub Post Office-182320, Katra, J&K
Validity of quoted Prices	60 days
Shri Mata Vaishno Devi University Website	<a href="http://www.smvdu.ac.in">www.smvdu.ac.in</a>
Contact Numbers	Phone: 01991-285524, 285634, 285535 Ext. 2307 9622885588 Email: <a href="mailto:icnetwork@smvdu.ac.in">icnetwork@smvdu.ac.in</a>

Procedure for submission	Eligible Tenderers are required to submit their proposals in two bid format – one sealed envelope containing Technical bid and the other sealed envelope containing financial bid. Both the <b>(Technical bid and Financial Bid)</b> envelopes should be kept in another envelop which should be properly sealed. All the envelopes should be named respectively. The technical bid shall contain Technical information of the proposal. Tender fee and EMD in the form of separate Demand Draft should be enclosed along with technical bids and must be put up in the envelope containing Technical Bid. <b>Tender No &amp; Date, Last Date</b> for submission of tender should be super scribed on the envelops itself. Name of the tenderer along with contact No. must be mentioned on the Envelop itself. Tenders shall be submitted exclusively in person /By Registered /Speed Post.
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*Note: If any tenderers wish to participate in the opening of technical bid / financial bid. The tenderers must bring the authorization letter from their firm / company for participation in the opening of sealed tenders.*

- Detailed Technical Specifications, Terms and Conditions, Scope of Work, various format and Performa for submitting the details are described in this tender document and its **Annexure.**
- Do not change this tender document. Any change/s made in the tender document by the bidder will lead to disqualification. Such offers will be rejected.

## 1.1 General

Shri Mata Vaishno Devi University campus is spread over 470 Acres of land comprising of several buildings to house various teaching departments, offices, Hostel, Guest-House, convention centre , Residential Buildings etc.. The University has ‘Gigabit’ Optical Fiber Campus-Wide backbone and ‘Gigabit’ UTP Local Area Network (LAN) infrastructure in various university buildings. A Network Centre hosting servers and central switching equipment and act as the main HUB for monitoring the entire campus wide LAN. The SMVDU NETWORK consists of building-wise VLANs) and are connected to a central switch. The Biometric systems are to be integrated with SMVDU NETWORK for their efficient and reliable operation.

## 1.2 Required Biometric Time Attendance & Single Door Access Control Systems & Components:



Shri Mata Vaishno Devi University is in the process of establishing a state of the art campus wide Biometric Time Attendance and Single Door Access Control System. It is planned to install a Biometric TA system in all the University buildings to record the employee's attendance. A single door access control system is to be installed at a few selected areas to monitor and control the access in the area.

1. The Equipments should be capable to provide efficient attendance monitoring of the University employees.
2. All the Equipments should adhere to latest International Standards.
3. All Devices and Equipments should be installed, configured, integrated and tested as required. It is planned to provide power supply to Biometric devices from existing UPS power system, installed for SMVDU NETWORK in each building. Schematic showing connecting biometric device with LAN Switch and UPS power supply system is shown below.
4. Two hard copies of detailed technical & installation documents along with a softcopy are to be provided.
5. All Biometric Device manufacturers and bidders should offer warranty as per terms and conditions of this tender.
6. The entire work of supply, installation, configuration, integration and testing should be completed to the satisfaction of the Registrar, Shri Mata Vaishno Devi University, Katra, Jammu.
7. The bidder may visit Shri Mata Vaishno Devi University for any clarification on any working day between 9.00 hrs to 17.00 hrs with prier appointment (9086261284).

## **2.0 Qualification Criteria**

### **2.1 Eligibility of the Bidder**

The bidder submitting the offers should have sound financial condition as judged by the University for this purpose. A copy of last two financial years' relevant audited balance sheets, PAN, TIN nos., must be submitted with the offer. The bidder should be in business of supply and installation of **Biometric** Time Attendance and Access Control Systems & components for **at least 2 (Two) years in India**.

### **2.2 Track Record of installations**

The bidder should have carried out **Biometric** Device installations of at least ONE or TWO TIMES the quantities of the items being in the current tender in any of the last two financial years to the Universities or Research organizations or Institutes of repute

or Industry. It is required that these orders should be for supply, installation, integration & Testing of **Biometric** Time Attendance and/or Access Control Systems & components. Enclose all supporting documents.

### **2.3 Bidder Declaration for not Blacklisted**

The Bidder should not be blacklisted/banned/declared having delivered dissatisfactory performance by any government/semi-government authority in India for supply of materials/carrying out operations and maintenance work/application development.

### **3.0 Instructions to Bidders**

The Technical details and other document including original tender must be submitted in the given format, meeting all the requirements with page number, sign and stamp on every page submitted.

#### **3.1 Schedule of requirements:**

Supply, Installation, Integration with SMVDU NETWORK, Testing and support for Biometric Time Attendance and Access Control Systems & Components, as required in University building/s as per **Annexure-D**. The Bidder has also to provide all support services (Hardware/Software) for the warranty period from the date of completion of installation.

It may be noted that the requirements given in this tender are indicative only and Shri Mata Vaishno Devi University may decide to vary the quantities as required. Shri Mata Vaishno Devi University reserves its right to place an additional order for any / all of the components covered in this tender at the same price and terms within validity of offer.

#### **3.2 Terms and Conditions:**

Terms and conditions for bidders who participate in this tender are specified in the section named "Terms and Conditions". These terms and conditions are binding on all the bidders. These terms and conditions will form part of the purchase order.

The bidder should be agreeable to ALL the terms and conditions specified in the tender document. Conditional offers are liable for outright rejection.

### **3.3 Offer validity Period:**

The offer should hold good for a period of number of days as specified in this tender.

### **3.4 Address for Communication:**

The Registrar,

Shri Mata Vaishno Devi University, Karyal, Katra, -182320 (J&K)

Phone: 01991-285524

### **3.5 Tender Scrutiny:**

Shri Mata Vaishno Devi University will scrutinize the offers received to determine whether they are complete as per tender requirement, whether technical documentation as asked for and necessary to evaluate the offer has been submitted, whether the documents have been properly signed, whether all required support documents are submitted, and whether all the items are offered as per the tender requirements. Offers not meeting the qualification criteria will be rejected.

Shri Mata Vaishno Devi University may, at its discretion, waive any minor non-conformity or any minor irregularity in the documents. This waiver shall be binding on all the bidders and Shri Mata Vaishno Devi University reserves the right for such waivers.

### **3.6 Clarification on Offers received:**

To assist in the scrutiny, evaluation and comparison of technical details, Shri Mata Vaishno Devi University may, at its discretion, ask some or all the bidders for clarifications on the documents. The request for such clarifications and the bidder response will necessarily be in writing or by e-mail communication.

### **3.7 Eligibility Criteria for tenderer:**

1. The Company / the tenderer should be in existence for the last two Years.
2. The Company/ the tenderer should have earlier supplied at least ONE or TWO TIMES the quantities of the items being in the current tender in any of the last two financial years to the Universities or Research organizations or Institutes of repute or Industry.
3. The Company or tenderer should have at least one Service Center in North India.
4. The tenderer should be a Manufacturer or the authorized representative of equipment or other respective products/items.
5. The tenderer / tenderer's group should have a turnover of more than the Bid value of the tenderer in each of the last two financial years.

The decision of the University in the evaluation of bids shall be final. No correspondence will be entertained in this regard. The Selected L1 bidder will have to give a full product demonstration of Biometric TA System with all required hardware, software and accessories. Final order will be issued to bidder for total requirement of Biometric TA and Access Control Systems after successful and satisfactory demonstration only.

### **3.8 No Commitment to Accept the Lowest or Any Offer:**

Shri Mata Vaishno Devi University is under no obligation to accept the lowest or any offer received in response to this tender and reserves its right to reject any or all the offers (part/full) including incomplete offers without assigning any reason whatsoever.

Shri Mata Vaishno Devi University will not be obliged to meet and have discussions with any bidder and / or to entertain any representations.

### **3.9 Documentation:**

The relevant product information, brand and model number offered, printed product brochure, technical specification sheets etc. should be submitted along with the offer. Please note that mentioning make or model number alone is not enough. Complete technical information should be provided.

### **3.10 Format for Offer:**

The **Technical offer** should be made in an organized, structured and neat manner. Brochures/leaflets etc. should not be submitted in loose form. The suggested format for the technical offer is as follows:

- (i) Tender Processing Fee in the form of a DD as mentioned in the tender document.
- (ii) EMD by way of separate DD as mentioned in the tender document.
- (iii) Index
- (iv) Covering letter. This should be as per Annexure-A, on the letter head of bidder.
- (v) Details of the bidder as per Annexure-B on the letter head of bidder.
- (vi) Product Technical Specifications as given in Annexure-C, to be filled in the tender document sheets, and the specification compliance is to be confirmed. Any deviation in the specifications should be clearly mentioned in the column provided.
- (vii) Technical Documentation (Product Brochures/ Technical product document, leaflets, manuals etc.) of products offered should be attached. Bidder should provide the Brand, Model number and part number. Bidder should make sure that all technical specifications complied by him, data should be available in technical documents.
- (viii) The bidder can quote for ANY or ALL options of the Annexure-D. The University will go for ANY ONE option.
- (ix) Option-B (5.4.2) is for INR under High Sea Sale transaction.
- (x) Copies of purchase orders and certificates should be attached.
- (xi) Financial Details (audited balance sheets for the last two years) and other supporting documents, as asked for in the tender document.
- (xii) A list of technical personal should be attached with their names, qualification and experience.
- (xiii) Any other additional documents.
- (xiv) The original tender document duly filled in as required.
- (xv) Commercial offer should **NOT BE** included in the documents submitted to the University.
- (xvi) Check List (**Annexure-E**) by the Bidder to be filled in the tender document sheet.

Bidder should put Page Numbers and Signature with stamp of authorized person on each page of all papers submitted.

### **3.11 Costs & Currency:**

(A) Your offer should be in INR including cost of the devices with software and required components, Freight, Transportation, Insurance, Installation and Integration with SMVDU Network charges. All Taxes/VAT etc. will be paid extra on actual.

(B) For Annexure-D Option-B only: Shri Mata Vaishno Devi University is exempted from Custom and Excise duty. In order to offer custom duty benefits to Shri Mata Vaishno Devi University, bidder may also quote in INR on High Sea Sale basis (whichever items available on High Sea Sale). Items which are to be supplied without High Sea Sale may be quoted in INR. The bidder will have to carryout all formalities with custom and other departments. The University will provide all the required documents and support. The installation, commissioning and warranty maintenance service will be the responsibility of the bidder, including Transport, Freight and Insurance.

### **3.12 Fixed Price:**

The commercial offer shall be on a fixed price basis. Exchange rate variation during the validity period would not be considered in any case.

### **3.13 Negotiation:**

It is absolutely essential for the bidders to quote the lowest price at the time of making the offer in their own interest, as the University may not enter into any further price negotiations.

### **3.14 Completeness of Installation:**

The installation will be certified as complete only when all the Equipments, software and components, are installed, integrated and tested in all the buildings as per plan of the Shri Mata Vaishno Devi University and accepted by the University Authority. The completion also includes providing two sets of hard copy and soft copy of complete documentation (with all technical/Installation details) for each building and total system installation.

Installation should be carried out by qualified/ experienced and trained technical person. The Bidder should have all modern tools and equipment to avoid any damage to installation/University property

### **3.15 Performance Bank Guarantee:**

The bidder who is awarded with the order is required to submit, a performance bank guarantee, from a Nationalized Bank, equivalent in Indian rupees for **10%** of the value of order. The bank guarantee will have to be given at the time of acceptance of the offer and it will be valid for the period till **60 months** after the completion certificate of successful installation is issued by the University.

#### **4.0 Terms and Conditions**

The following are the terms and conditions of this tender which will be binding on the bidder as a part of purchase order.

#### **4.1 Payment Terms:**

Shri Mata Vaishno Devi University will pay 50% of the invoice amount after the material is received and inspected by the University. Remaining 40% of the order value will be paid by the University on successful completion of installation, configuration, testing, integration with SMVDU Network and acceptance of the Biometric Systems & Components in all buildings of the University. Remaining 10% will be paid on successful operation for a period of 6-months.

#### **4.2 Delivery, Installation and Commissioning:**

The Bidder shall be responsible for shipment, delivery, installation, integration with SMVDU Network & Testing of Biometric Equipment/ Components. The bidder shall be responsible to supply the equipments & components as stipulated in the purchase order.

If the Bidder fails to deliver and install the Systems & components ordered within the stipulated time schedule, the same shall be treated as a breach of contract. In such case, the University reserves its right to cancel the purchase order and invoke the bank guarantee without any notice.

Appropriate insurance to cover all the equipment up to delivery and installation shall be taken by the Bidder. Bidder should also take sufficient care in insuring the workforce being deployed to carry out the installation and integration work at the University campus.

At the discretion of the University, there will be an acceptance test conducted by the University's officials and/or its nominated consultants after installation.

The installation work will be deemed as complete only when the same is accepted by the University in accordance with the Terms & Conditions of this tender and an acceptance letter is issued by the University.

#### **4.3 Liquidated Damages:**

If the Bidder fails in delivery, installation and commissioning of Biometric Systems & Components as per the terms of this tender, the University shall be entitled to charge penalty/liquidated damages @ 1% of the order value per week or part thereof subject to a

maximum of 10% of the order value. If it is delayed more than 10 Weeks, the order may be cancelled at the discretion of the University without any liability to the University.

#### **4.4 Order Cancellation:**

Shri Mata Vaishno Devi University reserves its right to cancel the entire Purchase Order at any time by assigning appropriate reasons in the event of one or both of the following conditions:

- (i) Delay in delivery and installation beyond the specified period.
- (ii) Serious discrepancy noticed during the inspection.

In addition to the cancellation of purchase order, the University reserves the right to invoke the bank guarantee given by the supplier to appropriate the damages.

#### **4.5 Biometric Systems /Component Estimation:**

The quantities mentioned in the tender document are tentative and approximate only and shall be used for price comparison purpose.

#### **4.6 Product Warranty and support:**

The Bidder will have to provide a letter confirming minimum of **5-Years** comprehensive ON-SITE product repair/replacement warranty (Hardware, Software & Upgrades) and provide product support thereafter. The bidder should also provide support for 1-year for modification/s in the report generation software from the date of completion of installation.

#### **4.7 Terms of execution of contract:**

The bidder shall keep a site engineer present during the execution process.

The University will not be responsible for any mishaps / accidents occurred during installation / execution of the project. All legal responsibilities are of the bidder.



Two persons will be identified by the bidder to co-ordinate the execution of the project. At the start of the project the bidder must provide this information to the University in writing with name, designation, qualification, including contact details. During the implementation phase, when the work is in progress, at any given time at least one of them must be present at the University. The bidder will have to make arrangements for all required tools and equipments like heavy duty drills, ladders, crimping tools, testing instruments etc.

#### **4.8 Indemnity:**

The bidder shall indemnify, protect and save Shri Mata Vaishno Devi University against all claims, losses, costs, damages, expenses, action suits and other proceedings, resulting from infringement of any patent, trademarks, copyrights etc. or such other statutory infringements in respect of all the items supplied by him.

#### **4.9 Publicity:**

Any publicity by the bidder in which the name of Shri Mata Vaishno Devi University is to be used will be done only with the explicit written permission of Shri Mata Vaishno Devi University.

#### **4.10 Guarantee:**

The bidder should guarantee that all the devices and components supplied to Shri Mata Vaishno Devi University are brand new and are free from any manufacturing defects and not declared as 'end of life' by the manufacturer.

#### **4.11 Force Majeure**

The Bidder shall not be liable for the default or non-performance of the obligations under the contract, if any reason or circumstances or occurrences beyond the control of the bidder.

For the purpose of this clause, "Force Majeure" shall mean an event beyond the control of the bidder, due to or as a result of or caused by acts of God, wars, insurrections, riots, earth quake and fire, events not foreseeable but does not include the Bidder's fault or negligence or carelessness on the part of the Bidder, resulting in such a situation.

In the event of any such intervening Force Majeure, the Bidder shall notify the University in writing of such circumstances and the cause thereof immediately within five calendar days. Unless otherwise directed by the University, the Bidder shall continue to perform/render/discharge other obligations as far as they can reasonably be attended/fulfilled and shall seek all reasonable alternative means for performance affected by the Event of Force Majeure.

In such a case, the time for performance shall be extended by a period(s) not less than the duration of such delay. If the duration of delay continues beyond a period of three months, the University and the Bidder shall hold consultations with each other in an endeavour to find a solution to the problem. Notwithstanding above, the decision of the University shall be final and binding on the Bidder.

#### **4.12 Resolution of Disputes:**

All disputes and differences of any kind whatsoever, arising out of or in connection with this Offer or in the discharge of any obligation arising under this Offer (whether during the progress of the work or after completion of such work and whether before or after termination, abandonment or breach of the Agreement) shall be resolved amicably. In case of failure to resolve the disputes and differences amicably, the matter may be referred to a sole arbitrator mutually agreed upon after issue of at least 30 days notice in writing to the other party clearly setting out therein the specific disputes. In the event of absence of consensus about the single arbitrator, the dispute may be referred to joint arbitrators, one to be nominated by each party, and the said arbitrators shall appoint a presiding arbitrator. The provisions of the Indian Arbitration and Conciliation Act, 1996, shall govern the arbitration. The venue of the arbitration shall be Jammu.

#### **4.13 Jurisdiction:**

In the event of any dispute not resolved amicably as enumerated in the above clause, Jammu shall be considered as the place of execution of this contract arrangement and only courts in Jammu alone shall have jurisdiction in the matter.

## 5.1 Annexure-A - Covering Letter Format:

Date:\_\_\_\_\_2017

Tender Reference No.:

To:

The Registrar

Shri Mata Vaishno Devi University

Katra, Jammu-182320

Having examined the tender document including all annexures we, the undersigned, offer to supply, deliver, install, configure, integrate and test the Biometric Time Attendance & Access Control Systems, relevant software and Components in the University campus in conformity with the said tender in accordance with the Schedule of Prices indicated in the commercial offer through Tendering.

If our offer is accepted, we undertake to complete the delivery, installation, integration and testing of all the components as specified in the offer document, within the period mentioned in the tender, calculated from the date of receipt of your Notification of Award / Letter of Intent. We also agree to provide comprehensive, on-site product replacement warranty as mentioned in the tender. Further we agree to provide 1-year on-site support for modification/customization in report generation software as required by the University.

We understand that Shri Mata Vaishno Devi University is not bound to accept the lowest or any offer Shri Mata Vaishno Devi University may receive without assigning any reason whatsoever.

We state that we are not blacklisted/banned/declared having delivered dissatisfactory performance by any government/semi-government authority in India for supply of materials/carrying out operations and maintenance work/application development.

If the details provided by us are found wrong or contradictory any time during evaluation or project implementation, we will be responsible for all consequences. We understand that in such a situation, the University has full authority to take appropriate action.

Dated this \_\_\_\_ day of \_\_\_\_\_2017

Signature: \_\_\_\_\_

(In the Capacity of:) \_\_\_\_\_

Duly authorized to sign the offer for and on behalf  
of Seal of the company

## 5.2 Annexure-B - Details of the Bidder:

Details filled in this form must be accompanied by sufficient documentary evidence, in order for Shri Mata Vaishno Devi University to verify the correctness of the information.

No.	Item	Details
1	Name of Bidder	
2	Mailing Address	
3	Telephone and Fax numbers	
4	Constitution of the Company with documentary proof.	
5	Name, designation and contact details including Mobile Number of the person authorized to make commitments to Shri Mata Vaishno Devi University	
6	Email Address	
7	Year of commencement of Business with a copy of documentary proof.	
8	Turn over of the company (not of group) 2014-15 2015-16	
9	Sales Tax Number (attached a copy of document)	
10	Income Tax (PAN/TIN) Number (Attach a copy)	
11	Whether direct manufacturer or authorized dealers (Attach supporting document)	
12	Brief Description of after sales service facilities available with the Bidder (Attach a separate sheet if required)	
13	Jammu Office Address with Phone and Fax no., Name and contact details of person in charge	

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Date:

Signature and Seal of Bidder

**5.3 Annexure-C – Compliance of Technical Specifications of Biometric Time Attendance & Access Control Systems & Components:**

**5.3.1 Hardware**

Sr. No.	Hardware Device Specifications		Compliance Yes/ No	Deviation should be clearly mentioned
A	Please indicate the Make and Model Number of the Device you are offering	Make/Brand	Model Number	
1	Processor	1 GHz or better High Speed Processor		
2	Memory	256MB or better		
3	User Capacity Face (1:N)	500 or more		
4	User Capacity Finger (1:N)	1,000 or more		
5	Transaction Record Capacity	1,00,000 or more		
6	Verification	Face Only		
7		Finger Only		
8		Face + Finger		
9	Verification Speed	Less than 2 sec		
10	Optical Sensor for Finger	500 DPI or better		
11	Size of Finger Sensor	16mm x 18mm or better		

12	Finger Rest Glass	Scratch Proof		
13	FAR (False Acceptance Rate):	$\leq 0.001\%$ or better		
14	FRR (False Rejection Rate) :	$\leq 1\%$ or better		
15	Face Image Camera	Dual Sensor (color + IR) Camera with 0.3 Mpix or better		
16	Low light / night operation	with IR Illuminator		
17	Face Detection Range	up to 70 cm or more		
18	Display Size	3" or more Touch Screen		
19	Communication	TCP/IP		
20	Special Display on Screen	Shri Mata Vaishno Devi University Logo		
21	Finger verification Acceptance	Voice & Green Display		
22	Face verification Acceptance	Voice & Green Display		
23	Finger verification rejection	Voice & Red Display		
24	Face verification rejection	Voice & Red Display		



Sr. No.	Hardware Device Specifications		Compliance Yes/ No	Deviation should be clearly mentioned
25	Device Administration Authentication	Super Admin		
26	Device Departmental Administration Authentication	Department/ Group Admin		
27	Offline Data Backup Support	USB/ SD Card		
28	Data Transmission to PC & Server	Auto/ Manual		
29	Access Control electronics	Should support for Single Door Access Control Application		
30	Synchronization for Auto Push to PC and server	Auto-Push		
31	Operation Temperature	45° C or better		
32	Operating Humidity	20% to 80% or better		
33	Operating Voltage	12V DC with suitable power adaptor for 230V AC operation		
		Device should automatically switch		

34	Power Save/Standby Mode	to standby mode if not used for some time & live mode when a person appears in front for Attendance.		
35	Mounting	Wall Mount with metallic base plate		
36	Safety: Protection against physical damage of the device	Suitable metal box having enough space for device and PoE splitter with powder coating & locking arrangement. The Finger sensor should be covered with a removable metal strip.		
37	Certification	CE, FCC, RoHS		
38	Warranty	5-Year Device Repair/Replacement within 24 Hrs.		
39	The device should support RFID cards	125KHz & 13.56 MHz		

### 5.3.2 Software:: (Client-Server Based)

Sr. No.	Software/ Report Generation Specifications	Compliance Yes/ No	Deviation should be clearly mentioned
1	Multi-Client Based		
2	Personal data management of employees		
3	Keep record of each entry and provide report as required		
4	Daily Attendance Group wise		
5	Shift wise presence/ absent		
6	Department wise attendance		
7	Late arrival		
8	Absenteeism		
9	Muster roll		
10	On office Duty		
11	Consolidated daily report		
12	Consolidated weekly report		
13	Consolidated Monthly report		
14	Over time details		
15	Leave report (CL, EL, Half Pay and other type of leave)		
16	All types of standard reports (daily, weekly and monthly)		
17	All types of standard reports required by		

	Department, HR & Account Department		
18	Integration with Payroll software requirements		
19	Software should be for maximum users as per device specifications		
20	OS:: Windows 7 or higher		
21	DBMS:: MS SQL/MySQL/MS Access		
22	e-Mail integration		
23	Additional as required by University Administration, Accounts or other Departments within one year from the date of installation and integration of system.		
24	Devices are installed in all the 11+ Departments/offices with data processing/ Reporting at local PC level and at Central Server level		
25	Training of University Staff members for operations and report generation in each Department/Office		
26	Smart phone integration (Optional)		

### 5.3.3 Accessories :: For 5.3.1

#### Technical Specifications of **IEEE 802.3at** High Power over Ethernet (PoE)

#### Injector

Sr. No.	Item	Specification	Compliance Yes/ No	Specify deviation in detail
A	Please indicate the Make and Model number of the device you are offering	Make/Brand	Model Number	
1	Ethernet Connector input	RJ-45 for Data in		
2	Ethernet Connector output	RJ-45 for Data+ DC		
3	Ethernet Data Rate	10/100/1000 Mbps based on device attached		
4	Input Voltage	48V DC to 56V DC		
5	Power requirement	230V AC		
6	No. of Device can be powered	1		
7	Max Power capacity	30 Watt		
8	Ethernet Cable	TIA/EIA-568, Cat 5, 5e, 6		

		cable		
9	Indicator	for Power and for PoE		
10	Operating environment	0-45 degree C		
11	Certification	CE, FCC		
12	Standard Compliance	IEEE 802.3at High Power over Ethernet		
		IEEE 802.3 Ethernet		
		IEEE 802.3u Fast Ethernet		
		IEEE 802.3ab Gigabit Ethernet		

Technical Specifications of **IEEE 802.3at** High Power over Ethernet (PoE)

**Splitter**

Sr. No.	Item	Specification	Compliance Yes/ No	Specify deviation in detail
A	Please indicate the Make and Model number of the device you are offering	Make/Brand	Model Number	
1	Ethernet Connector input	RJ-45 for Data+ DC		
2	Ethernet Connector output	RJ-45 for Data output		
3	Ethernet Data Rate	10/100/1000 Mbps based on device attached		
4	Output DC Voltage	12V DC / 24 V DC		
5	Selection of Output DC Voltage	Through Switch		
6	No. of Device can be powered	1		
7	Ethernet Cable	TIA/EIA-568, Cat 5, 5e, 6 cable		

8	Indicator	for PoE		
9	Operating environment	0-45 degree C		
10	Certification	CE, FCC		
11	Standard Compliance	IEEE 802.3at High Power over Ethernet		
		IEEE 802.3 Ethernet		
		IEEE 802.3u Fast Ethernet		
		IEEE 802.3ab Gigabit Ethernet		



### Technical Specifications of EM Lock for Access Control System

Sr. No.	Item	Specification	Compliance Yes/ No	Specify deviation in detail
A	Please indicate the Make and Model	Make/Brand	Model Number	
	number of the device you are offering			
1	Lock Holding Force	600 lbs or more		
2	Holding Capacity	230 Kgs or more		
2	Operating Voltage	12V DC		
4	Current	Maximum 500 mA or less		
5	Magnet LxWxH	250x40x25mm or more		
6	Armature Plate LxWxH	180x35x10mm or more		
7	Finishing	Zinc with Anti Rust surface treatment		
8	Suitable for	Glass doors/ Wooden doors		
9	Status	LED Green/ Red		
10	Protection	Voltage / Current spikes		
		Reverse Current protection		
		Anti Residual Magnetism		

11	Door Status	Door Open/ Close/ Open too long		
12	Operation	Silent no humming or buzzing		
13	Operating Temperature	50°C or better		
14	Operating Humidity	0-95% (Non- Condensing)		

**5.4 Annexure-D - Bill of Material (for Supply, Installation and Integration with SMVDU NETWORK) of Biometric Time Attendance & Access Control Equipment, Components, Accessories , Software & Services:**

**COMMERCIAL BID FORM**

<b>S.No.</b>	<b>Name of item / Equipment</b>	<b>Unit</b>	<b>Qty</b>	<b>Price in Rupees (inclusive of all Taxes, Freight, packing, Forwarding, etc.) FOR, SMVDU</b>
1	Hardware device specifications 5.3.1 Multi-Biometric FaceRecognition & Fingerprint Time Attendance Systems &Access Control Systems with all accessories. (11 Biometric +2 Access control)	Nos.	13	
2	Software with specification 5.3.2 Client/ Server Based UserManagement & Reporting software for TA & Access Controlsystem for local and central management of system. Thesupport for reporting software modifications andcustomization as required by the University for 1-year. (1 Biometric + 1 Access Control )	Nos.	02	
3.	PoE injector/ Splitter Set (IEEE 802.3at compatible delivering 12V - 25 watt at splitter end ) with all accessories for TA & Access Control Systems	Nos.	13	
4.	EM Lock (600 lbs.) for Wooden and Aluminium Doors with all accessories	Nos.	2	
5	Exit Push Button Assembly with suitable SS Face Plate withall accessories	Nos.	2	

6	Extension of LAN I/O port with all required hardware (precision casing/capping) UTP-Cat6 Cable, patch cord etc.	Met er	200	
7	Installation of TA System hardware, Software, configuration, Integration, testing of the total system including user registration in device and documentation. This also includes painting of multi- color strips on the floor where the devices are installed.	Nos.	11	
8	Installation of Access Control System hardware, Software, configuration, Integration, testing of the total system including user registration in each device and documentation. This includes painting of multi-color strips on the floor where the devices are installed. All necessary work on Aluminium and Wooden doors. Supply and install door closures and a suitable cutout on wooden door & fix glass.	Nos.	02	

**5.5 Annexure-F - Check List by the Bidder:**

Sr. No.	Document	Yes/No	Page No.
1	Tender Processing Fee Demand Draft		
2	EMD Demand Draft		
3	Covering Letter <b>Annexure-A</b>		
4	Details of Bidder <b>Annexure-B</b> with all required enclosures		
5	Compliance of Technical Specification <b>Annexure-C</b>		
6	Product Documentation with full technical product catalogue		
7	Copies of PO and client information satisfying the Qualification Criteria (2.1 and 2.2) for Track Record and all documents related to Evaluation Criteria (3.7).		
	List of qualified/ Experienced Engineers available with bidder to carryout the installation and testing work (Please attach a list with name, qualification and experience)		
8	Financial Details- Audited Balance sheet of last two financial For the Financial year 2014-15 and 2015-16 Years i.e		
9	Any other additional document		
10	Enclose original tender document and other enclosures with seal & authorized signature on each page.		
11.	Commercial Bid Form (Annexure-D)		

